



Senior Agency Staff Group – Agenda Meeting #7

Project: Earthquake Ready Burnside Bridge

Subject: Senior Agency Staff Group Meeting #7

Date: Monday, May 13, 2019

Time: 1:00 to 3:00 p.m.

Location: HDR - 1050 SW 6th Ave, Suite 1800, Portland; 17 Downing Conference Rm

SASG Members:

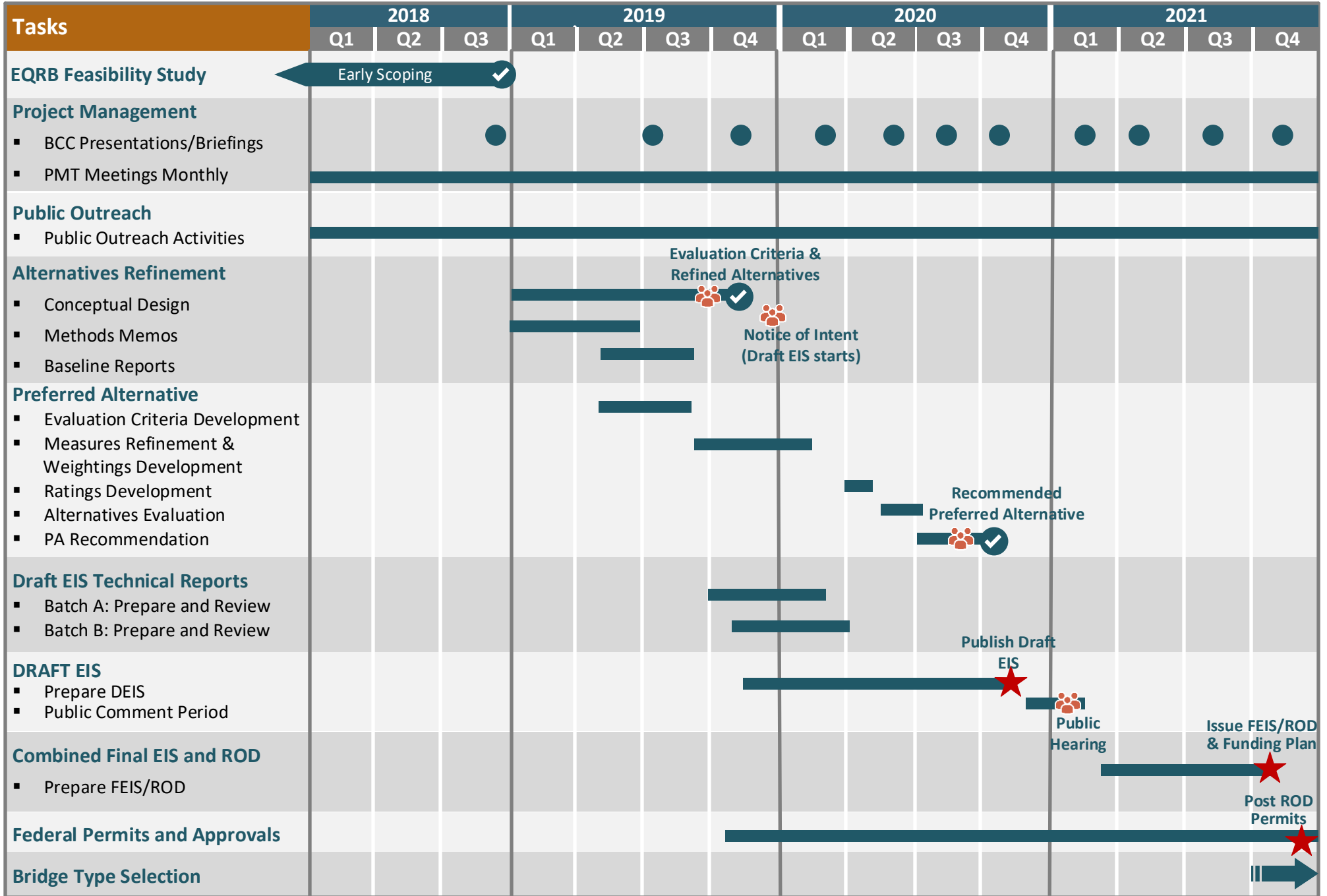
Mark Lear, City of Portland
 Brian Monberg, City of Gresham
 Chris Deffebach, Washington County
 Malu Wilkinson, Metro
 Shelly Haack, Prosper Portland
 Mike Bezner, Clackamas County
 Steve Witter, TriMet
 Mike Morrow, FHWA
 Sam Hunaidi, ODOT
 Amanda Kraus, Sen. Kathleen Taylor’s Office
 Dan Bower, Portland Streetcar
 Greg Theisen, Port of Portland
 Zoe Bluffstone, Rep. Smith Warner’s Office

Project Team Members:

Ian Cannon, MultCo
 Megan Neill, MultCo
 Liz Smith Currie, MultCo
 Chris Fick, MultCo
 Kim Peoples, MultCo
 Jon Henrichsen, MultCo
 Mike Pullen, MultCo
 Emily Miletich, MultCo
 Joanna Valencia, MultCo
 Jamie Waltz, MultCo
 Jeston Black, MultCo
 Heather Catron, HDR
 Steve Drahota, HDR
 Cassie Davis, HDR
 Jeff Heilman, Parametrix
 Alice Sherring, EnviroIssues
 Laura Peña, EnviroIssues

Agenda:

1:00 p.m.	Welcome and Introductions	Heather Catron
1:05 p.m.	Opening Remarks	Megan Neill
1:10 p.m.	Project Update <ul style="list-style-type: none"> • Funding Opportunities • Project Timeline • Deliverables Review • CTF Workplan • Working/Focus Groups Status 	Heather Catron / Jeff Heilman / Steve Drahota
1:30 p.m.	Diversity, Equity and Inclusion Focus Group	Mike Pullen / Alice Sherring
2:00 p.m.	Constructability and Estimating	Steve Drahota
2:20 p.m.	Construction Approach: Temporary Diversion Bridge	Steve Drahota
2:50 p.m.	Upcoming Meetings and Closing Remarks	Megan Neill
3:00 p.m.	Adjourn	All

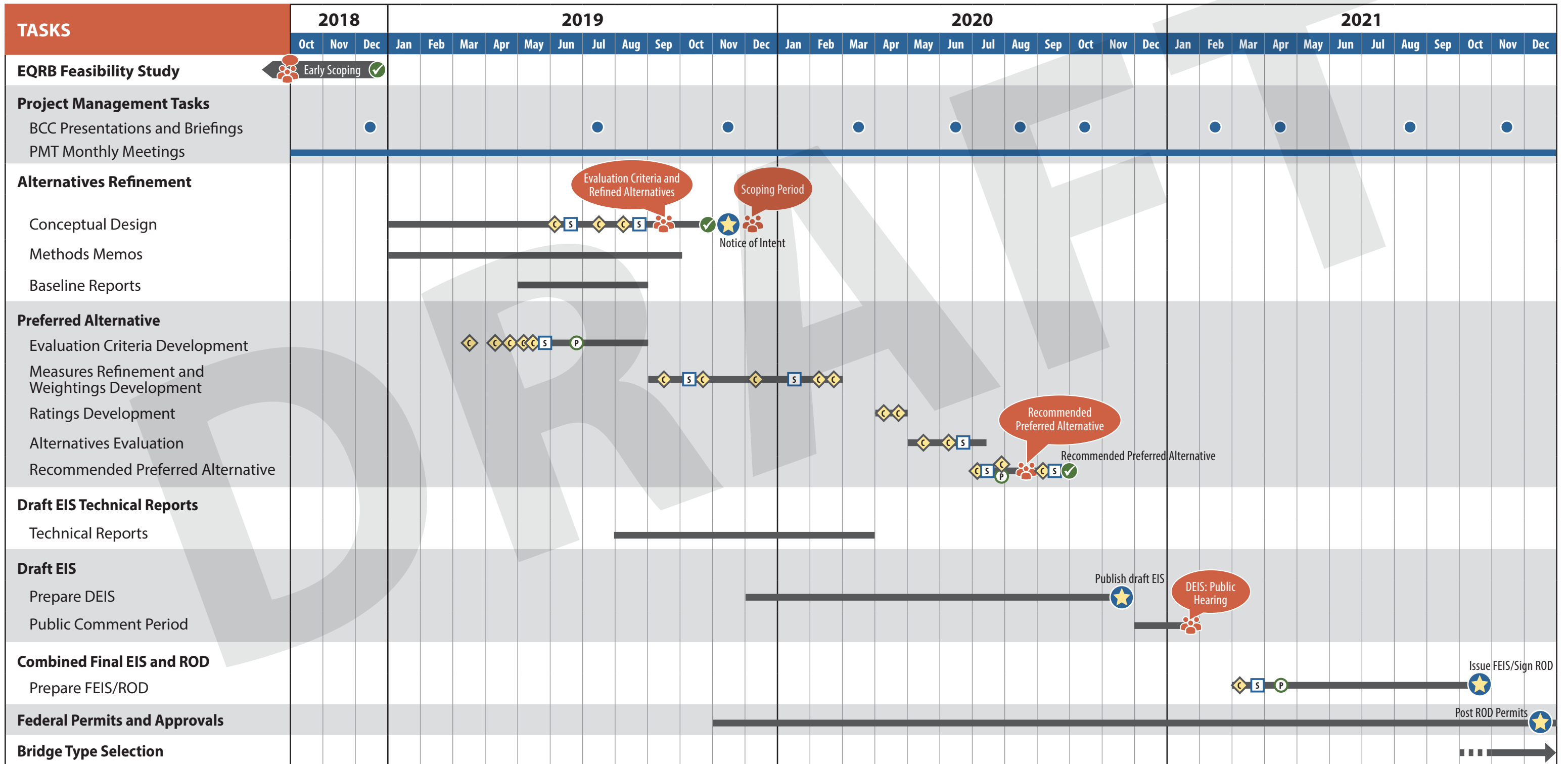


KEY MILESTONES SCHEDULE

Environmental Phase

BETTER – SAFER – CONNECTED

Updated 5/7/2019



EQRB Working Group / Focus Group Schedule					
NAME	OBJECTIVE	WHO	WHAT / AGENDA TOPICS	WHEN	STATUS
Roadway / Transit (Motorized)	To provide early technical input on motorized design standards and preferences.	<ul style="list-style-type: none"> City of Portland (PBOT: Teresa Boyle, Jamie Jeffrey, Ningsheng Zhou) ODOT (David Warrick, Doug Stanley (alternate)) Portland Streetcar (Andrew Plambeck) TriMet (John Griffiths) Multnomah County (Megan Neill) Consultant (Heather Catron, Steve Drahota, Steve Katko, James Shamrell, Sumi Malik, Omar Jaff, Mark Dorn, Christina Tomaselli) CTF: Laurelhurst NA (Fred Cooper); Oregon Walks (Paul Leitman); Portland Freight Advisory Committee (Bill Burgel); Gresham Area Chamber of Commerce (Neil Jensen) 	1. Project / WG Introduction; Roadway / transit design standards and criteria; Preliminary Geometrics	2/25/2019	Complete
			2. Specific motorized design details (if required)	Jul-19	
Multi-Modal	To provide technical input on the bridge uses, typical sections, and connections to the existing multi-modal networks.	<ul style="list-style-type: none"> City of Portland (PBOT: Teresa Boyle, Jamie Jeffrey, Roger Geller, Michelle Marx, Matt Kelly; Parks: Tate White) Portland Streetcar (Andrew Plambeck) Metro (Anthony Buczek, Alex Oreschak (alternate)) TriMet (John Griffiths) ODOT (Basil Christopher) Multnomah County (Megan Neill, Kate McQuillan) Consultant (Heather Catron, Steve Drahota, Steve Katko, James Shamrell, Adrian Witte (Robert Burchfield alt.), Lauren Wilbur, Sumi Malik, Omar Jaff, Rebecca Bautista (Opt.)) <p>Additional Community Invites:</p> <ul style="list-style-type: none"> Street Trust (Jillian Detweiler) Lyft (Dorothy Mitchell) Oregon Walks (Paul Leitman - CTF) Disability Rights Oregon (Matt Hoffman - CTF) MultCo BPAC (Art Graves - CTF) AAA (Marie Dodds - CTF) Portland Freight Advisory Committee (Bill Burgel - CTF) Bus Lane Project (TBD) Oregon Trucking Administration (TBD) Gresham Area Chamber of Commerce (Neil Jensen - CTF) 	1. WG Introduction; Multi-modal design criteria; Refined roadway and bike/ped geometrics	4/8/2019	Complete
			2. Bridge width options and cross-section options; Park accesses and impacts	5/7/2019	
			3. Refined bridge width options and cross-section options	Jun-19	
			4. Construction staging options and impacts	Jul-19	
			5. Alternatives design concepts review	Aug-19	
			6. TBD (if required)	Sep-19	
Constructability / Estimating	To provide technical input on construction approach and cost estimates.	<ul style="list-style-type: none"> City of Portland (PBOT: Teresa Boyle, Cameron Glasgow) ODOT (David Warrick, Maggie Bartley, Doug Stanley, Katie Bell, Shaneka Owens (FHWA), Zachary Horowitz (Opt.), Jennifer Mora (Opt.)) Multnomah County (Megan Neill, Ian Cannon, Emily Miletich) Consultant (Heather Catron, Steve Drahota, Steve Katko, Mark Libby, Jason Ruth, Brett Schneider, Kevin Parrish, Christina Tomaselli) CTF: Gresham Coalition of Neighborhoods (Stella Funk-Butler); Portland Freight Advisory Committee (Bill Burgel); Community Member at-Large (Ed Wortman) 	1. Project / WG introduction; Construction methods; Estimating approach	4/26/2019	Complete
			2. Construction methods and impacts	May-19	Scheduled
			3. Estimating parameters	Jul-19	
			4. Estimate review	Aug-19	
Transportation	To provide technical input on traffic analysis and planning.	<ul style="list-style-type: none"> City of Portland (PBOT: Teresa Boyle, Jamie Jeffrey, Ningsheng Zhou, Clay Veka, Matthew Kelly (Ferris-Smith), Katherine Levine, Jennifer Mora (Opt.)) Metro (Anthony Buczek) Portland Streetcar (Andrew Plambeck) ODOT (Katie Bell, Zachary Horowitz (alternate)) FHWA (Shaneka Owens) Multnomah County (Megan Neill, Brendon Haggerty) Consultant (Heather Catron, Steve Drahota, Steve Katko, Sumi Malik, Christina Tomaselli, Ryan LeProwse, Adrian Witte) CTF: Laurelhurst NA (Fred Cooper); Oregon Walks (Paul Leitman); Portland Freight Advisory Committee (Bill Burgel); MultCo BPAC (Art Graves); Gresham Area Chamber of Commerce (Neil Jensen) 	1. Project / WG Introduction; Transportation Methodology Memo feedback	2/15/2019	Complete
			2. Traffic analysis approach	5/2/2019	Scheduled
			3. Traffic analysis approach (if required)	TBD	
			4. Construction staging	June-19	
			5. TBD (if required)	Jul-19	



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EQRB Working Group / Focus Group Schedule					
NAME	OBJECTIVE	WHO	WHAT / AGENDA TOPICS	WHEN	STATUS
Seismic	To provide early technical input on non-motorized design standards and preferences.	<ul style="list-style-type: none"> City of Portland (PBOT: Cameron Glasgow) ODOT (Bridge: Bruce Johnson; Region 1: Liantao Xu, Albert Nako) Portland State University (Peter Dusicka, Evan Kristof) FHWA (Tim Rogers) Multnomah County (Megan Neill, Jon Henriksen, Ian Cannon) Consultant (Heather Catron, Steve Drahota, Dave Korpi, Mark Libby, Yuhe Yang, Justin Doomink, Park Piao, Rebecca Bautista, Christina Tomaselli) CTF: Portland Freight Advisory Committee (Bill Burgel); Community Member at-Large (Ed Wortman) 	1. Project / WG Introduction; Seismic design criteria and analysis refinement approach review	2/14/2019	Complete
			2. Review updated seismic design criteria; Review geotechnical hazard mitigation refinement	5/2/2019	Scheduled
			3. Refined seismic analysis findings review	Jul-19	
Natural Resources	To collect input from natural resource regulatory agencies that will or may have permitting authority on the project, so as to integrate permitting considerations in the DEIS and alternatives design.	<ul style="list-style-type: none"> NMFS (TBD) ACOE (TBD) USFW (TBD) DEQ (TBD) ODFW (TBD) DSL (TBD) ODOT (TBD) FHWA (TBD) City of Portland (BES: Kaitlin Lovell, Dave Nunamaker; Parks: Tate White) Multnomah County (Megan Neill) Consultant (Heather Catron, Jeff Heilman, Brian Bauman, Bill Hall, Rachel Barksdale) ODOT (Thomas Loynes, Devin Simmons) EPA (Anthony Barber) State of Oregon (Russ Klassen) US Army (Natalie Edwards) DEQ (Cheryl Grabham) CTF: Gresham Coalition of Neighborhoods (Stella Funk-Butler); Community Member at-Large (Sharon Wood Wortman) 	1. Interests and drivers	4/15/2019	Complete
			2. Input on IW construction methods and demolition; Stormwater approach and siting	May-19	In Progress
			3. Resources input for Baseline Reports	Aug-19	
			4. Every 3 months during DEIS; 1 During FEIS	TBD	
Cultural Resources	To consolidate the coordination with and input from potential Section 106 consulting parties, as part of implementing the Section 106 process.	<ul style="list-style-type: none"> City of Portland (BDS: Art Graves; BPS: Nicholas Starin; Parks: Tate White) ODOT (Roy Watters, Robert Hadlow, Jeff Buckland, Tom McConnell) FHWA (Emily Cline, Shaneka Owens) SHPO (TBD) Multnomah County (Megan Neill, TBD) Consultant (Heather Catron, Jeff Heilman, David Ellis, Christina Tomaselli) Many other agencies are being considered for potential consulting party status. Finalizing that list requires coordination with SHPO which is anticipated in March 2019. CTF: Gresham Coalition of Neighborhoods (Stella Funk-Butler); Community Member at-Large (Ed Wortman); MultCo BPAC (Art Graves); Burnside Skatepark (Gabe Rahe) 	1. Interests and drivers; Impacted resources; Confirm review and approval process; API	May-19	
			2. Retrofit's historic impacts and process; Replacement bridge drivers and interests	Jun-19	
			3. TBD	Aug-19	
			4. Every 3 months during DEIS; One during FEIS	TBD	
Definition of Alternatives	To provide input on the definition of the build and no-build alternatives.	<ul style="list-style-type: none"> City of Portland (PBOT: Teresa Boyle, Jamie Jeffrey, Millicent Williams) ODOT (Doug Siu, Talia Jacobsen (alternate)) FHWA Multnomah County (Megan Neill, TBD) Consultant (Heather Catron, Jeff Heilman, Steve Drahota, TBD) CTF: Community Member at-Large (Sharon Wood Wortman); MultCo BPAC (Art Graves) 	1. Annotated Outline feedback (incl. No build)	5/30/19 (No Build)	Scheduled
			2. Draft Definition (incl. No build)	Jun-19	
			3. Final Definition (incl. No build)	Jul-19	
Urban Design/Aesthetics	To inform early urban design and aesthetics considerations.	<ul style="list-style-type: none"> Multnomah County (Megan Neill, TBD) Consultant (Catron, Heilman, Mayer Reed staff, TBD) TriMet (Steve Witter) CTF: Gresham Coalition of Neighborhoods (Stella Funk-Butler); Community Members at-Large (Ed Wortman and Sharon Wood Wortman); MultCo BPAC (Art Graves); Burnside Skatepark (Gabe Rahe) Others (TBD) 	1. Discuss the approach to urban design and aesthetics during NEPA	June-19	
			2. TBD		
			3. TBD		
			4. TBD		

EQRB Working Group / Focus Group Schedule					
NAME	OBJECTIVE	WHO	WHAT / AGENDA TOPICS	WHEN	STATUS
Emergency Management	To provide insight on Emergency Management plans, and technical needs (access, capacity, etc.).	<ul style="list-style-type: none"> • PBEM (TBD) • RDPO (Laura Hansen, Rich Grant) • OEM (Althea Rizzo) • Metro (TBD) • ODOT Region 1 (Cory Hamilton, Geoff Bowyer (alternate)) • Clackamas County (Jay Wilson) • Washington County (John Wheeler) • Oregon State (Mike Harryman) • City of Portland (Don Russ, Teresa Boyle) • Multnomah County (Megan Neill, Alice Busch, Chris Voss, Tina Lefebvre) • USCG (James Marten) • Consultant (Heather Catron, Cassie Davis, TBD) • CTF: Gresham Coalition of Neighborhoods (Stella Funk-Butler); MultCo BPAC (Art Graves); Laurelhurst NA (Fred Cooper); American Medical Response (Robert McDonald) 	1. Needs and drivers - access/capacity for everyday use, during construction and post-earthquake; plans and policies assessment	TBD	
Social Services	To provide insight on access, housing, shelter and service needs.	<ul style="list-style-type: none"> • Portland Rescue Mission (Timothy Desper (CTF), Eric Bauer) • Central City Concern (Kathy Pape (CTF), Gary Cobb) • Bridgetown Night Strike (Lesley Snider) • A Home for Everyone (Marc Jolin) • Ride Connection (Mike Mullins) • Mercy Corps (Tesia Eisenberg (CTF)) • Salvation Army (Kitty Bunten, Kristi Bugge) • JOIN (Shannon Singleton, Will Harris) • Union Gospel Mission (Peter Kelley) • Multnomah County (Megan Neill, Jennifer Masotja) • Consultant (Heather Catron, Cassie Davis, Andre Baugh) 	1. Evaluation Criteria (interests and needs) and Measures (information needs) (access and service needs for everyday use, during construction and post-earthquake; housing/shelter plans and projected needs post-construction; maintenance project update; equity lens)	N/A - one-on-one meetings with directly impacted stakeholders	
			Construction impacts and detour bridge		
			Potential mitigation ideas		
			2. Input on draft measures for social services criteria; input on diversion bridge options	Winter 2019	
			3	TBD	
Diversity / Equity / Inclusion	To provide insight on diversity, equity and inclusion best practices and lessons learned amongst agencies. This group will also discuss how agency equity lenses are being applied to projects and insight on how to apply DEI best practices and an equity lens to the EQRB project.	<ul style="list-style-type: none"> • Multnomah County (Megan Neill, Mike Pullen, Ian Cannon, Liz Smith Currie, Kate (Katherine) McQuillan, Joanna Valencia, Benjamin Duncan, Daniel Garcia, Diego Basabe) • Consultant (Heather Catron, Jeff Heilman, Andre Baugh, Cassie Davis) • ODOT (Max Bernstein (Equity-related), Kelly Ball (PI-related)) • TriMet (John Gardner) • Port of Portland (Steve Nakana) • Portland Streetcar (Andrew Plambeck) • Metro (Cliff Higgins) • City (Millicent Williams, Corrine Montana, Taylor Campi) 	1. Gain insight on DEI best practices, lessons learned and tools for success; and learn how agency equity lenses are being applied to infrastructure projects.	25-Apr-19	Complete
			2. TBD		
			3. TBD		
			4. TBD		
City TAC	To conduct inter-bureau coordination on the key issues of the month.	<ul style="list-style-type: none"> • Multnomah County (Megan Neill, TBD) • Consultant (Heather Catron, Jeff Heilman, Steve Drahota, Cassie Davis) • City of Portland: (PBOT-PPP: Mauricio LeClerc, Zef Wagner, Mark Lear, Jamie Jeffrey, Cameron, Roger Geller, Michelle Marx, David McElDowney; BPS: Mark Raggatt, Nicholas Starin; BDS: Art Graves; BES: Dave Nunamaker, Kaitlin Lovell; Water: Mike Saling; Parks: Tate White Parks; Fire: Don Russ; Attorney's Office: Ken McGair) 	1. TBD	Jun-19	
			2. TBD	Aug-19	
			3. TBD	Oct-19	
			Frequency TBD Thereafter	TBD	
Sustainability	To provide input on the projects sustainability approach and track progress of work plan.	<ul style="list-style-type: none"> • City of Portland (BPS: Nicholas Starin, Mark Raggatt; BES Kaitlin Lovell, Nishant Parulekar; PPR: Tate White) • Multnomah County (Megan Neill, John Wasiutynski, Brendon Haggerty, Andrea Hamberg; ACSI: Karianee Schlosshauer, Mara Gross) • Metro (Lake McTighe) • Consultant (Heather Catron, Jeff Heilman, Andre Baugh, Cassie Davis) • ODOT (Robert DeVassie) 	1. Sustainability workshop to review the framework of the Greenroads rating system and other best practices	5/30/2019	Scheduled
			2. TBD		
			3. TBD		
			4. TBD		

Notes:

1. Working Groups are intended to support alternatives development and be comprised of discipline experts (primarily agency staff) who provide objective input on detailed work products; These groups are NOT intended to support the evaluation criteria development as that is a separate process.
2. Identifying mitigation is an objective within each WG, not a stand-alone entity.
3. Utilities coordination will be conducted separately from a technical working group.



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EQRB Deliverables Log - DRAFT - updated 4/22/19												
Methods Memos	Lead Author(s)	Internal QC Reviewer(s)	County Reviewer(s)	ODOT Reviewer(s)	FHWA Reviewer(s)	Cooperating & Participating Agency Reviewers					Final Deliverable	Status
	Version 1	Version 2	Version 3	Version 3	Version 3	Start	Finish	Version 4	Start	Finish		Green = on schedule Red = behind
Land Use	Jen Hughes (PMX)	Shane Phelps (PMX)	Megan Neill (michael.cerbone@multco.us, adam.t.barber@multco.us)	Tom McConnell	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Economics	Ewa Tomaszewska (HDR)	Chris Williges (HDR)	Megan Neill (eric.j.arellano@multco.us)	Tom McConnell	Emily Cline	4/17/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Displacements and Relocations	Josh Ahmann (PMX)	Shane Phelps (PMX)	Megan Neill (michael.a.sublett@multco.us)	Kat Halpenny	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Neighborhoods and Social	Josh Channell (PMX)	Shane Phelps (PMX)	Megan Neill (katherine.mcquillan@multco.us)	Jeff Buckland	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
EJ and Equity	Josh Channell (PMX)	Shane Phelps (PMX)	Megan Neill (benjamin.e.duncan@multco.us, joanna.valencia@multco.us)	Jeff Buckland	Emily Cline	4/16/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Visual Resources	Josh Carlton (M/R)	Jeramie Shane (M/R)	Megan Neill (adam.t.barber@multco.us)	Magnus Bernhardt Michael Holtoff	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Parks and Recreation /6(f)	Jen Hughes (PMX)	Suzanne Carey (DEA) Jeff Heilman (PMX)	Megan Neill (katherine.mcquillan@multco.us)	Bob Hadlow Michael Holthoff	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Cultural Resources	Dave Ellis (WCRA)	Paula Johnson (WCRA) Jeff Heilman (PMX)	Megan Neill (adam.t.barber@multco.us)	Roy Watters Bob Hadlow	Emily Cline	4/16/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Flooding and Hydraulics	Paul Fendt (PMX) Julie Brandt (PMX)	Bill Hall (PMX)	Megan Neill (adam.t.barber@multco.us)	David McDonald	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Stormwater	Cory Gieseke (HDR)	Christine Higgins (Casso)	Megan Neill (rick.buen@multco.us)	Devin Simmons David McDonald	Emily Cline	4/17/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Vegetation, Wildlife and Aquatic Species	Brian Bauman (HDR) Bill Hall (PMX)	Carol Snead (HDR)	Megan Neill (adam.t.barber@multco.us)	Devin Simmons	Emily Cline	4/17/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Section 4(f)	Jen Hughes (PMX)	Jeff Heilman (PMX)	Megan Neill (adam.t.barber@multco.us, katherine.mcquillan@multco.us)	Bob Hadlow Michael Holthoff Natalie Liljenwall (Climate)	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Climate Change and Sustainability	Josh Channell (PMX) Janet Gonzalez (HDR)	Jeff Heilman (PMX)	Megan Neill (john.wasiutynski@multco.us, jessica.berry@multco.us)	Geoff Crook (Sustain) Michael Holthoff (Climate/Sustain)	Emily Cline	4/11/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Health Impact Assessment	Multnomah County	Jeff Heilman (PMX)	Megan Neill	Jeff Buckland	Emily Cline	TBD	TBD	Name of Reviewer - TBD	TBD	TBD	TBD	
Cumulative Effects	Josh Channell (PMX)	Jeff Heilman (PMX)	Megan Neill (adam.t.barber@multco.us, joanna.valencia@multco.us)	Jeff Buckland Michael Holtoff	Emily Cline	4/16/2019	4/30/2019	Name of Reviewer - TBD	5/20/2019	6/3/2019	7/14/2019	
Transportation	Ryan LeProwse (PMX) Sumi Malik (HDR)	Josh Channell (PMX)	Megan Neill (joanna.valencia@multco.us)	Kathryn Bell Zach Horowitz Doug Siu Jeff Buckland	Emily Cline	5/17/2019	5/31/2019	Teresa Boyle / Jamie Jeffries - PBOT	6/14/2019	6/28/2019	7/14/2019	



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EQRB Deliverables Log - DRAFT - updated 4/22/19												
Bridge Design Technical Reports	Lead Author(s)	Internal QC Reviewer(s)	County Reviewer(s)	ODOT Reviewer(s)	FHWA Reviewer(s)	Start	Finish	Cooperating & Participating Agency Reviewers			Final Deliverable	Status
	Version 1	Version 2	Version 3	Version 3	Version 3			Version 4	Start	Finish	Final Deliverable	Green = on schedule Red = behind
Bridge Seismic Retrofit Technical Report	Yuhe Yang (PMX)	Mark Libby (HDR)	Megan Neill (jon.p.henrichsen@multco.us, emily.miletich@multco.us)	Liantao Xu	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Cameron Glasgow - PBOT	8/30/2019	9/13/2019	9/27/2019	
Bridge Replacement Technical Report	Mark Libby (HDR)	Steve Drahotka (HDR)	Megan Neill (jon.p.henrichsen@multco.us, emily.miletich@multco.us)	Liantao Xu	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Cameron Glasgow - PBOT	8/30/2019	9/13/2019	9/27/2019	
Roadway Deficiencies Technical Memo	James Shamrell (PMX)	Steve Katko (PMX)	Megan Neill (patrick.j.hinds@multco.us)	David Warrick (Doug Stanley)	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle / Jamie Jeffries - PBOT	8/30/2019	9/13/2019	9/27/2019	
Geotechnical Memo	Park Piao (S&W)	Mark Libby (HDR)	Megan Neill	Tom Braibish	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Cameron Glasgow - PBOT	8/30/2019	9/13/2019	9/27/2019	
Frieght Rail Technical Memo	Sumi Malik (HDR)	Mark Libby (HDR)	Megan Neill	Bob Stolle	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle - PBOT	8/30/2019	9/13/2019	9/27/2019	
Preliminary Navigation Study Report	Matthew Lankowski (Glosten)	John Cross-Whiter (Glosten)	Megan Neill (jon.p.henrichsen@multco.us, emily.miletich@multco.us)	Liantao Xu	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle / Cameron Glasgow - PBOT	8/30/2019	9/13/2019	9/27/2019	
Right of Way Technical Memo	Leigh Enger (HDR)	Sumi Malik (HDR)	Megan Neill	Tina Gutierrez	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle - PBOT	8/30/2019	9/13/2019	9/27/2019	
Utilities Technical Memo	Tina Adams (CASSO)	Cory Burlingame (CASSO)	Megan Neill	Jane Estes	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle / Jamie Jeffries - PBOT	8/30/2019	9/13/2019	9/27/2019	
Construction Phasing Technical Memo	Brett Schneider (SC)	Jason Ruth (HDR)	Megan Neill (jon.p.henrichsen@multco.us, emily.miletich@multco.us)	David Warrick (Doug Stanley)	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle / Cameron Glasgow - PBOT	8/30/2019	9/13/2019	9/27/2019	
Construction Cost and Impacts Technical Memo	Brett Schneider (SC)	Jason Ruth (HDR)	Megan Neill (jon.p.henrichsen@multco.us, emily.miletich@multco.us)	Liantao Xu, David Warrick (Doug Stanley)	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle / Cameron Glasgow - PBOT	8/30/2019	9/13/2019	9/27/2019	
Cost Risk Analysis / Value Engineering (CRAVE) Workshop Report	TBD	Steve Drahotka (HDR)	Megan Neill (ian.b.cannon@multco.us, jon.p.henrichsen@multco.us, emily.miletich@multco.us)	David Warrick (Doug Stanley)	Emily Cline (Shaneka Owens)	8/30/2019	9/13/2019	Teresa Boyle / Cameron Glasgow - PBOT	8/30/2019	9/13/2019	9/27/2019	
Environmental Baseline Reports	Version 1	Version 2	Version 3	Version 3	Version 3	Start	Finish	Version 4	Start	Finish	Final Deliverable	Green = on schedule Red = behind
Land Use	Jen Hughes (PMX)	Shane Phelps (PMX)	Megan Neill (michael.cerbone@multco.us, adam.t.barber@multco.us)	Tom McConnell	Emily Cline	8/14/2019	8/28/2019	-	-	-	8/28/2019	
Economics	Ewa Tomaszewska (HDR)	Chris Williges (HDR)	Megan Neill (eric.j.arellano@multco.us)	Tom McConnell	Emily Cline	8/14/2019	8/28/2019	-	-	-	8/28/2019	
Displacements and Relocations	Josh Ahmann (PMX)	Shane Phelps (PMX)	Megan Neill (michael.a.sublett@multco.us)	Kat Halpenny	Emily Cline	8/19/2019	9/2/2019	-	-	-	9/2/2019	
Neighborhoods and Social	Josh Channell (PMX)	Shane Phelps (PMX)	Megan Neill (katherine.mcquillan@multco.us)	Jeff Buckland	Emily Cline	7/10/2019	7/24/2019	-	-	-	7/24/2019	
EJ and Equity	Josh Channell (PMX)	Shane Phelps (PMX)	Megan Neill (benjamin.e.duncan@multco.us, joanna.valencia@multco.us)	Jeff Buckland	Emily Cline	7/18/2019	8/1/2019	-	-	-	8/1/2019	
Visual Resources	Josh Carlton (M/R)	Jeramie Shane (M/R)	Megan Neill (adam.t.barber@multco.us)	Magnus Bernhardt Michael Holtoff	Emily Cline	8/16/2019	8/30/2019	-	-	-	8/30/2019	
Parks and Recreation /6(f)	Jen Hughes (PMX)	Suzanne Carey (DEA) Jeff Heilman (PMX)	Megan Neill (katherine.mcquillan@multco.us)	Bob Hadlow Michael Holthoff	Emily Cline	7/18/2019	8/1/2019	-	-	-	8/1/2019	
Cultural Resources	Dave Ellis (WCRA)	Paula Johnson (WCRA) Jeff Heilman (PMX)	Megan Neill (adam.t.barber@multco.us)	Roy Watters Bob Hadlow	Emily Cline	8/15/2019	8/29/2019	-	-	-	8/29/2019	
Public Services and Utilities	Jen Hughes (PMX) Tina Adams (CASSO)	Shane Phelps (PMX) Cory Burlingame (CASSO)	Megan Neill (monte.reiser@mcso.us, monika.johnson@multco.us) Megan Neill (riad.alharithi@multco.us)	Jane Estes	Emily Cline	7/17/2019	7/30/2019	-	-	-	7/30/2019	
Hazardous Materials	Rick Wadsworth (PMX)	Josh Channell (PMX)	Megan Neill (adam.t.barber@multco.us)	Tom Braibish Charles Schwartz	Emily Cline	8/15/2019	8/29/2019	-	-	-	8/29/2019	
Soils, Geology (integrated in DEIS with HazMat with separate Methods Memo)	Rick Wadsworth (PMX) Park Piao (SW)	Josh Channell (PMX)	Megan Neill (adam.t.barber@multco.us)	Tom Braibish Charles Schwartz	Emily Cline	8/15/2019	8/29/2019	-	-	-	8/29/2019	
Air Quality	Scott Noel (HMMH)	Phil DeVita (HMMH)	Megan Neill (john.wasiutynski@multco.us)	Natalie Lijjenwall	Emily Cline	8/12/2019	8/26/2019	-	-	-	8/26/2019	
Noise and Vibration	Scott Noel (HMMH)	Chris Bajdek (HMMH) Joe Czech (HMMH)	Megan Neill (john.wasiutynski@multco.us)	Daniel Burgin	Emily Cline	7/5/2019	7/19/2019	-	-	-	7/19/2019	
Wetlands and Waters	Brian Bauman (HDR)	Carol Snead (HDR)	Megan Neill (adam.t.barber@multco.us)	Ken Sargent	Emily Cline	8/15/2019	8/29/2019	-	-	-	8/29/2019	



Earthquake Ready Burnside Bridge

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EQRB Deliverables Log - DRAFT - updated 4/22/19												
	Lead Author(s)	Internal QC Reviewer(s)	County Reviewer(s)	ODOT Reviewer(s)	FHWA Reviewer(s)	Cooperating & Participating Agency Reviewers			Final Deliverable	Status		
Flooding and Hydraulics	Paul Fendt (PMX) Julie Brandt (PMX)	Bill Hall (PMX)	Megan Neill (adam.t.barber@multco.us)	David McDonald	Emily Cline	8/14/2019	8/27/2019	-	-	-	8/27/2019	
Stormwater	Cory Gieseke (HDR)	Christine Higgins (Casso)	Megan Neill (rick.buen@multco.us)	Devin Simmons David McDonald	Emily Cline	8/14/2019	8/27/2019	-	-	-	8/27/2019	
Vegetation, Wildlife and Aquatic Species	Brian Bauman (HDR) Bill Hall (PMX)	Carol Snead (HDR)	Megan Neill (adam.t.barber@multco.us)	Devin Simmons	Emily Cline	7/16/2019	7/30/2019	-	-	-	7/30/2019	
Tech Reports	Version 1	Version 2	Version 3	Version 3	Version 3	Start	Finish	Version 4	Start	Finish		Green = on schedule Red = behind
Land Use	Jen Hughes (PMX)	Shane Phelps (PMX)	Megan Neill (michael.cerbone@multco.us, adam.t.barber@multco.us)	Tom McConnell	Emily Cline	1/13/2020	1/31/2020	-	-	-	1/31/2020	
Economics	Ewa Tomaszewska (HDR)	Chris Williges (HDR)	Megan Neill (eric.j.arellano@multco.us)	Tom McConnell	Emily Cline	1/13/2020	1/31/2020	-	-	-	1/31/2020	
Displacements and Relocations	Josh Ahmann (PMX)	Shane Phelps (PMX)	Megan Neill (michael.a.sublett@multco.us)	Kat Halpenny	Emily Cline	12/16/2019	1/24/2020	-	-	-	1/24/2020	
Neighborhoods and Social	Josh Channell (PMX)	Shane Phelps (PMX)	Megan Neill (katherine.mcquillan@multco.us)	Jeff Buckland	Emily Cline	2/17/2020	3/6/2020	-	-	-	3/6/2020	
EJ and Equity	Josh Channell (PMX)	Shane Phelps (PMX)	Megan Neill (benjamin.e.duncan@multco.us, joanna.valencia@multco.us)	Jeff Buckland	Emily Cline	2/11/2020	3/2/2020	-	-	-	3/2/2020	
Visual Resources	Josh Carlton (M/R)	Jeramie Shane (M/R)	Megan Neill (adam.t.barber@multco.us)	Magnus Bernhardt Michael Holtoff	Emily Cline	1/13/2020	1/31/2020	-	-	-	1/31/2020	
Parks and Recreation /6(f)	Jen Hughes (PMX)	Suzanne Carey (DEA) Jeff Heilman (PMX)	Megan Neill (katherine.mcquillan@multco.us)	Bob Hadlow Michael Holthoff	Emily Cline	12/16/2019	1/24/2020	-	-	-	1/24/2020	
Cultural Resources	Dave Ellis (WCRA)	Paula Johnson (WCRA) Jeff Heilman (PMX)	Megan Neill (adam.t.barber@multco.us)	Roy Watters Bob Hadlow	Emily Cline	1/13/2020	1/31/2020	-	-	-	1/31/2020	
Public Services and Utilities	Jen Hughes (PMX) Tina Adams (CASSO)	Shane Phelps (PMX) Cory Burlingame (CASSO)	Megan Neill (monte.reiser@mcso.us, monika.johnson@multco.us) Megan Neill (riad.alharithi@multco.us)	Jane Estes	Emily Cline	1/6/2020	1/24/2020	-	-	-	1/24/2020	
Hazardous Materials	Rick Wadsworth (PMX)	Josh Channell (PMX)	Megan Neill (adam.t.barber@multco.us)	Tom Braibish Charles Schwartz	Emily Cline	1/6/2020	1/24/2020	-	-	-	1/24/2020	
Soils, Geology (integrated in DEIS with HazMat with separate Methods Memo)	Rick Wadsworth (PMX) Park Piao (SW)	Josh Channell (PMX)	Megan Neill (adam.t.barber@multco.us)	Tom Braibish Charles Schwartz	Emily Cline	1/6/2020	1/24/2020	-	-	-	1/24/2020	
Air Quality	Scott Noel (HMMH)	Phil DeVita (HMMH)	Megan Neill (john.wasiutynski@multco.us)	Natalie Lijjenwall	Emily Cline	1/6/2020	1/24/2020	-	-	-	1/24/2020	
Noise and Vibration	Scott Noel (HMMH)	Chris Bajdek (HMMH) Joe Czech (HMMH)	Megan Neill (john.wasiutynski@multco.us)	Daniel Burgin	Emily Cline	1/6/2020	1/24/2020	-	-	-	1/24/2020	
Wetlands and Waters	Brian Bauman (HDR)	Carol Snead (HDR)	Megan Neill (adam.t.barber@multco.us)	Ken Sargent	Emily Cline	12/16/2019	1/24/2020	-	-	-	1/24/2020	
Flooding and Hydraulics	Paul Fendt (PMX) Julie Brandt (PMX)	Bill Hall (PMX)	Megan Neill (adam.t.barber@multco.us)	David McDonald	Emily Cline	12/16/2019	1/24/2020	-	-	-	1/24/2020	
Stormwater	Cory Gieseke (HDR)	Christine Higgins (Casso)	Megan Neill (rick.buen@multco.us)	Devin Simmons David McDonald	Emily Cline	1/6/2020	1/24/2020	-	-	-	1/24/2020	
Vegetation, Wildlife and Aquatic Species	Brian Bauman (HDR) Bill Hall (PMX)	Carol Snead (HDR)	Megan Neill (adam.t.barber@multco.us)	Devin Simmons	Emily Cline	1/6/2020	1/24/2020	-	-	-	1/24/2020	
Section 4(f)	Jen Hughes (PMX)	Jeff Heilman (PMX)	Megan Neill (adam.t.barber@multco.us, katherine.mcquillan@multco.us)	Bob Hadlow Michael Holthoff	Emily Cline	12/16/2019	1/24/2020	-	-	-	1/24/2020	
Climate Change and Sustainability	Josh Channell (PMX) Janet Gonzalez (HDR)	Jeff Heilman (PMX)	Megan Neill (john.wasiutynski@multco.us, jessica.berry@multco.us)	Natalie Lijjenwall (Climate) Geoff Crook (Sustain) Michael Holthoff (Climate/Sustain)	Emily Cline	12/16/2019	1/24/2020	-	-	-	1/24/2020	
Sustainability	Janet Gonzalez (HDR)	Jeff Heilman (PMX)	Megan Neill (john.wasiutynski@multco.us, jessica.berry@multco.us)	Michael Holthoff Geoff Crook	Emily Cline	12/16/2019	1/24/2020	-	-	-	1/24/2020	
Health Impact Assessment	Multnomah County	Jeff Heilman (PMX)	Megan Neill	Jeff Buckland	Emily Cline	3/27/2020	4/16/2020	-	-	-	4/16/2020	
Transportation	Ryan LeProwse (PMX) Sumi Malik (HDR)	Josh Channell (PMX)	Megan Neill (joanna.valencia@multco.us)	Kathryn Bell Zach Horowitz Doug Siu Jeff Buckland	Emily Cline	10/14/2019	11/1/2019	-	-	-	11/1/2019	