

**MINUTES**  
**City of Newport Planning Commission**  
**Work Session**  
**Newport City Hall Council Chambers**  
**September 10, 2018**  
**6:00 p.m.**

**Planning Commissioners Present:** Jim Patrick, Lee Hardy, Mike Franklin, and Jim Hanselman.

**Planning Commissioners Absent:** Bob Berman, Rod Croteau, and Bill Branigan (*all excused*)

**PC Citizens Advisory Committee Members Present:** Dustin Capri.

**City Staff Present:** Community Development Director (CDD) Derrick Tokos; and Executive Assistant, Sherri Marineau.

1. **Call to Order.** Chair Patrick called the Planning Commission work session to order at 6:00 p.m.
2. **Unfinished Business.**
3. **New Business.**
- A. **Review DOGAMI's Tsunami Time and Distance Modeling Results.** Tokos introduced Laura Gabel with the Oregon Department of Geology. Gabel reviewed her PowerPoint presentation with the PC. She noted the four "Beat the Wave" products that would be coming out of the modeling: Evacuation Routes, Pedestrian Walking Speeds, Evacuation "Communities", and Tsunami Wave Arrival Time maps. She covered what could be done with the data.

Gabel reviewed the XXL Wave Arrival Maps for the different areas in Newport. She noted the time it took for waves to arrive in the different areas.

Gabel covered the landslide and liquefaction potential for the Bayfront. She noted all of the routes that were blocked with the understanding of previous maps and slopes in the area. She noted that lateral spreading of sand on Bay Blvd will make would cause the road to separate and make passing on the road difficult. Patrick thought that the City should punch some trails on right-of-ways that were undeveloped as evacuation routes and suggested Canyon Way. Franklin asked why they wouldn't encourage running. Gabel said there were concerns that yellow meant a slow walk and they were working on a version of a public interfacing map. This would not tell people to slowly walk. Franklin was concerned that a slow walk gave the false sense of safety. Hanselman was concerned with the use of yellow because some of the sections were heavily wooded and would have trees that would fall. He thought a slow walk wouldn't work because it would be shut off. Patrick thought the banks were steep enough for people to get outside of the hazard zone.

Jenny Demaris, Emergency Manager for the Lincoln County Sheriff's Office, addressed the PC and said that there would be multiple options for evacuating and noted that thirty minutes was the best case scenario. She said they needed to look for multiple evacuation routes incase ones were blocked. Demaris thought that having multiple routes was great news instead of having only one evacuation route. She said that these routes illustrated that people had enough time to evacuate instead of just giving up. Gabel said the work illustrated areas that needed improvement and the XXL Map was used to illustrate the largest tsunami instead of what it could be, which would likely be much lower. Patrick asked if there were any lateral faults that were closer. Gabel said yes and it was more of an academic thing rather than what they were focused on. Demaris said they had instant notification for earthquakes and would know if it wasn't a subduction earthquake. Emergency management would push the messages quickly to let people know there wasn't a tsunami. Gabel said that what Demaris was talking about was an onshore earthquake and was not in the subduction zone.

Gabel reviewed the Hatfield Marine Science Center evacuation zone scenario maps next. She noted the liquefaction map scenario and how it made surfaces much more difficult to walk on and would mean running to evacuate. Gabel noted that the evacuation of the Aquarium facility wasn't factored into the scenarios. She said it highlighted that they needed to get rid of as many obstructions to increase the ability to evacuate.

Patrick asked how the docks would hold up in a tsunami and asked if someone could evacuate on a boat. Gabel said there wasn't enough time to evacuate on a boat and thought they would need to get out at least 100 fathoms or around 2 miles to be safe. She said the wave arrival times would be included up the river to Toledo. Franklin asked if there were evacuation options of Bay Road. Gabel said the thought was that the road would most likely fall into the Bay if an

earthquake happened and thought that people caught on the road could scramble up the hill out of the tsunami zone. Gabel thought that the docks would be a difficult area to evacuate and it was hard to get out of a boat if pilings were bent. She thought it would be a good idea to talk to NOAA to see what sort of plans they had in place. Demaris said NOAA was very dialed in. She said that one idea for the dock was to retrofit them to be taller so they could rise with the water and not float away.

Gabel noted that the OSU MSI vertical evacuation structure changed the evacuation time in the area. Capri asked in terms of liquefaction, did they take into account that routes would be gone completely. Gabel said there was no way to guess what would be impassible. Capri asked what tsunami level the OSU MSI evacuation building would be built to. Gabel said their tsunami force was engineered to a strong degree and the height was built as high as an XXL.

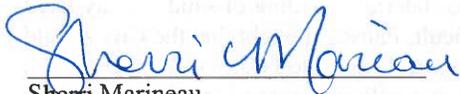
Gabel asked for ideas from the PC. Tokos asked how they discounted for facilities like the Aquarium. Gabel said there was 10 minutes taken off to allow for the shaking to stop and to get out to the nearest street. She thought it was going to be a little harder to exit the Aquarium and wanted to talk to them about signage for evacuation. Tokos said the Nye Beach, hotel row, and Agate Beach areas hadn't been discussed. Gabel said she didn't show the results because they were like the Bayfront.

Gabel covered the South Beach area scenarios next and reviewed how the State Park addressed evacuation routes with their visitors. She noted the Cooper Ridge Trail would be difficult to pass depending on the time of the year or day. Gabel said that liquefaction would have an effect on the South Beach area. She reviewed other different scenarios for South Beach and showed the South Shore community scenarios next.

Gabel said the next steps was to get feedback from the PC on additional scenarios to run. She noted that she would pursue liquefaction plus vertical evacuation for Hatfield and Southbeach. Gabel said they would be putting together a report and noted that [www.oregontsunami.org](http://www.oregontsunami.org) had links to reports they had done so far.

4. **Director's Comments.** No Director comments.
5. **Adjournment.** Having no further discussion, the meeting adjourned at 6:59 p.m.

Respectfully submitted,



Sherri Marineau,  
Executive Assistant