



Governor's Transportation Vision Panel

Innovation and Seismic Subcommittee

MEETING MINUTES

SUBCOMMITTEE KICKOFF MEETING MINUTES

January 12, 2015
1:00 pm – 4:00 pm

**ODOT Headquarters, Room
440**

355 Capitol St. NE,
Salem OR 97301

Subcommittee Chair:

Sean O'Hollaren (by phone)

Subcommittee Members:

Mark Frohnmayer

Aron Faegre

Theresa Carr (by phone)

Stuart Foster (by phone)

Gary Cardwell

Panel Co-Chairs:

Gregg Kantor

Larry Campbell

Panel Sponsor:

Karmen Fore

Facilitator:

Pete Pande

Resources and Support:

Sam Haffner

Paul Mather

Bert Hartman

Albert Nako

Topic 2: Subcommittee Introductions and Ground Rules

Discussion:

- The Subcommittee agreed to a series of Ground Rules going forward

Conclusions:

- Attend meeting – in person as much as possible
- Open and candid dialogue (“risk-free environment”)
- Respect each others’ perspectives and opinions
- Focus on the end result
- Participate actively; no multi-tasking
- Listen and learn

Action items:

Person(s) responsible:

Deadline:

Topic 3: Seismic Round Table Discussion: Questions, Ideas, Concerns

Discussion:

- Would like to get a sense of what the vision will look like. The NC Report can act as a model. The vision cannot become so onerous that it loses focus of actionable plans.
- Understand we have seismic-related building codes: Do we have transportation/bridge codes for seismic impact? Do we adhere to/enforce those, if so?
- How much damage are we expecting in high hazard areas (Coast and Valley)?
- For buildings, we *require* upgrades/retrofits based on usage levels. Does that exist for bridge and other transportation assets?
- What Federal help do we get or can we count on (for preparation or post-event recovery)?
- Would like to see a map with priorities of bridges and current conditions (*note: this was at least partly provided in Paul Mather's presentation- Topic 4*)
- What are the contingencies for reaction
- What is the best way to prepare? Should we follow the NTSB's approach of asking “What are the solutions?” “Is the technology available?” “Is it affordable?” So actions are based on a conscious decision and benefit against cost ...
- How to determine true needs from “pie in the sky.”
- We need to set the stage and make a case in a way that's easy for people to digest
- Key to create a sense of urgency – for example, using and audio/video that explains via images what's at stake.
- Were the OTIA bridges designed to withstand a Cascadia event? Yes, but this is a small fraction of full bridge inventory.

Next Steps on Seismic:

- Everyone needs to read:

- State Resilience Report (covers all modes in Chapter 5)
- The Seismic Plus report (ODOT – covers Highway & bridge)
- Suggest everyone look at the “first 4 minutes” article
 - <http://www.portlandmercury.com/portland/the-first-four-minutes/Content?oid=5766214>
- Add notes, comments to reports and questions to explore
- Arrange further “deeper dive” conversations with staff on seismic issues
 - Can be teleconferences for any committee member to join. Need to be coordinated.
- Find more sources Re: seismic impacts on other modes (if needed beyond Resilience Report)
- Explore having a presentation from Scott Ashford
- Reflect on best ways to connect with other committees on Seismic so we focus on things that are value adding and not overlapping

Action items:	Person(s) responsible:	Deadline:
Share Willamette Week’s “First 4 Minutes” article, State Resilience Report, and Seismic Plus Report with Committee	Sam	ASAP
Review reports with questions to explore	Committee Members	Before meeting 2
Contact Scott Ashford about future presentation to Committee	Paul	

Topic 4: Innovation Roundtable Discussion: What is the Scope?

Discussion:

- How innovative are we trying to be?
- Smart phones: What info can they provide to inform of flow, needs, etc.?
- How does equity tie to innovation?
- Finding a dedicated tax structure: How do we handle that?
- You can’t see or hear what the real obstacles are with phone in the car. How can more real-time information be provided?
- Smart cars/autonomous vehicles: Will they have a dedicated lane? How will they affect future of highways?
- More Columbia River bridges?
- Public/Private rails network: Can there be connectors with Class 1. Short line; connect with them to relieve, for example, lumber trucks on highways.
- Self-driving cars: We really need to look at the implications. There may be a massive increase in vehicle throughput, projected at 15X. This can have major implications for how we invest in transportation capacity.
 - Can Oregon be a test bed?
- Is funding for Innovation in scope for our work?
 - Sean: Yes, we need to think about it and offer ideas and recommendations to the Transportation Finance subcommittee.
 - Consider innovative ways to raise money, fund transportation
 - Current funding system adds incentive for more fuel efficient highway modes because of tax on fuel. Moving to a Vehicle Miles Traveled approach may lose that incentive, so we need to capture/impose a cost for inefficiency another way.
- Use of ODOT right of way for autonomous vehicles
- HOV – pay to use?
- Shift long haul trucks to rail. Make better use of short haul lines, as a feeder system. Class 1 rail will not be eager to participate
- Marine: look at dredging strategies to allow larger ships farther inland.
- Drones: Oregon is already a leader. What are the services and value drones can provide – and how do we create the right environment for that?
 - Also need to look at managing risks. Some proposing a separated set of “Air traffic control” guidelines for drones.

Next Steps:

- Recommend looking at:
 - USDOT Innovation Report (need source – Paul?)
 - Update on status of Short line RRs (Gary to send to Sam)
- Karmen to look for other sources of input on directions and categories of Innovation; potential speaker for next session?
- Develop agenda on innovation for the next meeting

Action items:**Person(s) responsible:****Deadline:**

Karmen to contact Rob Bertini for guidance on scope of innovation

Karmen

ASAP

Share update on Short Line Railroads

Gary → Sam → Committee

Before meeting 2

Share USDOT Innovation Report

Topic 5: Overview and Next Steps**Discussion:**

- It would be good to get a sense of what the deliverables look like. *North Carolina Report is a good example.*
- Important to focus the scope of this subcommittee's assignment
- Need to aim for a balanced approach between needs of Portland and Rural Oregon

PLUS (what was good)**DELTAS (what to improve)**

- Discussed a lot of ideas
- Good discussion
- Well organized
- Different points of view
- Overall good first session

- Need to start narrowing focus
- Have detailed questions that need to be answered
- Good to have speaker/innovation expert
- Need to determine how to scope the Innovation element of our work
- Need more committee input on agenda
- Define how to make our recommendations actionable