

SETTING PRIORITIES

For

MAGNITUDE 9.11 EMERGENCY!

*"Otherwise we shall be found sailing under false colors,
and be inevitably cashiered at last by our own opinion,
as well as that of mankind."*

~ Henry David Thoreau: Walden

- I. Retrofit all Oregon Schools located in the Tsunami Inundation Zone along the Oregon Coast within three years - to a minimum Life Safety level for a M 9 Cascadia subduction zone earthquake. Complete all non-structural seismic hazard mitigation (falling lights, ceiling tiles, bookcases, etc. this year (2013), with completion accomplished prior to Jan. 26, 2014: the anniversary date of the last M 9 Cascadia subduction zone earthquake in 1700.
- II. Double ODOT's budget from \$55 million to \$110 million, with the additional funding applied to Phase I Seismic Retrofits of all major Interstate freeway interchanges. and other *critical* lifeline nodes. Oregon Highway infrastructure is **Competing Against Time**, not *resiliency*. **Resiliency** helps restore the losses, but *lives* can only be saved if bridges and freeway interchanges can withstand the shaking!
- III. Reformat the Seismic Rehabilitation Grant Program to *just* "loan the money" that was authorized by voter approval – due to irreparable flaws in the way the Fema 154 Rapid Visual Screening Scores have been applied. This will allow local school districts to take more personal *ownership* of their earthquake problem and its solutions.
- IV. Begin replacing earthquake vulnerable cast-iron pipe in water supply systems, beginning at most critical nodes and lines. Lay a backbone grid of High Density Polyethylene Pipe HDPE (invulnerable to earthquake damage) to have at least some survivable systems in place prior to the earthquake – for fire-fighting and emergency operations .
- V. Build pedestrian and bicycle bridges to evacuate Seaside residents safely and efficiently on foot from tsunamis following the M 9 Cascadia earthquake.

VI. Use eminent domain in Cannon Beach to acquire land (above tsunami inundation) to build a general aviation airport for emergency services operations. Store Shipping Containers on site for use in aftermath of earthquake emergency, as has been so effective in Christchurch, New Zealand.

VII. Adopt voluntary home retrofit programs for homeowners in all Building Departments statewide, with prescriptive plans for accomplishing the work; and free inspections.

VIII. Adopt the City of Long Beach, CA's Building Rating system for seismic deficiencies. Require Building Owners and Managers to increase a deficient score to at least a passing grade within a 10-yr period – or demolish the building..

IX. Make *Resiliency* an agenda item at meetings of *all* Oregonians . . . from Boardrooms to Day Cares.

HAVE A NICE *QUAKE!*

OREGON EARTHQUAKE AWARENESS™

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"WE HAVE NOTHING TO FEAR BUT SHEAR ITSELF"™

Respectfully submitted,

James Bela

James Bela
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Oregon Earthquake Awareness

Oregon Earthquake Awareness™ / **The Quake Northwest™**
"We Have Nothing to Fear But Shear Itself" / "We're All *Subducting* In This Together"
"It takes everyone getting together in *cahoots!* – Dennis Mileti

"Do not look *back* in anger, or *forward* in fear, but *around* in awareness." -- James Thurber