Meeting Minutes

Project:	Multnomah County | Earthquake Ready Burnside Bridge
Subject:	Senior Agency Staff Group Meeting #2
Date:	Friday, July 14, 2017
Location:	Multnomah County Office – 201 Conference Room 501 SE Hawthorne Avenue, Portland, OR 97214
Attendees:	Ian Cannon, MultCo Megan Neill, MultCo Christian Gaston, MultCo Chris Fick, MultCo Kim Peoples, MultCo Karyne Kieta, MultCo Mike Pullen, MultCo Brian Monberg, City of Gresham Barbara Cartmill, Clackamas County Christina Deffebach, Washington County Malu Wilkinson, Metro Steve Witter, TriMet Sam Hunaidi, ODOT Damian Crowder, Prosper Portland Chloe Becker, Rep. Smith Warner's Office Dan Bower, Portland Streetcar Greg Thiesen, Port of Portland Heather Catron, HDR Steve Drahota, HDR Cassie Davis, HDR Christina Tomaselli, HDR Jeff Heilman, Parametrix

Welcome and Introductions

Project Update

- **Project Overview:**
  - Heather Catron provided an overview of project activities.
- **Stakeholder Outreach:**
  - Website update and social media campaign
  - Provided an update on project briefings
  - Played project overview video to the group
  - Survey results will be compiled as they come in and shared with the group (results will be presented at the Policy Group Meeting #2)
  - Links:
    - Watch a video to learn more about the study
    - Tell us what you think by taking the project survey
    - Visit the website to learn more about the study and other ways to get involved
    - Sign up for project email updates or request a briefing for your organization or group
    - Learn about what you can do to be prepared for an emergency
    - Follow us on Twitter @MultCoBridges, #ReadyBurnside, and Facebook

- **Emergency Management (EM):**
    - Discussion about Regional Emergency Transportation Routes and vulnerabilities during a major earthquake.
    - Reaffirmed Burnside Bridge as necessary lifeline route.
    - Highlighted the need for further coordination.
- **Seismic Resiliency Committee (SRC):**
    - This group focused on key seismic design performance criteria. Issues addressed at the meeting included heavy haul or specialty vehicles requirements, timing of bridge operability after a major earthquake, and assumptions about crossing design features (height, width, elevation, etc.).
    - Discussion and key findings included amount and likelihood of soil movement and liquefaction occurring. This impacts how the project will mitigate risks and consider costs.
    - By project completion, the Burnside Bridge will have a different look due to enlarged members such as widened and thickened piers, enlarged footings, and additional deep foundation members.

Comments

- Questions about SRC members and purpose. Steve Drahota provided an overview of committee.
- Team responded favorably to the video.
- ***ACTION*** Steve Drahota to share SRC members list with Port of Portland.

Screening Process

- Screening Criteria:
    - Reflects the project intent
    - Pass/Fail, Scoring, Evaluation, NEPA documentation
- Pass/Fail looked at major infrastructure compatibility, seismic resiliency, and emergency response. Alternatives didn't move forward to the next phase if they failed to meet the criteria requirements.
- Scoring looked at how well each performed at pre and post-earthquake criteria.
- The criteria included seismic design, emergency response, emergency function, emergency plan consistency, everyday function, and preventative maintenance.

Screening Results

- Showed sample calculations and explained the rating methodology and results.
- Alternative Groupings
    - Preserve
    - Seismic retrofit
    - Replacement
    - Hybrid
    - Enhance another bridge

- Preserve and Seismic Retrofit failed the pass/fail screening
- Hybrids scored 70% with a widened bridge vs. 60% non-widen option.
- Replacement options scored between approximately 47% and 80%
- Enhance Other Bridges all failed the pass/fail screening with the exception of the Morrison Bridge. Due to how low the Morrison Bridge scored the team proposed not moving forward with this option in the next phase of alternatives evaluation.
- Full retrofit option not moving forward was a surprise.
- Several were surprised a tunnel is still a viable option at this phase. The feasibility of this option is interesting.
- Keeping the tunnel option, despite a low score, is the right choice for now.
- The team will be creating cross sections and considering how light rail will be included for the remaining groups (replacement and hybrid).
- Consider if non-industry folks will understand the current presentation.
- Note the importance of pedestrian access when discussing the highlights of widening options.

Alternatives Evaluation

- Heather Catron explained the alternative evaluation process, which is the next phase of analysis. She reviewed evaluation criteria topics under consideration and asked the group for input.

Comment

- That right-of-way impacts to adjacent buildings will be assessed in the evaluation phase.
- Process of how we apply weighting will be addressed at the next SASG meeting.
- Twin bridges, high elevation bridge and stacked moveable bridges are a few of several options being considered.

Schedule Review

- Upcoming Meetings:
    - Stakeholder Representative Group #2 – July 27, 2017
    - Policy Group #2 – August 23, 2017
    - Senior Agency Staff Group #3 – November 2017
    - Stakeholder Representative Group #3 – November 2017
    - Senior Agency Staff Group #4 – Spring 2018

Comment

- Great job on the project so far; appropriate level of effort, easy to understand.
- Appreciated and impressed by the level of thoughtfulness, variety and graphics. Glad to be included in the group.
- Eager to examine the cost results in the next phase.
- Appreciated the diversity of this group's representatives.
- Appreciated the team considering how to get to Burnside Bridge after an event. The region has more work to do.
- The level of meaningful participation was appreciated. After watching the videos, the group considered what part does their agency need to do to ensure resiliency.
- The team is managing this project nicely. Metro is in the middle of updating their regional transportation plan by 2018 and is considering updating regional emergency transportation routes.
- What does it really mean? There are a lot of unknowns. Looking forward to discovering what is yet to come.
- This project is an integral part of the region's overall earthquake preparedness.
- Amazing collaboration effort. The Emergency Management Workshop was eye-opening and elevated the conversation.
- Ian Cannon reminded the group to let him know if the team missed anything. It is crucial to include now verses later.

Next Steps/Action Items

- Items indicated with ***ACTION*** throughout this document.
- The committee was requested to share this information with their organization and provide feedback about today's meeting within two weeks to Megan Neill and Heather Catron.