



# City and County of San Francisco LIFELINES COUNCIL



Edwin M. Lee, Mayor  
Naomi Kelly, City Administrator

## Meeting #8 – Lifeline Interdependencies during Post-Disaster Recovery

Wednesday, April 25, 2012  
2:00 PM – 4:00 PM

SAN FRANCISCO CITY HALL  
1 Dr. Carlton B. Goodlett Place, Room 305

### Co-Chairs

**Naomi Kelly**, City Administrator, General Services Agency

**Chris Poland**, Chair, NEHRP ACEHR, Co-Chair, SPUR Resilient Cities Initiative, and Chairman, Degenkolb Engineers

Lifelines are the systems and facilities that provide services vital to the function of an industrialized society and important to the emergency response and recovery after a natural disaster. These systems and facilities include communication, electric power, liquid fuel, natural gas, transportation (airports, highways, ports, rail and transit), water, and wastewater.

- American Society of Civil Engineering Technical Council on Lifeline Earthquake Engineering (TCLEE), 2009

### AGENDA

- 1) Welcome and Introductions *Naomi Kelly and Chris Poland, Co-Chairs*
  - *A recap of Lifelines Council activities 2009-present and setting the agenda for 2012.*
- 2) Lifelines Interdependency Study Pilot *Laurie Johnson, Ph.D., AICP, Principal,  
Laurie Johnson Consulting | Research*
  - *Report on the progress of the interdependency study with participating partners.*
- 3) Lifeline System Interdependencies: Field Observations and Modeling Challenges (*Presentation & follow-up discussion on interdependencies*) *Leonardo Dueñas-Osorio, Ph.D.,  
Assistant Professor, Rice University*
  - *Observations and recommendations on lifeline interdependencies during disaster response and post-disaster recovery.*
- 4) Group Discussion *Laurie Johnson, Ph.D., AICP, Principal,  
Laurie Johnson Consulting | Research*
  - *Reactions to the interdependency study progress report and research study insights. Are there interdependencies being identified that surprise or concern you? Does the work shed any new light on critical nodes or chokepoints in system interdependency? Are your planning assumptions incorrect about another system? Are your planning assumptions incorrect about availability and mobility of key resources? How reliable are your system damage assessment methods?*
  - *Recommendations for the Council to consider for its upcoming meetings. Issues that we should collectively work on, such as cooperative planning or exercise opportunities, development of collective restoration priorities, resource or communications issues, or any legislative, regulatory or mitigation issues. Education forum topics. Exchanges with key agencies/organizations.*
- 5) Next Steps and Announcements *Naomi Kelly and Chris Poland, Co-Chairs*