

Earthquake Ready Burnside Bridge:
Combined Final Environmental Impact Statement/Record of Decision

Attachment C

Agency Correspondence

For other questions including those related to the Americans with Disabilities Act and Civil Rights Title VI accommodations, call 503-988-5050. You can also call Oregon Relay Service 7-1-1 or email burnsidebridge@multco.us. For information about this project in other languages please call 503-988-5970.

Para obtener información sobre este proyecto en español, ruso u otros idiomas, llame al 503-988-5970 o envíe un correo electrónico a burnsidebridge@multco.us.

Для получения информации об этом проекте на испанском, русском или других языках, свяжитесь с нами по телефону 503-988-5970 или по электронной почте: burnsidebridge@multco.us.



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EARTHQUAKE READY BURNSIDE BRIDGE

COORDINATION PLAN

The information in this document, and the public and agency input received, may be adopted or incorporated by reference into a future environmental review process to meet the requirements of the National Environmental Policy Act.



U.S. Department
of Transportation

**Federal Highway
Administration**

Oregon Department of Transportation



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1. Introduction

Purpose of the Coordination Plan

Title 23 Section 139(g) requires that the National Environmental Policy Act (NEPA) lead agencies establish a plan for coordinating public and agency participation and comment during the environmental review process. This Coordination Plan defines how Multnomah County, the Oregon Department of Transportation (ODOT) and the Federal Highway Administration (FHWA) will communicate about the Earthquake Ready Burnside Bridge Project with the participating agencies, cooperating agencies, and the public during the early NEPA process and during preparation of an Environmental Impact Statement (EIS).

This plan also identifies how input from agencies and the public will be solicited and considered. The coordination plan is meant to promote an efficient and streamlined process and good project management through coordination, scheduling, and early resolution of issues. This coordination plan accomplishes the following:

- Identifies early coordination efforts
- Identifies participating and cooperating agencies to be involved in agency coordination
- Establishes the timing and methods for agency involvement in defining the project's purpose and need and study area, the range of alternatives to be investigated, and methods and data reports, as well as reviewing the draft EIS and the selection of the preferred alternative and mitigation strategies.
- Describes the timing and basic methods for the public to be involved in defining the project's purpose and need, study area, and the range of alternatives to be investigated; providing input on issues of concern and environmental features; and commenting on the findings presented in the draft EIS.

2. Project Background and Description

The Burnside Bridge crosses the Willamette River in downtown Portland, Oregon, providing four lanes for motor vehicles, one lane for transit only, as well as bike lanes and sidewalks. Located in the center of the city, the bridge is a critical connection between the east and west sides of Portland. Burnside Street, which connects Gresham, Oregon (east of Portland) to Washington County (to the west of the city) is a designated regional "lifeline" transportation route, meaning it is expected to enable emergency response, evacuation, and recovery after a major disaster. Multnomah County's 20-year Willamette Bridges Capital Improvement Plan (CIP) identified the Burnside Bridge as a top priority for major seismic retrofit or replacement due to its designation as the only County-owned Priority 1 lifeline route across the Willamette River in downtown Portland. Like the other aging downtown bridges, the Burnside Bridge, constructed in 1926, is not expected to withstand the next major seismic event (Cascadia Subduction Zone earthquakes range from magnitude 8.0 to over 9.0).

In 2016, Multnomah County initiated the Earthquake Ready Burnside Bridge project to identify options for either seismically retrofitting or replacing the existing bridge, with the intention of supporting the regional need for a seismically resilient Burnside Street lifeline crossing of the Willamette River that will remain fully operational and accessible for vehicles and other modes immediately following a major Cascade Subduction Zone earthquake. To date, the project team, with agency and public input, has identified and evaluated over 100 possible alternatives and options, narrowing it to four alternatives recommended for further evaluation. Each of the recommended alternatives would include

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improvements at either end of the bridge and may require additional right of way as well as temporary detours during construction. All of the Build alternatives would require in-water work. During fall 2018, the public was invited to review and comment on the recommendations before a decision was made on which alternatives would be studied in detail in a NEPA process and document.

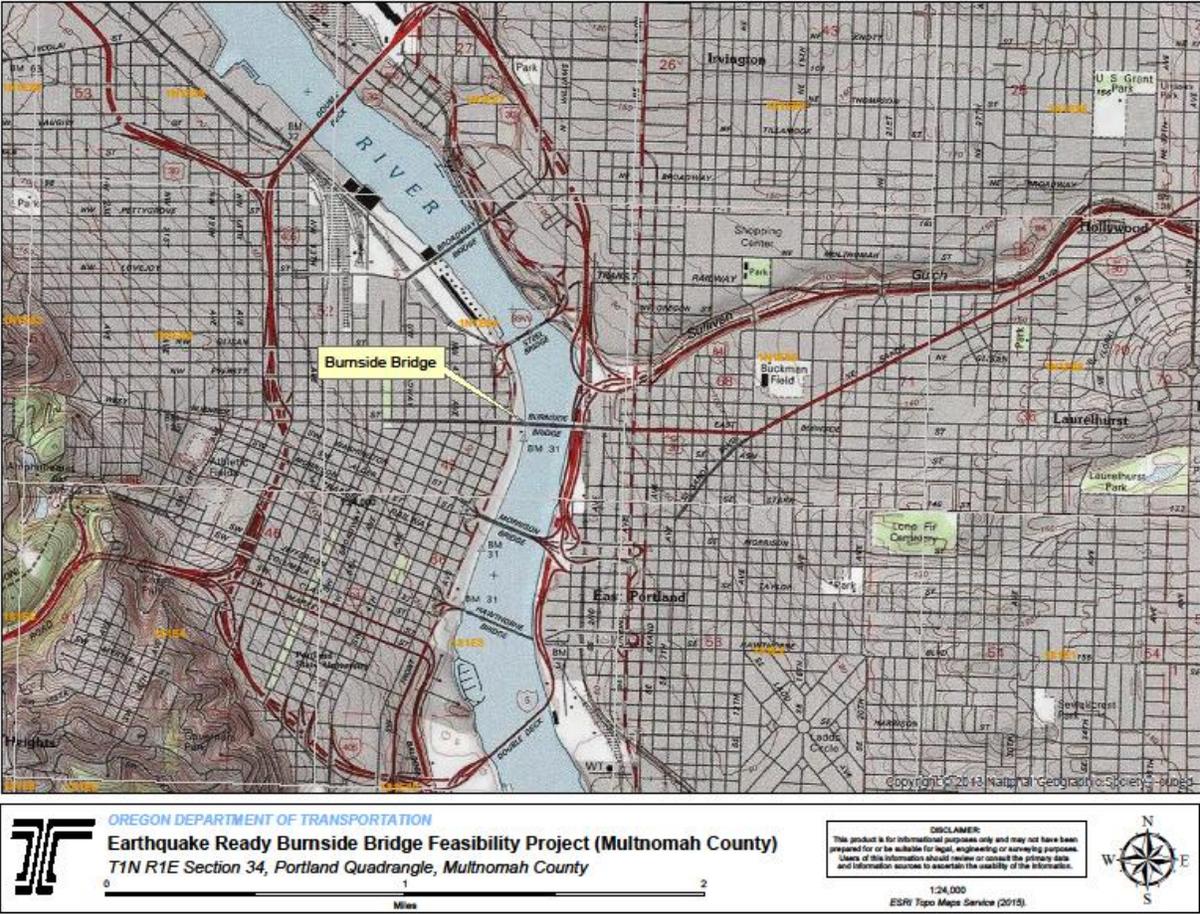
A Draft EIS was written to analyze the recommended alternatives. The EQRB Draft EIS included a No-Build Alternative and four Build Alternatives. The Long-span Alternative was identified as the Preferred Alternative in the Draft EIS that was made available for public review and comment through the project website. The public was able to view and comment on the Draft EIS for a period of 45 days, from February 5 to March 22, 2021. The Draft EIS Notice of Availability was published in the Federal Register on February 5, 2021. Multnomah County (County) held a live Draft EIS Public Hearing testimony on March 3, 2021.

Following the issuance of the Draft EIS, additional cost and funding analysis identified a substantial risk that the construction costs of any of the Build Alternatives would be too high to reasonably be able to fund. This risk led the County to direct the Project team to identify and evaluate ways to reduce the Project's construction costs while still meeting the Project's purpose and need and striving to achieve the other advantages of the Draft EIS Preferred Alternative.

The Refined Long-span Alternative, which addressed that directive and was evaluated in the Supplemental Draft EIS (SDEIS), was identified as the Preferred Alternative in the SDEIS that was made available for public review and comment through the project website. The public was able to view and comment on the SDEIS for a period of 45 days, from April 29 to June 13, 2022. The SDEIS Notice of Availability (NOA) was published in the Federal Register on April 29, 2022. Multnomah County held the live SDEIS Public Hearing testimony on June 8, 2022.

Based on the analysis documented in the SDEIS, additional input received from agency and public Draft EIS and SDEIS comments, and supplementary analysis, a combined Final EIS/Record of Decision (ROD) is being written which identifies the Refined Long-span Alternative as the Preferred Alternative for the EQRB Project. It is currently anticipated that the Final EIS/ROD will be completed in December 2022.

3. Project Vicinity Map



4. Agency and Public Participation

Agency Roles and Responsibilities

Federal regulations (23 USC 139) require that opportunities be provided for federal, state, and local agencies that have jurisdiction by law or a special interest in the project to formally participate in the project’s environmental review process. Three categories of agencies are involved: lead, cooperating, and participating.

- FHWA is the lead federal agency for NEPA compliance on this project. Serving as joint lead agencies with FHWA, Multnomah County and ODOT will share in the responsibility to prepare the environmental impact statement.
- A cooperating agency is any federal agency, other than a lead agency, that has jurisdiction by law or special expertise with respect to any environmental impact involved in a proposed project or project alternative. FHWA invites cooperating agencies to consult with Multnomah County, ODOT, and FHWA on relevant technical studies required for the project, conduct joint field reviews, review project information including study results, and to use the EIS to express agency views on subjects within their jurisdiction or expertise. All cooperating agencies are also considered participating agencies. Cooperating agencies would also use the EIS for their own

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decision-making in accordance with Executive Order 13807. That order requires Federal agencies to process environmental reviews and authorization decisions for “major infrastructure projects” as One Federal Decision (OFD).

- Participating agencies (that are not cooperating agencies) are those that have a specific interest in the project. They are also invited to participate in the project. Their responsibilities are listed below.

Agency Coordination

The following tables list the lead, cooperating and participating agencies and their respective responsibilities.

Lead Agencies

Agency	Responsibilities
FHWA	Manage NEPA and other regulatory compliance processes; prepare EIS; provide opportunity for public and participating/cooperating agency involvement
Multnomah County (joint lead)	
ODOT (joint lead)	

Cooperating Agencies

Federal agencies with decision authority or key expertise related to the project are invited to be cooperating agencies. All cooperating agencies with authorization responsibilities will be provided with an opportunity to review and comment at the following project milestones and activities:

- Coordination plan
- Purpose and need
- Range of alternatives
- EIS methodologies related to the agency’s area of jurisdiction
- Evaluation criteria and measures related to their area of jurisdiction
- Preferred alternative
- Participate in project scoping meetings, open houses and workshops

Agencies Invited to be Cooperating Agencies

Agency	Responsibilities	Status
US Coast Guard (USCG)	Section 9 Bridge Permit, Rivers and Harbors Act	Coop.
National Marine Fisheries Service (NMFS)	Federal Endangered Species Act (Biological Opinion and Incidental Take permit) Magnuson-Stevens Fishery Conservation Management Act Marine Mammal Protection Act	Coop.
US Army Corps of Engineers (USACE)	Clean Water Act (CWA), Section 404 Permit Section 408 Navigation, Rivers and Harbors Act	Coop.
National Park Service*	Potential Official with Jurisdiction under Section 4(f) of the DOT Act; have responsibilities under 6(f) of the Land and Water Conservation Fund Act, as well under Section 110(f) of the NHPA	Part.

Agency	Responsibilities	Status
Federal Emergency Management Agency (FEMA)*	Potential Flood Insurance Rate Maps revision; Letter of Map Revision – depends on hydraulic and hydrologic impacts)	Part.

*It has not yet been determined if these agencies will have permitting authority for the project. This will be determined through coordination with these agencies.

Participating Agencies

Each participating agency will have the opportunity to identify any issues of concern regarding the project's potential environmental or socioeconomic impacts related to its area of jurisdiction, to participate in project scoping meetings, open houses and workshops, and will have the opportunity to review and provide comments on the following project milestones and activities:

- Coordination plan
- Purpose and need
- Range of alternatives
- EIS methodologies related to their area of jurisdiction
- Evaluation criteria and measures related to their area of jurisdiction
- Preferred alternative
- Various draft documents

Agencies Invited to be Participating Agencies

Agency	Potential Responsibility	Status
Advisory Council on Historic Preservation	Section 106	Part.
US Fish and Wildlife Service*	Federal Endangered Species Act Fish and Wildlife Coordination Act Migratory Bird Treaty Act	Part.
US Environmental Protection Agency*	EIS review Expertise and potential action with Portland Harbor Superfund site downstream of Fremont Bridge	Part.
National Park Service*	Official with Jurisdiction under Section 4(f) of the DOT Act; have responsibilities under 6(f) of the Land and Water Conservation Fund Act, as well under Section 110(f) of the NHPA	Part.
Federal Emergency Management Agency (FEMA)*	Potential Flood Insurance Rate Maps revision; Letter of Map Revision – depends on hydraulic and hydrologic impacts)	Part.
Federal Aviation Administration*	Possible action if construction cranes extend into the protected airspace of the heliport on the parking garage at NW Naito and NW Davis	Declined Part.
Confederated Tribes of Warm Springs Reservation of Oregon	Government-to-government consultation Section 106 National Historic Preservation Act	Part.

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Agency	Potential Responsibility	Status
Confederated Tribes of Grand Ronde Community of Oregon	Government-to-government consultation Section 106 National Historic Preservation Act	Part.
Confederated Tribes of Siletz Indians	Government-to-government consultation Section 106 National Historic Preservation Act	Part.
Confederated Tribes of the Umatilla Indian Reservation	Government-to-government consultation Section 106 National Historic Preservation Act	Part.
Cowlitz Indian Tribe	Government-to-government consultation Section 106 National Historic Preservation Act	Part.
Confederated Tribes and Bands of the Yakama Nation	Government-to-government consultation Section 106 National Historic Preservation Act	Part.
Nez Perce Tribe	Government-to-government consultation Section 106 National Historic Preservation Act	Declined (deferred to downstream tribes)
Oregon Dept of Environmental Quality	Clean Water Act, Section 401	Part.
Oregon State Historic Preservation Office	Section 106 National Historic Preservation Act	Part.
Oregon Dept of State Lands	Oregon Removal/Fill Act Easement for State-Owned Waterway	Part.
Oregon Dept of Fish and Wildlife	Oregon Fish Passage Act	Declined but still engaged
Oregon Office of Emergency Management	Coordinates statewide emergency services system for emergency and disaster communications.	Part.
Oregon State Marine Board	Recreational waters coordination (no wake zones and other recreational boater restrictions)	Part.
City of Portland, including: Parks, Transportation, Development Services, Planning and Sustainability, Environmental Services, Emergency Management, Fire and Rescue, Historic Landmarks Commission	The City has local policy authority, including land use and transportation planning and regulation, and owns and administers various facilities in the project area including Burnside Street, parks, fire and rescue (Harbor Master – Title 19), water and stormwater facilities, streetcar and others.	Part.
Portland Streetcar	Long-term Streetcar plan includes a future line across the Burnside Bridge.	Part.
Prosper Portland	Manages urban renewal areas including areas in or near the project area.	Part.
TriMet	Bus and light rail transit facilities and service	Part.
Metro	Regional land use and transportation planning	Part.
Washington County	Interest in regional transportation and post-earthquake evacuation, emergency services and recovery	Declined but still engaged

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Agency	Potential Responsibility	Status
Clackamas County	Interest in regional transportation and post-earthquake evacuation, emergency services and recovery	Part.
City of Gresham	Interest in regional transportation and post-earthquake evacuation, emergency services and recovery	Part.
City of Beaverton	Interest in regional transportation and post-earthquake evacuation, emergency services and recovery	Part.

*It has not yet been determined if these agencies will have permitting authority for the project. This will be determined through coordination with these agencies.

Agency Contact Information

The following contacts are current as of August 15, 2022. (This list includes primarily regional/division directors, or equivalent. See also agency staff contact information in Section 7.)

Agency	Contact Person/Title	Phone	E-mail
FHWA	Keith Lynch		Keith.Lynch@dot.gov
Multnomah County	Jessica Vega Pederson, Commissioner and Co-chair	503-988-4576	District3@multco.us
ODOT	Rian Windsheimer, Region 1 Manager	503-731-8256	Rian.m.windsheimer@odot.oregon.gov
USCG	Steve Fischer, 13 USCG District, Waterways Management, Bridge Program Administrator/Chief	203-220-7282	Steven.m.fischer3@uscg.mil
USACE	William Abadie, Portland District Regulatory Branch Chief Colonel Michael D. Helton	503-808-4370	William.D.Abadie@usace.army.mil Michael.D.Helton@usace.army.mil
NMFS	Kathleen Wells, Willamette Branch Chief (NOAA)	503-230-5437	Kathleen.wells@noaa.gov
National Park Service	Elaine Jackson-Retondo, Ph.D., Preservation Partnerships and History Programs Manager	415-623-2368	Elaine_Jackson-Retondo@nps.gov
Federal Aviation Administration	Paul Holmquist, Air Traffic Organization (ATO), Airspace Evaluation Group		Paul.holmquist@faa.gov
FEMA, Region 10	Owen Coskey, Environmental Protection Specialist	425-487-2322	Owen.coskey@fema.dhs.gov
US Department of Fish and Wildlife	Paul Henson, State Supervisor	503-231-6179	Paul_Henson@fws.gov

Agency	Contact Person/Title	Phone	E-mail
US Environmental Protection Agency	Anthony Barber, Oregon Operations Office Director	503-326-6890	Barber.Anthony@epa.gov
	Rebecca Chu, Region 10 Policy and Environmental Review Branch Manager	206-553-1774	Chu.Rebecca@epa.gov
	Susan Sturges, Transportation Projects Lead		sturges.susan@epa.gov
Advisory Council on Historic Preservation	Reid Nelson, Acting Executive Director	202-517-0200	rnelson@achp.gov
Oregon Marine Board	Larry Warren, Marine Board Director	503-378-2617	Larry.Warren@oregon.gov
Oregon Department of Fish and Wildlife (ODFW)	Charles Mac Barr, ODFW District Fish Biologist	971-673-6044	Charles.M.Barr@odfw.oregon.gov
Oregon Department of Environmental Quality	Richard Whitman, Director	503-229-5300	Richard.Whitman@state.or.us
Oregon Department of State Lands	Russ Klassen, DSL Liaison	503-986-5244	Russ.Klassen@dsl.oregon.gov
Oregon Office of Emergency Management	Althea Rizzo, GeoHazards Program Coordinator	503-378-3936	Althea.Rizzo@state.or.us
Oregon State Historic Preservation Office (SHPO)	Christine Curran, Associate Deputy SHPO	503-986-0684	Chrissy.Curran@state.or.us
Confederated Tribes of Warm Springs Reservation of Oregon	Raymond Tsumpti, Tribal Chairman	541-553-3257	raymondtsumpti@wstribes.org
Confederated Tribes of Grand Ronde Community of Oregon	Cheryle Kennedy, Tribal Chairwoman	503-879-2352	Cheryle.Kennedy@grandronde.org
Confederated Tribes of Siletz Indians	Delores Pigsley, Tribal Chairman	541-444-8203	dpigsley@msn.com
Cowlitz Indian Tribe	Chairman William Lyall, Tribal Chairman	253-351-7095	wiyall@cowlitz.org
Confederated Tribes of the Umatilla Indian Reservation	Kat Brigham, Board of Trustees Chairman	541-429-7380	bot@ctuir.org
Confederated Tribes and Bands of the Yakama Nation	Virgil Lewis Sr., Tribal Chairman	509-865-5161	Virgil.lewis@yakama.com
Washington County	Roy Rogers, Commissioner	503-846-8302	Royr@rascpas.com
Clackamas County	Paul Savas, Commissioner	503-655-8581	bcc@clackamas.us
City of Portland	Chris Warner		chris.warner@portlandoregon.gov

Agency	Contact Person/Title	Phone	E-mail
City of Gresham	Sue Piazza, Councilor	503-618-2871	Sue.Piazza@greshamoregon.gov
City of Beaverton	Jean Senechal Biggs, Transportation Planning Manager	503-277-8822	jbiggs@beavertonoregon.gov
Metro	Lynn Peterson, President	503-797-1700	Lynn.Peterson@oregonmetro.gov
TriMet	Joseph Recker Amy Fandrich, Director Engineering Services/Interim Executive DirectorTBD	503-962-2132	Reckerj@trimet.org fandrica@trimet.org
Prosper Portland	Kimberly Branam, Executive Director	503-360-4555	BranamK@prosperportland.us
Portland Streetcar	Dan Bower	503-869-0820	Dan.Bower@portlandstreetcar.org
Port of Portland	Curtis Robinhold, Executive	503-415-6000	Curtis.Robinhold@portofportland.com

Proposed Public Involvement Plan

The project has a detailed public involvement plan for the environmental phase of the project which builds upon the public and stakeholder outreach that was conducted during the Feasibility Study and includes:

- Agency, citizen, and policy committees that will provide input at the following key milestones:
 - Purpose and need
 - Scope of environmental analysis
 - Range of alternatives to be evaluated during the NEPA process
 - Refinement of alternatives
 - Criteria and measures
 - Alternatives evaluation and identification of the preferred alternative
- Stakeholder interviews and briefings
- Focus groups and workshops
- Equity and environmental justice engagement – Diversity, Equity and Inclusion plan
- Project website
- e-Newsletters
- Social media, project videos, and animations
- Public open houses and online open house at key project milestones
- Participation in community-wide events

Several of the key committees and working groups that provide agency, citizen and other stakeholder input include:

- Policy Group (lead agency and partner agency leaders; congressional staff)
- Senior Agency Staff Group (senior staff to the policy group members)
- Community Task Force (community and other key stakeholders including neighborhoods, social service providers and other users that could be affected)
- Natural resources working group (federal, state and local resource agency representatives)

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- Cultural resources working group (FHWA, ODOT and SHPO historic resource and tribal liaisons)
- Multi-modal working group (agencies and NGOs representing different modal interests)
- Seismic design working group
- Social Services working group
- Diversity, Equity and Inclusion working group
- Urban Design working group
- Multiple additional working and focus groups

Tribal Coordination

Tribal coordination is being facilitated by ODOT’s tribal liaison at the discretion of FHWA and with support from Multnomah County. Project coordination with tribes has begun through regular meetings to discuss a variety of projects as part of the ongoing government-to-government consultation relationship between the tribes, ODOT and FHWA. This coordination will continue through the NEPA phase. Following formal NEPA scoping and the initiation of detailed analysis for the draft EIS, the type and frequency of coordination could change beyond the routine meetings, depending on feedback and interests of the tribes.

5. Coordination Points and Responsibilities

Coordination Point	Agency Responsible for Providing Information	Information or Activity Provided	Agency Responsible for Commenting	Comments Provided or Activity Conducted	Anticipated Timeframe	Completed
Purpose and Need (P&N)*	FHWA/ODOT/ Multnomah County	Provide agencies and public with draft P&N via public meetings, website and other communication Early scoping - Invite public and agencies to meetings and open house	Participating/ Cooperating Agencies	Reviewed and commented Received Concurrence	Fall 2018 Spring 2020	Yes
Range of Alternatives*	FHWA/ODOT/ Multnomah County	Provide agencies and public with information regarding alternatives/options being considered** Solicit comments** Hold early scoping meeting/project open house**	Participating/ Cooperating Agencies	Reviewed and commented on draft and revised draft Received Concurrence	Fall 2018 Spring 2020	Yes

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Coordination Point	Agency Responsible for Providing Information	Information or Activity Provided	Agency Responsible for Commenting	Comments Provided or Activity Conducted	Anticipated Timeframe	Completed
Coordination Plan	FHWA/ODOT/ Multnomah County	Provide agencies and public with a draft Coordination Plan for review and comment**	Participating/ Cooperating Agencies	Reviewed and commented Updated Plan Updated Plan	Fall 2018 Spring 2020 Summer 2022	Yes
Collaboration on impact Assessment methodologies	FHWA/ODOT/ Multnomah County	Provide agencies with draft methodologies for evaluation and review	Participating/ Cooperating Agencies	Reviewed and commented	Summer 2019	Yes
Notice of Intent (NOI)	FHWA/ODOT/ Multnomah County	Prepare a copy of the NOI Publish NOI in Federal Register	FHWA		Spring 2020	Yes
Built, natural and cultural resource impacts	FHWA/ODOT/ Multnomah County	Identification of resources located within project area and general location of alternatives/ options	Cooperating Agencies		Winter 2020	Yes
Identification of the Preferred Alternative/ Option*	FHWA/ODOT/ Multnomah County	Provide Cooperating/ Participating Agencies and public with the identified preferred alternative	Participating/ Cooperating Agencies		Summer 2020	Yes
Circulation of draft EIS with PA identified	FHWA/ODOT/ Multnomah County	Provide draft EIS to Cooperating and Participating Agencies, Public, Public Hearing**	Participating/ Cooperating Agencies	Reviewed and commented	Winter 2021	Yes
Biological Opinion for Endangered Species Act	FHWA (with Multnomah County and ODOT support)	Section 7 consultation and Biological Assessment	NMFS	Issue BO and ITP	Summer 2021	Yes

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Coordination Point	Agency Responsible for Providing Information	Information or Activity Provided	Agency Responsible for Commenting	Comments Provided or Activity Conducted	Anticipated Timeframe	Completed
Potential Refinement of the Preferred Alternative*	FHWA/ODOT/ Multnomah County	Provide Cooperating/ Participating Agencies and public with the identified preferred alternative	Participating/ Cooperating Agencies		Winter 2021	Yes
Circulation of Supplemental draft EIS	FHWA/ODOT/ Multnomah County	Provide draft EIS to Cooperating and Participating Agencies, Public Hearing**	Participating/ Cooperating Agencies		Spring 2022	Yes
Programmatic Agreement (PA) for Section 106	FHWA (with Multnomah County and ODOT support)	106 analysis and draft PA	FHWA, OR SHPO (Multnomah County)	Sign PA	Summer 2022	In progress - anticipated December 2022
Circulation of joint final EIS/Record of Decision (ROD)	FHWA/ODOT/ Multnomah County	Provide final EIS**	Participating/ Cooperating Agencies		Winter 2022	In progress - anticipated December 2022

* These are concurrence points for cooperating agencies per the March 20, 2018 OMB/CEQ Memorandum of Understanding for Implementing Executive Order 13807.

** Public coordination and participation activities.

*** As per 40 CFR 1506.10(b) and 40 CFR 1504.

Major Post-ROD Permits and Responsibilities

Permit	Applicant Agency	Information to Provide	Permitting Agency	Permitting Agency Action	Anticipated Timeframe	Completed
CWA 404 permit	Multnomah County	Section 404 permit application	USACE	Issue 404 permit	Winter 2023	In progress
Section 9 Bridge Permit	Multnomah County	Section 9 permit application	USCG	Issue Section 9 permit	Spring/ Summer 2023	In progress
Section 408 Navigation Permit	Multnomah County	Section 408 findings and request	USACE	Grant 408 permission	Winter 2023	In progress
CWA 401 Water Quality Certification	Multnomah County	Permit application (JPA)	Oregon Department of Environmental Quality	Issue 401 Certification	Winter 2021	Yes

6. Revision History

Revised September 2019

- Updated agency representative information
- Updated progress and timelines

Revised April 2020

- Updated agency representative information
- Updated agency status (NMFS and ACHP)
- Updated progress
- Updated timeline to match Federal Permitting Timeline agreements with cooperating agencies

Revised August 2022

- Updated agency representative information
- Updated timeline for several items due to Supplemental Draft EIS
- Added Completed column to Section 5 tables

7. Other Information

Other attached information includes:

Agency Staff Contact List

Agency	Contact Person/Title	Phone	E-mail
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	Cindy Callahan, ESA Coordination	503-316-2562	Cindy.Callahan@dot.gov
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ODOT	Sam Hunaidi, Project Services Manager	503-731-8472	Sam.h.hunaidi@odot.oregon.gov
	Tom McConnell	503-731-8535	thomas.e.mcconnell@odot.oregon.gov
	Sarah Eastman-Flores		Sarah.Eastman-Flores@odot.oregon.gov
USCG	Carl Smith		Carl.F.Smith@uscg.mil
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Agency	Contact Person/Title	Phone	E-mail
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National Marine Fisheries Service (NMFS)	Tom Loynes, NMFS Liaison	503-986-3742	Thomas.M.Loynes@odot.oregon.gov
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	Emily Ferguson, State and Local Assistance Program		Emily_Ferguson@nps.gov
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Federal Aviation Administration	Paul Holmquist, ATO, Airspace Evaluation Group		Paul.holmquist@faa.gov
FEMA, Region 10	Owen Coskey, Environmental Protection Specialist	425-487-2322	owen.coskey@fema.dhs.gov
U.S. Department of Fish and Wildlife	Kevin Maurice, Wildlife Biologist	503-231-6179	Kevin_maurice@fws.gov
U.S. Environmental Protection Agency	Yvonne Vallette, Region 10 Oregon Coordinator	503-326-2716	Vallette.yvonne@epa.gov
Advisory Council on Historic Preservation	Mandy Ranslow, FHWA Liaison/Program Analyst	202-517-0218	mranslow@achp.gov
Oregon State Marine Board	Ashley Massey, Legislative Coordinator and Public Information Officer	503-378-2623	Ashley.Massey@oregon.gov
	Joe Severson, Planning and Mapping Coordinator	503-378-2629	Joe.Severson@oregon.gov

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Agency	Contact Person/Title	Phone	E-mail
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Oregon Office of Emergency Management	Althea Rizzo, GeoHazards Program Coordinator	503-378-3936	althea.rizzo@state.or.us
Oregon State Historic Preservation Office	Sarah Jalving, ODOT/SHPO Liaison Kurt Roedel, ODOT/SHPO Liaison	503-986-0661 503-986-0577	Sarah.A.Jalving@odot.state.or.us Sarah.Jalving@opr.oregon.gov Kurt.W.ROEDEL@opr.oregon.gov
Confederated Tribes of Warm Springs Reservation of Oregon	Robert Brunoe, THPO Christian Nauer	541-553-2002	Robert.brunoe@ctwsbnr.org christian.nauer@ctwsbnr.org thpo@ctwsbnr.org
Confederated Tribes of Grand Ronde Community of Oregon	Michael Karnosh, Ceded Lands Program Manager David Harrelson, THPO	503-879-5211	Michael.Karnosh@grandronde.org David.Harrelson@grandronde.org thpo@grandronde.org consultation@grandronde.org
Confederated Tribes of Siletz Indians	Robert Kentta, Cultural Resources Director, Peter Hatch	541-444-2204 541-444-2532	rkentta@ctsi.nsn.us kentankyla@outlook.com peterh@ctsi.nsn.us
Cowlitz Indian Tribe			permitreview@cowlitz.org
Confederated Tribes of the Umatilla Indian Reservation	Ashley Morton		AshleyMorton@ctuir.org
Confederated Tribes and Bands of the Yakama Nation	Casey Barney Gregg Kiona Noah Oliver Jessica Lally	509-865-5121	Casey_Barney@yakama.com gregg@yakama.com noah_oliver@yakama.com jessica_lally@yakama.com
Washington County	Chris Deffebach, Policy Analyst from Land Use and Transportation	503-846-3406	Christina_Deffebach@co.washington.or.us

Agency	Contact Person/Title	Phone	E-mail
Clackamas County	Mike Bezner, Assistant Director for Transportation	503-742-4651	MikeBez@clackamas.us
City of Portland	Sharon Daleo	503-823-5072	Sharon.Daleo@portlandoregon.gov
City of Gresham	Brian Monberg, Transportation Policy Director	503-618-2418	Brian.Monberg@greshamoregon.gov
City of Beaverton	Jean Senechal Biggs, Transportation Planning Manager	503-277-8822	jbiggs@beavertonoregon.gov
Metro	Malu Wilkinson Alex Oreschak Michaela Skiles	503-797-1680	Malu.Wilkinson@oregonmetro.gov Alex.Oreschak@oregonmetro.gov Michaela.Skiles@oregonmetro.gov
TriMet	Grant O'Connell		oconnelg@trimet.org
Prosper Portland	Justin Douglas	503-823-4579	DouglasJ@prosperportland.us
Portland Streetcar	Dan Bower	503-869-0820	dan.bower@portlandstreetcar.org
Port of Portland	Greg Theisen		greg.theisen@portofportland.com

From: [Tomaselli, Christina](mailto:Tomaselli.Christina)
To: kathleen.wells@noaa.gov
Cc: Thomas.M.Loynes@odot.oregon.gov; Kim.Kratz@noaa.gov; Dale.Youngkin@noaa.gov; Helen.Chabot@noaa.gov; Shelby.Mendez@noaa.gov; Elif.Wilkins@noaa.gov; Emily.Cline@dot.gov; Mike.Morrow@dot.gov; Megan.Neill@multco.us; elizabeth.britell@multco.us; Drahota, Steve M.; SPhelps@parametrix.com; [Tomaselli, Christina](mailto:Tomaselli.Christina)
Subject: EQRB Preferred Alternative Concurrence Form Request - NMFS
Date: Wednesday, November 9, 2022 2:45:48 PM
Attachments: [EQRB Preferred Alternative Concurrence Form Nov2022.pdf](#)

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Regards,

Christina Tomaselli

Project Administrator

HDR

1050 SW 6th Ave, Suite 1800

Portland, OR 97204

☎ 503-423-3830

christina.tomaselli@hdrinc.com

hdrinc.com/follow-us

Concurrence Form for Preferred Alternative

Lead Agencies	FHWA, Multnomah County, ODOT
Project	Earthquake Ready Burnside Bridge
Class	EIS
Highway	N/A (Local Street)
County	Multnomah County
Initial Review	Fall 2018
Concurrence Form Distributed	November 9, 2022
Signed Concurrence Due Date	November 22, 2022

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Concurrence Point: Preferred Alternative

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	Cc: Carl Smith, Allen Garneau
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Concurrence Decision

Concur
 Non-Concur
 Non-Participating
 Comments Only

Comments (Use additional pages as necessary)

Agencies: Please respond to questions on page 3. If no response is provided, it will be assumed that your agency has no issues of concern at this point.

Name

Title

Signature

Date

Name

Agency

Date

With the information you have now, does your agency have any concerns related to how the Preferred Alternative was derived?

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From: [Tomaselli, Christina](mailto:Tomaselli.Christina)
To: William.d.Abadie@usace.army.mil
Cc: "Michael.D.Helton@usace.army.mil"; "Benny.A.Dean@usace.army.mil"; "Sally.A.Bird-Gauvin@usace.army.mil"; "Kristen.A.Hafer@usace.army.mil"; "Kristin.M.Scheidt@usace.army.mil"; "Emily.Cline@dot.gov"; "Mike.Morrow@dot.gov"; "Megan.Neill@multco.us"; elizabeth.britell@multco.us; Drahota, Steve M.; "SPhelps@parametrix.com"; Tomaselli, Christina
Subject: EQRB Preferred Alternative Concurrence Form Request - USACE
Date: Wednesday, November 9, 2022 2:45:51 PM
Attachments: [EQRB Preferred Alternative Concurrence Form Nov2022.pdf](#)

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Regards,

Christina Tomaselli

Project Administrator

HDR

1050 SW 6th Ave, Suite 1800

Portland, OR 97204

☎ 503-423-3830

christina.tomaselli@hdrinc.com

hdrinc.com/follow-us

Concurrence Form for Preferred Alternative

Lead Agencies	FHWA, Multnomah County, ODOT
Project	Earthquake Ready Burnside Bridge
Class	EIS
Highway	N/A (Local Street)
County	Multnomah County
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Comments (Use additional pages as necessary)

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From: [Tomaselli, Christina](mailto:Tomaselli.Christina)
To: Steven.M.Fischer3@uscg.mil
Cc: Carl.F.Smith@uscg.mil; Allen.M.Garneau@uscg.mil; "Emily.Cline@dot.gov"; "Mike.Morrow@dot.gov"; "Megan.Neill@multco.us"; elizabeth.britell@multco.us; [Drahota, Steve M.](mailto:Drahota.Steve.M.); "SPhelps@parametrix.com"; [Tomaselli, Christina](mailto:Tomaselli.Christina)
Subject: EQRB Preferred Alternative Concurrence Form Request - USCG
Date: Wednesday, November 9, 2022 2:45:55 PM
Attachments: [EQRB Preferred Alternative Concurrence Form Nov2022.pdf](#)

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Christina Tomaselli

Project Administrator

HDR

1050 SW 6th Ave, Suite 1800

Portland, OR 97204

D 503-423-3830

christina.tomaselli@hdrinc.com

hdrinc.com/follow-us

Concurrence Form for Preferred Alternative

Lead Agencies	FHWA, Multnomah County, ODOT
Project	Earthquake Ready Burnside Bridge
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Concurrence Decision

Concur
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 Comments Only

Comments (Use additional pages as necessary)

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Name

Title

Signature

Date

Name

Agency

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From: [Dean, Benny A Jr. CIV USARMY CENWP \(USA\)](#)
To: [Tomaselli, Christina](#)
Cc: [Cline, Emily \(FHWA\)](#); Mike.Morrow@dot.gov; Megan.Neill@multco.us; elizabeth.britell@multco.us; [Drahota, Steve M.](#); [Shane Phelps](#)
Subject: RE1: EQRB Preferred Alternative Concurrence Form Request - USACE (comment)
Date: Friday, December 2, 2022 6:46:11 AM

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Christina,

Apparently the holiday this last week really slowed down our responsiveness. Our response has reached our executive office last night and I anticipate the response coming either later today or by the end of the day on Monday. As a spoiler alert about our response, we have selected “non-participating” as the Corps is not an opponent or proponent of a proposed project. And since the FHWA is the lead agency, we will defer to the agency’s findings of what the preferred alternative is. We are reviewing the scope of the alternatives to ensure the needs of our programs (Section 404 & Section 408) have been covered. We are looking forward to the continued coordination as this project moves forward with the publication of the Final EIS.

Thank you for your time,

~Benny

Benny A. Dean Jr.
Project Manager
Regulatory Branch, Portland District
U.S. Army Corps of Engineers
 (541) 465-6769
Email: benny.a.dean@usace.army.mil

From: Tomaselli, Christina <Christina.Tomaselli@hdrinc.com>
Sent: Monday, November 21, 2022 11:08 AM
To: Dean, Benny A Jr. CIV USARMY CENWP (USA) <Benny.A.Dean@usace.army.mil>
Cc: Cline, Emily (FHWA) <Emily.Cline@dot.gov>; Mike.Morrow@dot.gov; Megan.Neill@multco.us; elizabeth.britell@multco.us; Drahota, Steve M. <steven.drahota@hdrinc.com>; Shane Phelps <SPhelps@parametrix.com>
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: EQRB Preferred Alternative Concurrence Form Request - USACE

Hi Benny,

On or before December 1 would be fine.

Thank you for your help with this effort.

Christina Tomaselli

D 503-423-3830

hdrinc.com/follow-us

From: Dean, Benny A Jr. CIV USARMY CENWP (USA) <Benny.A.Dean@usace.army.mil>

Sent: Friday, November 18, 2022 2:22 PM

To: Tomaselli, Christina <Christina.Tomaselli@hdrinc.com>

Cc: Cline, Emily (FHWA) <Emily.Cline@dot.gov>; Mike.Morrow@dot.gov; Megan.Neill@multco.us; elizabeth.britell@multco.us; Drahota, Steve M. <steven.drahota@hdrinc.com>; Shane Phelps <SPhelps@parametrix.com>

Subject: RE: EQRB Preferred Alternative Concurrence Form Request - USACE

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon Christina,

The Corps is working on providing a response, however due to the holiday it will take us a little time to work our response through the chain of command. I anticipate we could have a response the following week, possibly around December 1, however it could be sooner depending when we catch folks as they come in and out of the office.

Please let me know if there are any concerns about us being a little behind with providing a response. We are still working to find ways to improve our ability to respond faster. Have a wonderful weekend!

~Benny

Benny A. Dean Jr.

Project Manager

Regulatory Branch, Portland District

U.S. Army Corps of Engineers

 (541) 465-6769

Email: benny.a.dean@usace.army.mil

From: Tomaselli, Christina <Christina.Tomaselli@hdrinc.com>

Sent: Wednesday, November 9, 2022 2:46 PM

To: Abadie, William D CIV USARMY CENWP (USA) <William.D.Abadie@usace.army.mil>

Cc: Helton, Michael D (Mike) COL USARMY CENWP (USA) <Michael.D.Helton@usace.army.mil>; Dean, Benny A Jr. CIV USARMY CENWP (USA) <Benny.A.Dean@usace.army.mil>; Bird-Gauvin, Sally A CIV USARMY CENWP (USA) <Sally.A.Bird-Gauvin@usace.army.mil>; Hafer, Kristen A CIV USARMY CENWD (USA) <Kristen.A.Hafer@usace.army.mil>; Scheidt, Kristin M CIV USARMY CENWP (USA) <Kristin.M.Scheidt@usace.army.mil>; Cline, Emily (FHWA) <Emily.Cline@dot.gov>; Mike.Morrow@dot.gov; Megan.Neill@multco.us; elizabeth.britell@multco.us; Drahota, Steve M.

<steven.drahota@hdrinc.com>; Shane Phelps <SPhelps@parametrix.com>; Tomaselli, Christina <christina.tomaselli@hdrinc.com>

Subject: [URL Verdict: Neutral][Non-DoD Source] EQRB Preferred Alternative Concurrence Form Request - USACE

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Regards,

Christina Tomaselli

Project Administrator

HDR

1050 SW 6th Ave, Suite 1800

Portland, OR 97204

D 503-423-3830

christina.tomaselli@hdrinc.com

hdrinc.com/follow-us

From: [Dean, Benny A Jr. CIV USARMY CENWP \(USA\)](#)
To: [Tomaselli, Christina](#)
Cc: [Dean, Benny A Jr. CIV USARMY CENWP \(USA\)](#); [Bird-Gauvin, Sally A CIV USARMY CENWP \(USA\)](#); [Hafer, Kristen A CIV USARMY CENWP \(USA\)](#); [Scheidt, Kristin M CIV USARMY CENWP \(USA\)](#); [Cline, Emily \(FHWA\)](#); [Mike.Morrow@dot.gov](#); [Megan.Neill@multco.us](#); [elizabeth.britell@multco.us](#); [Drahota, Steve M.](#); [Shane Phelps; Tomaselli, Christina](#); [Mott, Katharine A CIV USARMY CENWP \(USA\)](#); [Abadie, William D CIV USARMY CENWP \(USA\)](#)
Subject: EQRB Preferred Alternative - Corps Response
Date: Friday, December 16, 2022 8:48:46 AM
Attachments: [20221216 01 ZA Sia Burnside Bridge ltr.pdf](#)
[20221216 02 ZA Sia Concurrence Form Nov2022.pdf](#)

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Ms. Tomaseli,

Please refer to the attached letter and response from the Corps on the EQRB Preferred Alternative.

If you have any questions or concerns, please feel free to let me know. Have a wonderful morning!

~Benny

Benny A. Dean Jr.
Project Manager
Regulatory Branch, Portland District
U.S. Army Corps of Engineers
 (541) 465-6769 - Office

Website: <http://www.nwp.usace.army.mil/Missions/Regulatory.aspx>

Digital applications can be submitted to
PortlandPermits@usace.army.mil

Please provide us feedback on how well we are performing our duties.

Please take our one page survey:

<https://regulatory.ops.usace.army.mil/customer-service-survey/>

Thank you for taking the time to complete the survey.



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PORTLAND DISTRICT
P.O. BOX 2946
PORTLAND, OR 97208-2946

December 16, 2022

SUBJECT: Burnside Bridge Preferred Alternative Comments, File No. NWP-2018-486,
Section 408-FY19-L044

Mr. Mike Morrow
Federal Highway Administration
Suite 501, Evergreen Plaza
711 Capitol Way South
Olympia, WA 98501
Mike.Morrow@dot.gov

Ms. Megan Neill
Multnomah County
1403 SE Water Avenue
Portland, OR 97214
Megan.Neill@multco.us

Mr. Denis Reich
Oregon Department of Transportation
123 NW Flanders Street
Portland, OR 97209
Denis.A.Reich@odot.oregon.gov

Dear Mr. Morrow, Ms. Neill, and Mr. Reich:

This letter is in response to the Federal Highway Administration's (FHWA), Multnomah County's, and Oregon Department of Transportation's November 9, 2022, request for the U.S. Army Corps of Engineers, Portland District's (Corps) formal concurrence on the preferred alternative for the Earthquake Ready Burnside Bridge project (EQRB) to be identified in the Final EIS and Record of Decision. The Corps has selected "non-participating" on the enclosed form for the purposes of the preferred alternative concurrence point.

The implementing regulations for the National Environmental Policy Act require an agency's preferred alternative to be identified in the final environmental impact statement unless another law prohibits the expression of such a preference (40 CFR § 1502.14). The Corps is evaluating the EQRB project for authorization by a Department of the Army permit under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act of 1899 (RHA) and for permission under Section 14 of the RHA (also known as Section 408). When conducting an evaluation under these

authorities the Corps is neither a proponent nor opponent of a proposed project. As a result, the Corps does not express a preference for a particular alternative.

We look forward to continuing our coordination with the FHWA and the publication of the Final EIS. Questions regarding the Corps' permit process should be directed to Mr. Benny A. Dean Jr. by telephone at (541) 465-6769, or by email at Benny.A.Dean@usace.army.mil. Questions regarding Section 408 permission review should be directed to Ms. Sally Bird-Gauvin, by telephone at (503) 808-4765, or by email at Sally.A.Bird-Gauvin@usace.army.mil.

Sincerely,

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Michael D. Helton, PMP
Colonel, Corps of Engineers
District Commander

Enclosure
cc:

HDR (Christina Tomaselli, christina.tomaselli@hdrinc.com)
Federal Highway Administration (Emily Cline, Emily.Cline@dot.gov)

Concurrence Form for Preferred Alternative

Lead Agencies	FHWA, Multnomah County, ODOT
Project	Earthquake Ready Burnside Bridge
Class	EIS
Highway	N/A (Local Street)
County	Multnomah County
Initial Review	Fall 2018
Concurrence Form Distributed	November 9, 2022
Signed Concurrence Due Date	November 22, 2022

FHWA, Multnomah County and Oregon DOT, as NEPA lead agencies for the Earthquake Ready Burnside Bridge project, are requesting formal concurrence from cooperating agencies on the preferred alternative to be identified in the Final EIS and Record of Decision. We request that you please provide a written (email is adequate) response within 10 days of receiving this, indicating whether you concur or do not concur.

The Preferred Alternative to be identified in the Final EIS and Record of Decision is the same as described in the Supplemental Draft EIS issued on April 29, 2022, and as described in the preliminary Final EIS reviewed by cooperating agencies between August 15, 2022 to September 5, 2022. A copy of the preliminary Final EIS chapter that describes the Preferred Alternative is attached.

As a reminder, the timeline to reach a decision on the Preferred Alternative including the following milestones and process:

- The 2016-2018 Earthquake Ready Burnside Bridge Feasibility Study developed a draft project purpose and need statement, and evaluated over 100 potential project alternatives and options. Through agency and public input, the long list was narrowed to four build alternatives plus a No-Build Alternative. Cooperating agencies were requested to concur on the Purpose and Need statement, and on the range of alternatives to be studied in the EIS.
- A Draft EIS was published February 5, 2021. The Draft EIS identified a preferred alternative (The Long-span Replacement Alternative). Cooperating agencies were given an opportunity to review and comment on the preliminary Draft EIS prior to publication.
- A Supplemental Draft EIS was published April 29, 2022 and the public commented period ended on June 13, 2022. The Supplemental Draft EIS was prepared to evaluate a refined version of the Long-span Replacement Alternative. The purpose of the refinements was to reduce the overall cost to construct the bridge while still achieving the seismic performance and environmental benefits of the Long-span Alternative. The Supplemental Draft EIS identified the Refined Long-span Alternative as the new preferred alternative. Cooperating agencies were given an opportunity to review and comment on the preliminary Supplemental Draft EIS prior to publication.

- A preliminary Final EIS has been drafted and was reviewed by the cooperating agencies from August 15, 2022 to September 5, 2022. Like the Supplemental Draft EIS, the Final EIS identifies the Refined Long-span Alternative as the Preferred Alternative (it is described in Chapter 6 of the preliminary Final EIS reviewed by cooperating agencies). Cooperating agencies are now being given an opportunity to concur on the Preferred Alternative prior to finalization of the Final EIS. FHWA intends to publish a combined Final EIS/Record of Decision.

Concurrence Point: Preferred Alternative

Cooperating Agency	Agency Representative/Alternates
USCG	Steve Fischer
	Cc: Carl Smith, Allen Garneau
NOAA/NMFS	Kathleen Wells
	Cc: Tom Loynes, Kim Kratz, Dale Youngkin, Helen Chabot, Shelby Mendez, Elif Wilkins
USACE	William Abadie
	Cc: Col. Michael Helton, Benny Dean, Sally Bird-Gauvin, Kristen Hafer, Kristin Scheidt

Concurrence Decision

Concur
 Non-Concur
 Non-Participating
 Comments Only

Comments (Use additional pages as necessary)

Agencies: Please respond to questions on page 3. If no response is provided, it will be assumed that your agency has no issues of concern at this point.

Name Michael D. Helton, PMP

Title Colonel, Corps of Engineers
District Commander

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16 DEC 2022

Signature

Date

Name Michael D. Helton, PMP

Agency U.S. Army Corps of Engineers

Date

With the information you have now, does your agency have any concerns related to how the Preferred Alternative was derived?

No Comments.

With the information you have now, does your agency have any concerns that a potentially less environmentally damaging reasonable alternative has been overlooked, or that the proposed alternative may include impacts that could result in substantial delay or prevent your agency from granting a permit or approval?

No Comments.

At this time does your agency have any comments related to the Preferred Alternative?

No Comments.

From: [Megan Neill](#)
To: [Ryan Rucker](#); [Beth Britell](#); [Drahota, Steve M.](#); [Bauman, Brian S.](#); [Siebenaler, April](#); [Tomaselli, Christina](#)
Subject: Fwd: Burnside Bridge PNCD
Date: Monday, May 1, 2023 2:43:53 PM
Attachments: [Burnside Bridge PNCD Letter\(Signed 5-1-23\).pdf](#)

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Megan Neill, PE
Engineering Services Manager
Multnomah County I Transportation Division - Bridges
(D) 503-988-0437 (C) 503-360-6222
megan.neill@multco.us | www.burnsidebridge.org

----- Forwarded message -----

From: **Smith, Carl F CTR (USA)** <Carl.F.Smith@uscg.mil>
Date: Mon, May 1, 2023 at 1:33 PM
Subject: Burnside Bridge PNCD
To: Megan Neill <Megan.Neill@multco.us>
Cc: Berliner, David F CIV USCG SEC COL RIVER (USA) <David.F.Berliner@uscg.mil>, Fischer, Steven M CIV USCG D13 (USA) <Steven.M.Fischer3@uscg.mil>, Shane Phelps <sphelps@parametrix.com>

Good day Ms. Neill:

Attached please find a “Preliminary Navigation Clearance Determination” (PNCD) letter for the proposed Earthquake Ready Burnside Bridge. Please contact me or Mr. Fischer if you should have any questions regarding the PNCD.

Respectfully,

Carl F Smith, CTR

Project Manager/Environmental Reviewer

Waterways Management

U.S. Coast Guard District 13

915 Second Avenue, Room 3510

Seattle, WA 98174-1067

V: 206 220-7277

F: 206 220-7265

Email: Carl.F.Smith@uscg.mil



16591
1 May 2023

Megan Neill, PE, Engineering Services Manager
Multnomah County, Oregon
1403 SE Water Ave., Portland, OR 97214

Subj: Earthquake Ready Burnside Bridge

Dear Ms. Neill:

Multnomah County Oregon proposes to replace the existing Burnside Bridge across the Willamette River, in Portland Oregon, with a new seismically resilient Earthquake Ready Burnside Bridge that will remain operational and accessible for vehicles and other modes of transportation following a major Cascadia Subduction Zone earthquake. A seismically resilient Burnside Bridge will support the region's ability to provide rapid and reliable emergency response, rescue, and evacuation after a major earthquake, as well as enable post-earthquake economic recovery. In addition to ensuring that the crossing is seismically resilient, the purpose is also to provide a long-term, low-maintenance and safe bridge crossing for all users.

The new bridge will cross the Willamette River at essentially the same location as the existing bridge, at river mile 12.4, Lat: 45.31.23 N; Long: 122.40.032 W.

After reviewing several sources of information for the project including; Preliminary Navigation Study (PNS) dated November 18, 2019 and January 29, 2021, the applicant's initial Coast Guard bridge permit application, bridge Plan Sheets dated 4/11/2023; and comments received from mariners/maritime stakeholders collected from Public Notice #07-20, the Coast Guard is issuing this Preliminary Navigation Clearance Determination (PNCD) letter.

The Coast Guard determines that a permanent bascule type drawbridge at the subject location must provide the minimum vertical and horizontal navigational clearances as shown in the table below in order to meet the reasonable needs of navigation at the bridge location.

Bascule Drawbridge Alternative	<u>Existing</u>	<u>Proposed</u>
Horizontal (open)	Main channel: 120 ft. between tips of bascule spans in the open to navigation position	Main channel: = or > 130 ft. between tips of bascule spans in the open to navigation position

Horizontal (closed)	Main channel: 205 ft. West channel: 250 ft. East channel: 167 ft.	Main channel: 205 ft. West channel: = or > 100 ft. East Channel: = or > 100 ft.
Vertical (open) Vertical (closed)	Main channel: Unlimited Main channel: 64.0 ft. West channel: 28 ft to 36 ft. East channel: 35 ft to 37 ft.	Main channel: Unlimited Main channel: = or > 65.8 ft. West channel: = or > 28 ft. East channel: = or > 35 ft.

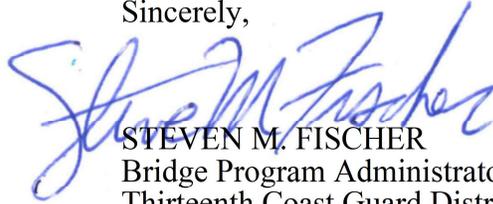
Note: the navigation clearances noted in the above table are referenced to the Columbia River Datum (CRD) as depicted on NOAA Nautical Chart 18526. The chart can be found at the link: <https://charts.noaa.gov/OnLineViewer/18526.shtml>

This determination is based on the following factors:

1. The current bridge meets the reasonable needs of current and prospective navigation and the proposed bridge will maintain the same or greater navigational clearances, using the clearances shown in the Table above, and therefore will meet the reasonable needs of current and prospective navigation.
2. The NIR indicates that the clearances listed in the Table will meet the reasonable needs of navigation.
3. Plan Sheet drawings provided by the applicant, dated 4/11/2023.
4. Any temporary work structures used during construction of the permanent bridge shall maintain the minimum navigation clearances in the main navigation channel as follows: Vertical: 64.0 feet (in the closed position, as measured from CRD); Horizontal: 165 feet.
5. The new bridge will be required to include a bridge pier protection system.

The final Coast Guard navigation determination will be based on the final bridge design's ability to meet the reasonable needs of current and future navigation, as determined by the Coast Guard. If you have any questions or concerns please call me at (206) 220-7282 or email at steven.m.fischer3@uscg.mil.

Sincerely,



STEVEN M. FISCHER
Bridge Program Administrator
Thirteenth Coast Guard District
By direction

Copy: Coast Guard Sector Portland, Waterways Management
Shane Phelps, ODOT Consultant