

# Report identifies Cascadia risks

**Broadway bridge should be prioritized, researchers say**

By Brenna Visser  
Seaside Signal

A new computer simulation by Oregon State University identifies bridges and roads in Seaside that would have the highest mortality rates in an earthquake and tsunami.

The bridge on Broadway Street over Neawanna Creek would result in the most fatalities and should be prioritized for improvement, researchers found. Other critical locations at the two bridges on 12th Street, the bridge on Sundquist Road and Ocean Vista Drive in the Cove were also flagged.

"The real issue with Broadway is there is really nowhere else to go, but by the time you get to that bridge you have very little time to do anything else," said Dan Cox, an Oregon State civil engineer who created the model with Haizhong Wang. "It's a combination of what options you



COLIN MURPHEY

**Multiple bridges and roads in Seaside have been deemed problematic during a recent study of the effects of an earthquake and tsunami in the area.**

have and how much time you have to do it."

The bridges and roads are high priorities to retrofit not because of structural integrity issues or age — metrics most often considered when replacing city infrastructure. The mortality rate spikes because of relative proximity to areas where people live and gather, making them some of the most populated evacuation routes. They also fall in the path of where tsunami inundation will most likely occur.

Thousands of scenarios were run through the model based on the starting points of 4,500 imaginary people, distributed to resemble where most people would be on a busy, summer day: on the beach and shopping downtown.

The integrity of Seaside's bridges during a seismic event is not a new concern. In 2015, Transportation for America, a Washington, D.C.-based infrastructure advocacy group, found seven of 10 bridges in

Seaside were "structurally deficient."

But the conversation has mostly focused around structural deficiencies rather than population distribution, and the timing of the new study could possibly influence the outcome of a work session scheduled in July centered around designing a strategy for bridge replacement.

City Councilor Tom Horning, a geologist who will lead the discussion, has been an advocate for replacing bridges at Avenue U and Avenue G in particular.

But his ultimate goal is to persuade the city to develop a plan that retrofits every bridge.

"Seaside, because of geographic layout and rivers, is one of the most challenging communities on the coast," Horning said, in reference to evacuating in a tsunami. "There's a strategy in focusing on population concentrations and prioritizing based on that. But every bridge needs to be done. We don't want to find ourselves in a Hurricane Katrina situation, where we knew there was something that could be done but didn't do it."

# Weeds, invasives targeted by new ordinance

Trees could be trimmed to open views

By R.J. Marx  
Seaside Signal

Get your clippers at ready.

On June 6, Gearhart city councilors approved an ordinance to permit greater leeway in cutting dune grass and invasive weeds.

Changes to the rules governing city's beach overlay district will be more permissive in allowing people to cut Scotch broom and other noxious weeds and prune trees to maintain views.

Margaret Marino, who initiated the discussion of tree-trimming and cutting of invasive plants in late 2016, said the plan does not move fast enough or is properly funded to meet the habitat need. "It's not an affordable code," she said. "They chose to ignore all of the agencies that are tasked by the state for the management of invasive weeds."

The city did not reach out and ask for input or support for these code changes from those homeowners directly impacted by these changes, she added.

In January 2017, residents filled the Gearhart fire station for a town hall meeting on an amendment permitting the removal of noxious weeds.

The workshop led to the formation of the dune vegetation committee, comprised of both permanent and part-time residents.

The committee presented its findings to the City Council last summer. City councilors agreed to consider recommendations from the committee after finding that city rules, written in 1994, failed to provide clear guidance.

The ordinance allows 30 percent of vertical trimming or thinning of shore pines and surf pines to maintain views. Trees over 6 inches may be trimmed only once per year. All trimming on city property must be submitted to the city by a tree-trimmer or arborist.

Marino said the committee failed to take into consideration residents most directly affected.

The ordinance passed, 3-1, with Mayor Matt Brown and Councilors Rita Fackerell, Kerry Smith and voting in its favor. Dan Jesse voted against.

## OBITUARIES

### Melvin N. Maki

Warrenton

May 11, 1940 — June 4, 2018

We are sad to announce the passing of our twinkle-eyed, fun-loving father, Melvin N. Maki, 78, who was born to Arvid E. and Gertrude M. Maki (Sotka) on May 11, 1940.

Mel loved his Finnish heritage, and was a proud graduate of Astoria High School in 1958. He received a bachelor's degree from the University of Oregon, and a master's degree from Portland State University in business and engineering. He was a master of numbers.

Working with the U.S. Army Corps of Engineers (dredging), and the National Oceanic and Atmospheric Administration (ocean floor surveying), had him traveling all over the U.S. and out on the ocean, which

he loved dearly.

He is survived by his adoring family in Portland, Oregon, Helvetia, Oregon and Clackamas, Oregon.

A loving service will be held at 2 p.m., Friday, June 15, 2018, at Hughes-Ransom Mortuary, 576 12th St. in Astoria. A graveside service will follow at Greenwood Cemetery in Astoria. All are invited.

In lieu of flowers, because of our father's love of the ocean, remembrances may be made to the Columbia River Maritime Museum in Astoria. "In memory of Melvin N. Maki."



Melvin Maki

crmm.org

Please visit our website, [hughes-ransom.com](http://hughes-ransom.com) to sign the online guest book.

### Teresa (Terri) Lee Pratt

Rainier

Oct. 10, 1954 — April 30, 2018

It is with sadness that the family of Terri Pratt announces her passing in Longview, Washington, on April 30, 2018. She was 63.

She is lovingly remembered by her husband, Joel Pratt; two daughters and their children, Amber (Roy) Nelson and their children Alex, Colby, Erica, Taylor and Gracie, and Elkie (Jeremy) Henry and their children Samantha, Mackenzie, Makayla and Jessica; her brother, Brian (Peggy) Pogue; stepsister Debra (Gary) Angus and stepbrother Klyde (Mary Kaye) Thompson; sisters-in-law Linda (Owen) Taxdal, Diane (Jerry) Honey, and brother-in-law Larry (Mary Lou) Pratt; along with nieces, Kim (Scott) Santos, Michelle (Brent) Ellison and Stephanie Pratt; and nephews, Aaron (Emily) Pogue, Nathan (Chelsea) Pogue, Mark (Laurie) Taxdal and Steve Pratt, along with their children; and numerous cousins.

She was preceded in death by her parents, Lloyd and Helen (Larson) Pogue, and stepmother Harriett Pogue.

Terri was born in Astoria, Oregon, on Oct. 10, 1954, and graduated from Astoria High

School in 1973. After graduation she was married to Don Kelly from 1973-1974.

She moved to Eugene and worked for Peterson Arne Company. During a fire at her apartment complex she met her current husband, Joel, and they were married in 1976. They moved to the Seaside area in 1979, where they owned and operated the Elsie Mercantile for eight years.

She later started Pratt's Candy and Bakery in her home, where she made and sold chocolate truffles and peanut butter balls to local restaurants. She continued to use her love of art (which began with charcoal pencil drawings and oil paintings) by adding intricate details to her beautiful custom cakes, which were widely popular. Locally, she was known by many as "The Cake Lady."

She loved to be surrounded by her grandchildren, horses, dogs, crafts and collection of knick knacks.

They moved to Rainier in 2005 to be closer to Joel's work.

A family gathering will be scheduled for sometime this summer.



Teresa (Terri) Pratt

### John Marshall Norling

Seaside

Sept. 1, 1950 — June 1, 2018

John Marshall Norling passed away peacefully in Portland, Oregon, on Saturday, June 1, 2018, at the age of 67, with the love of his life, Elaine, by his side.

John was born in Seaside on Sept. 1, 1950, and called it his home all of his life.

If you didn't have the opportunity to know John, and for many of you locally who did, it was his gentle nature and his kindness that would draw you to him. Once there, he could slip in his beautiful sense of humor, and have you laughing right along. A friend for life.

John was a talented finish carpenter. He built the home that he and Elaine have shared together here in Seaside for the past 17 years. Working in the trade was his passion and his joy until his retirement five years ago. He loved to take things apart, repair them, and put them back together. A "fixer" from the gate!

He loved spending time with his wife, Elaine, and taking their dogs to run on the beach. He met Elaine Harding in 1986, and the two of them fell deeply in love, and married in January 1988.

John is survived by his wife Elaine Norling;

stepdaughter and daughter-in-law Melissa Harding-Lupo and Stacie Lupo; brother and sister-in-law Jim and Alison Norling; sister-in-law Kathleen Murphy; nieces Stacey Norling, Katie Norling, Carrie Parma-Collier and Kim Fragneli; nephews Justin Fine and Josh Fine and his wife Kathleen Fine; and dear friends Robin Laughlin and Kathy Malin.

John is preceded in death by his father Henry Norling, mother Catharine Norling, stepson Matthew Harding and older sister Linda Norling.

A memorial service will be held on Monday, June 25, at noon, at Calvary Episcopal Church, 503 N. Holladay Drive in Seaside.

Contributions in his memory may be made to the Clatsop Animal Shelter, 1315 SE 19th St., Warrenton, OR 97146.

His family would like to thank Pam and Brian Dutton of Ocean View Funeral & Cremation Service for their kind, compassionate and personal care. They are deeply appreciated by the Norling family.

You are invited to sign our online guest book and share a memory at [www.OceanViewAstoria.com](http://www.OceanViewAstoria.com)



John Norling

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