

Council Communication

Tsunami Resilience Project

Meeting Date:	May 14, 2018	Primary Staff Contact:	Debra Nicholson
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Secondary Dept.		Secondary Contacts:	Richard Townsend
Approval:	Ronald F Chandler	Estimated Time:	30 minutes

Question:

Should the City Council direct staff to proceed with the implementation of the awarded Tsunami Resilience Land Use Planning grant and appoint the Planning Commission as the project advisory committee?

Staff Recommendation:

Staff recommends the Council participate in a kick-off for the Tsunami Resilience Land Use Planning project with a presentation by Meg Reed, Department of Land Conservation and Development (DLCD) grant manager. If the Council wishes to proceed, staff recommends that Council appoint the Planning Commission as the project advisory committee.

Background:

The City of Lincoln City received a grant and has committed to work with staff at DLCD and community stakeholders to evaluate the city's risk to the Cascadia Subduction Zone tsunami and earthquake hazard, and to design land use resilience measures to mitigate the city's risk. DLCD has worked with a number of coastal communities on similar projects in the past two years.

In 2015, the city adopted an update to the Lincoln County Natural Hazards Mitigation Plan. It contains an addendum specific to Lincoln City, in which Lincoln City prioritizes mitigation efforts. To date, the City has improved tsunami signage, conducted public outreach, and worked on plans to implement a network of emergency caches. Lincoln City staff participated in the preparation of the 2015 DLCD publication, "Preparing for a Cascadia Subduction Zone Tsunami: A Land Use Guide for Oregon Coastal Communities."

Council Options:

Proposed project elements include:

- A draft tsunami overlay zone for the city, based on DLCD's model code;
- A tsunami evacuation facilities improvement plan (TEFIP) to improve the city's evacuation and sheltering system. The TEFIP will analyze the current status of evacuation and shelter measures, incorporating Beat the Wave modeling provided by the state, and make recommendations for improvement, including those identified in the adopted NHMP:
 - Action #2: Research safe haven or vertical evacuation options for Cutler City and other critical areas;
 - Action #6: Explore seismic retrofit options necessary to make critical facilities (such as the Community Center) suitable as shelters in a serious disaster;
 - Action #22: Develop disaster plans and provide caches in strategic locations throughout city;
 - Action #23: Research and develop plans for evacuation and sheltering of the large number of tourists and residents likely to be in Lincoln City during a disaster; and
- Integration of the Natural Hazards Mitigation Plan and tsunami land use planning into the comprehensive plan.
 - NHMP Action Item #24: Integration NHMP into the comprehensive plan.

Financial Impact

Department of Geology and Mineral Industries (DOGAMI) and DLCD will produce Beat the Wave modeling for Lincoln City free of charge to the city. The city will spend the \$14,000 grant on developing the tsunami evacuation facilities improvement plan. The city will provide an in-kind contribution consisting of staff time required to manage the project, integrate the results into the comprehensive plan, and draft a tsunami overlay zone.

Potential Motions:

Council appoints the Planning Commission as the project advisory committee and directs staff to start work on the project.