



OSSPAC MINUTES
January 11, 2022

The virtual meeting was called to order at 9 am.

OSSPAC Members Present:

<i>Tiffany Brown, Chair</i>	<i>Local Government Stakeholder</i>
<i>Trent Nagle, Vice Chair</i>	<i>Structural Engineer Stakeholder</i>
<i>Matt Crall</i>	<i>Department of Land Conservation and Development</i>
<i>David Gomberg</i>	<i>Representative Legislative Assembly</i>
<i>Lesley Ogden</i>	<i>First Responder Stakeholder</i>
<i>Bonnie Magura</i>	<i>Schools Stakeholder</i>
<i>Joe Karney</i>	<i>Utilities Stakeholder</i>
<i>Susan Romanski</i>	<i>Public Member</i>
<i>Elizabeth Safran</i>	<i>Public Member</i>
<i>Christina LeClerc</i>	<i>State agency: ODOT</i>
<i>Althea Rizzo</i>	<i>State agency: OEM</i>
<i>Aeron Teverbaugh</i>	<i>State Agency: DCBS</i>
<i>Jonathan Allan</i>	<i>State Agency: DOGAMI</i>
<i>Carolina Gomez</i>	<i>Multifamily Housing Stakeholder</i>

OSSPAC Members Absent:

<i>Lesley Ogden</i>	<i>First Responder Stakeholder</i>
<i>Adam Pushkas</i>	<i>Building Owners Stakeholder</i>
<i>Ed MacMullan</i>	<i>Banking Stakeholder</i>
<i>Adam Pushkas</i>	<i>Building Owners Stakeholder</i>
<i>Katie Young</i>	<i>Public Member</i>

Others in Attendance:

<i>Deanna Henry</i>	<i>Oregon Department of Energy</i>
<i>Don Pettit</i>	<i>DEQ</i>
<i>Mike Harryman</i>	<i>State Resilience Officer</i>
<i>John Wilson</i>	<i>OR Aviation</i>
<i>Scott Smith</i>	<i>ODEQ</i>
<i>Michael Dembrow</i>	<i>Senator</i>
<i>James Bela</i>	<i>Citizen</i>

1. ADMINISTRATIVE MATTERS

a/b. Welcome and Introductions

- *Brown opened the meeting*
- *Brown proposed an amendment to the agenda to include the newly released legislative concept regarding the CEI Hub*
- *Gehret performed roll call*

c. Review and Approval of Minutes from September meeting

- *Minutes were approved by motion, as distributed with minor editorial changes discussed below*

d. Events Notification

- *The legislative short session is starting soon: 2/1/22 – 3/7/22; 5 weeks long*

e. New Business

- *Gomberg is looking for grant funding through the resiliency bill or reconciliation bill to get emergency water supply for tsunami affected areas*

f. Location for Next Meeting

- *March meeting will be virtual.*
- *Special meeting set up the end of January to discuss legislation support*
 - *Any support coming from OSSPAC should be voted on and accepted by members*
 - *Brown: members will be draft letters of support to the special meeting and the group will work together to work on the letters*
 - *We will have to rely on Gomberg to identify where we could be beneficial. This will probably happen 1/1; then we would have to put together letter(s) of support*
 - *Brown to draft agenda and send calendar invite for January 25 at 11am*
 - *Gomberg to share any information announcing Senator Anderson as new OSSPAC member with Harryman and Brown*

2. REPORTS

a. State Agency

DCBS:

- *Permanent Tsunami Rules became effective 1/1/22*

OEM:

- *Working towards becoming our own state agency*
 - *We are hiring for positions such as exercise officer and grants assistant*
- *Still working on wildfire recovery*
- *Working on Be 2 Weeks Ready project*
- *Developing a Tsunami Debris Guidance Document*
- *Tsunami Vertical Evac guidebook for Oregon should be out next week*

DOGAMI:

- *National Tsunami Hazard Mitigation meeting is cancelled and won't be meeting in Portland*
 - *Next in-person meeting in California in the summer 2022*
- *Next round of funding request to the national program for new Tsunami modeling to identify local needs*
- *Completed online evacuation routing capability built into the Tsunami evacuation portal for most communities along the Oregon coast; people can search by address and that will give tsunami routes*
- *An offer has been made for the vacant director position*

DEQ:

- *In support of the CEI bill, DEQ is creating a dashboard of facilities and tanks contained there based on the data collected in the Unprepared Series created by OPB in 2015*
- *Participating in Cascadia Rising exercise this year with the Coast Guard; a series of workshops*

b. State Resilience Officer

- *PSU performed a study that was distributed at the end of the year; on the agenda to be discussed in March*
- *Harryman is meeting with Senator Dembrow (CEI hub) today to discuss actionable items re: CEI HUB*
- *Addressing action items from the AAR recommendations from the last 2 years and providing status and proof of completion*
- *Gov Brown will be briefed on status of After-Action items, probably in February*
 - *The AARs are on Governor's resiliency web page along with the transportation assessment*

c. Commission Chair

- *No updates*

3. Public Comment

- *Moved to the beginning of the meeting to ensure we have time for public comment*
- *Bela: Are the tsunami inundation maps and evacuation routes available on Google Earth Pro? Not Google Earth Pro, but they are available in the NANOOS Tsunami Portal*
- *Bela: What is the status of evaluation of hazard to pipeline integrity and at risk crossing on their way to the HUB?*

4. Topic: Earthquake Swarm: DOGAMI

- *Reviewed Presentation*
- *These earthquakes offshore are very well understood and are different than the Cascadia earthquake*
- *When the moving ocean comes in contact with a continent, it causes a rift zone and this leads to zones like the Cascadia Subduction Zone*

- *Transform Fault: The spreading ridge spreads at different rates, it creates a horizontal fault; this only occurs in a spreading ridge environment*
 - *Juan de Fuca plate is moving at about 2 in/year*
 - *New crust is formed along at the Juan de Fuca ridge and the Gorda Ridge*
- *Mendocino Fracture Zone is where the San Andreas Fault meets the Cascadia subduction zone*
- *The earthquakes along the Blanco Fracture Zone we felt in December are really common events, pretty far offshore and highly unlikely to cause damage*
 - *These are all strike slip faults and slide side to side and not up and down, which is why we don't have tsunamis from these.*
- *Brown: Is there any possibility that an event in one of the zones trigger a Cascadia event?*
 - *It is possible. The Blanco Fracture Zone has been going off for 50 years and has not triggered another event. However, the events happening along the Mendocino Fracture Zone extend inland and the Gorda plate is actively fracturing and breaking up and that could lead to an event.*
- *Madin is recognized as retiring soon and has given 34 years of service to Oregon.*

5. Topic: Transportation Regional Resilience Assessment Program (RRAP): State Resilience Officer

- *Harryman presented The Transportation Regional Resilience Assessment slideshow*
- *This project assesses the resilience of Oregon's roadways, airports and maritime port transportation systems and the ability of those systems to respond to post-disaster response and recovery activities*
- *The project was conducted by the US Department of Homeland Security, Cybersecurity and Infrastructure Security Agency (CISA)*
- *The primary purpose of the project was to identify roadway transportation routes that will best be able to open quickly following a subduction zone earthquake to establish post-disaster emergency supply chains among state and federal staging bases, for disaster logistics and between the staging areas and surrounding communities*
- *Islanding concept approximated population in different areas that each disaster logistics areas will need to serve*
- *Argonne performed the assessment along with three other tools that can be used in other parts of the nation following disasters*
- *Appendix B highlights post-earthquake island areas at different lengths of time*
- *Reviewed ODOT'S 2014 Seismic Plus Report and the RRAP to decide which road would be easiest to open first*
- *Working with the department of aviation to perform evaluations to note whether airports are equipped with emergency points such as backup power supplies*
- *Working with other state agencies and partners to ensure certain airports can be established as staging areas post-disaster.*
- *The green roads are areas that can be cleared within 2 weeks, but does means that they will all be serviceable within a couple weeks.*

BREAK

6. Topic: ODOT Strategic Plan: ODOT

- *The Strategic Action Plan is a 3-year roadmap designed to address some of Oregon's significant transportation challenges*
- *3 priorities*
 - *Equity*
 - *Modern transportation system*
 - *Sufficient and reliable*
- *The Strategic Plan is a public document*
- *Reviewed the Statewide Transportation Improvement Program (STIP)*
 - *The current STIP goes through 2024*
 - *There are currently 251 fully-funded active projects*
- *There are 37 active projects using the HB 2017 Funds*
- *Uses seismic reports to help with planning*
 - *2013 Oregon Resilience Plan*
 - *2014 Oregon Highway Seismic Plus Report*
 - *2016 Rogue Valley Seismic Event Highway Triage Approach*
- *In April 2021, ODOT released the Seismic Implementation Report*
 - *Established design criteria, provides mitigation options, provides coordination of recovery plans with local and state agencies*
- *Brown: We think the Astoria river Bridge will end up blocking the river and we will have to remove it. How far is ODOT on planning for this?*
 - *The 2020 Bridge report is now available*
 - *The big infrastructure bill will help and projects will be prioritized based on funding and matching requirements*

7. Oregon Fuel Resilience Update : ODOE

- *Reviewed slides*
- *IT has been a few years since we have received an update*
- *We want to make sure we are on the same page with federal partners re: moving fuel post-Cascadia event*
- *FEMA has offered a plan to move post-disaster supplies into Oregon. They will be based in Boise, ID*
- *The Eugene airport has been designated as the federal staging area but still plan on using roads from there; Moving fuel by air is extremely hazardous*
- *FEMA wanted to make sure we understand the expectations that it may take 30+ days to move fuel over the shore*
- *The Navy will only be bringing enough fuel over the shore to supply their own missions*
- *Oregon is working on an agreement with Crowley Maritime to set up a plan in case of emergency*
- *Defense Logistics Agency has a plan to get fuel to Oregon in case of a Cascadia event*
 - *They can get it to the federal established bases is in the plan, but getting it to effected communities is an issue*
 - *These resources will be shared between Oregon and Washington*
- *Proposed fuel Strategies*

- Highway 97 to Highway 58 to Eugene airport
- Highway 97 to Highway 140 to the Rogue Valley International Medford Airport
- These are based on Oregon Seismic lifeline routes and preliminary airport designations
- Airports have limited to no space on site for fuel storage
 - Working with airports to be able to park tanker trucks on airport property
- Coordinating with state agency partners that own and operate their own fuel sites. Gathering data and developing data layers to map state fueling sites
- Fuel allocation priority guidance
 - Counties will do this within their jurisdiction
 - We need to know the requirements in each area
 - Worked with partners and state agencies to calculate fuel needs
- State Energy Security Plan
 - The infrastructure bill provides funding for this
 - It will be an assessment of state's energy system and potential hazards and propose risk mitigation approach, including physical and natural hazards and cybersecurity risks

8. Structural Masonry Legislation: Pac/West Lobby

- Represents Bricklayer Local 1
- We need to make sure we have codes and we have builders trained to build to these higher standards.
- Creating a license for structural maintained workers to work on essential buildings
 - You would have to have 6000 hours experience to be eligible to sit for a test on industry standards
- At the end of last legislative session, a work group was created
- Working with co-chair of ways and means to ensure start up cost can be covered by general funds
- Startup costs
 - With only 500 people, there could be a barrier of cost to cover startup costs. If the start up fees can be covered, member fees could be used for ongoing costs
 - We should focus on the number of people this would benefit, not just the number of people being funded.
- There are bricklayer apprenticeships statewide that are union and non-union. Program will review requirements for both union and non-union groups
- Lorne Bulling
 - Legislative bill should be done by the end of the week
- Essential facilities included in this bill are hospitals, schools, police departments, fire departments, etc. These are the structure being focused on.
 - https://oregon.public.law/statutes/ors_455.447
 - This is for new building not retrofit
- What does this cover that is not covered in current building codes and inspections?
 - As construction workforce is becoming more mobile, we are seeing more out of state contractors that do not have experience in this.
 - Bricklayers currently do not need a license

- *This bill is creating a license (and license requirements)*
- *Some of the work is already obscured or covered by the time the inspection occurs*
- *Is there any equity considerations?*
 - *Bricklayers spend a lot of effort recruiting women and people of color*

9. Legislative LC Bill 145: CEI Hub bill

- *Dembrow just received LC 145, which will be taken up in the February session. Here's a link to the one-pager describing the bill: <https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/251216> and here's the actual LC: <https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/251215> It also includes the energy security planning that ODOE is talking about now.*
- <https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/251216>
- <https://olis.oregonlegislature.gov/liz/202111/Downloads/CommitteeMeetingDocument/25121>
- *This is a priority bill for Senator Dembrow*
- *Requires operators to do self-assessments to ensure they are ready for a subduction zone earthquake and come up with a mitigation plan*
- *There needs to be a reporting plan to DEQ; the plans will need to be submitted by 2024 and DEQ can respond with suggested next steps*
- *The other part of the plan- The energy security plan discussed by ODOE; Do we need to decentralize fuel supply around the state*
 - *Ensure fuel storage facilities are not causing harm to local communities*
 - *Have an understanding of how those facilities align with state's fossil fuel reduction goals*
- *Nagle- bullet item 3 mentions requirement of operations to implement a seismic implementation plan; after their risk study, there will be a requirement for them to retrofit their facilities*
 - *Their plans should be plans of action and they will report on step taken to implement the plan*
 - *There may be further action required of legislature in the future*
- *Trent- There will definitely be problems post-earthquake. The question is to what degree. If there is not a requirement to do that mitigation, it may not get done*
- *Hazard mitigation planning is a great place to prioritize action items together as a group*
- *Does this bill address the resources Operators and DEQ will need?*
 - *Fiscal analysis is happening right now: how much it would cost to stand up this program, how do we fund it?*
 - *The DOE has federal funding to help with this*
- *Some of the operators believe this legislation is not needed because they are supplying as much info and planning as needed. The operators have a variety of levels of stewardship and responsibility; systematizing the review of capability is critical.*
- *Assessment gaps this bill will help fill?*
 - *What we need now is information on the individual facility level*

- *Some of these facilities are very old and may not be worth investing in. It would make more sense to no longer function or move into a more stable setting. It would be a mistake to look at this as a Portland problem. The effects on the river and fuel supply make this a statewide priority*

9. OSSPAC Annual Report (2020-2021)

- *Trent, Susan and Tiffany are working on a draft; Tiffany to send to Susan and Trent for review and feedback*
- *The draft will then go to group for feedback and review to be presented at the next meeting*

Set meeting on 1/25 at 11am to discuss OSSPAC support for upcoming legislation

Adjournment

Next Meeting: March 8, 2022 9-12