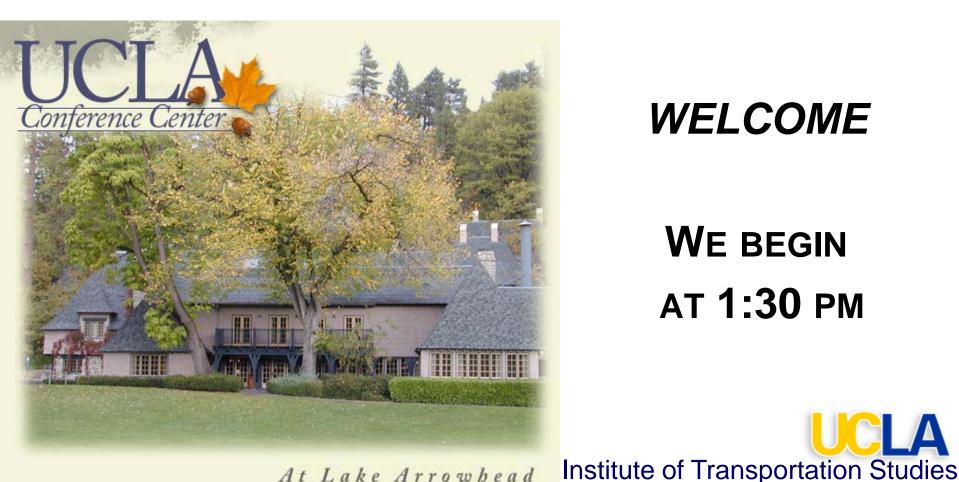
Infrastructure Investment for Sustainable Growth

The Transportation – Land Use – Environment Connection



WELCOME

WE BEGIN АТ 1:30 РМ

At Lake Arrowbead

Infrastructure Investment for Sustainable Growth





Brian D. Taylor

Professor and Chair of Urban Planning Director, Institute of Transportation Studies

Symposium Co-Chair





It's our 20th Anniversary!





...depending on how you count...

- 0. 1989
- 1. 1991 11.2
- 2. 1992 12.2002
- 3. 1993
- 4. 1994
- 5. 1995
- 6. 1996
- 7. 1997
- 8. 1998
- 9. 1999
- 10.2000

11.2001 13.2003 14.2004 15.2005 16.2006 17.2007 18.2008 19.2009 20.2010

Institute of Transportation Studies

- **1991**: Overview of Strategies for Making Connections between Transportation, Land Use, and Air Quality
- **1992**: The Role of Pricing and Market-Based Strategies
- **1993**: The Role of Land Use Strategies for Improving Transportation and Air Quality
- **1994**: Taking Strategies from Concept to Adoption to Implementation



- **1995**: Putting Advanced Technologies to Work: Promises, Prospects, and Policy Issues
- **1996**: ISTEA Reauthorization: Will It Refine, Redefine, or Forge New Policy Linkages?
- **1997**: *Transportation and the Economy*
- **1998**: *Financing the Future*
- 1999: Inter-Regional Travel and Local Development Institute of Transportation Studies

- **2000**: Growth and the Quality of Life
- 2001: Redefining, Reevaluating, and Reinventing Transit
- **2002**: Tackling Traffic Congestion
- 2003: Finance: The Critical Link
- 2004: Linking Goods Movement to Economic Prosperity and Environmental Quality



- 2005: Healthy Regions, Healthy People
- 2006: Global Energy and Climate Change
- **2007**: Planning for Growth: Demographics, Employment, Housing, and Resources
- 2008: The Future of Cities and Travel
- **2009**: Economic Crisis as Opportunity for Reform



• 2010: Infrastructure Investment for Sustainable Growth



- Symposia supported by better than 50 different organizations over the years
 - Financially, logistically, and intellectually
 - 36 organizations this year alone



Five Arrowhead Sponsors in 2010

- Orange County Transportation Authority
- Southern California Association of Governments
- Southern California Edison
- The Ralph & Goldy Lewis Center for Regional Policy Studies
- University of California Transportation Center

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19 Arrowhead Co-Sponsors in 2010

- Automobile Club of Southern California
- Bay Area Air Quality Management District
- California Air Resources Board
- California Energy Commission
- Federal Highway Administration
- Federal Transit Administration

- Los Angeles County Metropolitan Transportation Authority
- Los Angeles World Airports
- Majestic Realty
- Metropolitan Transportation Commission
- Port of Long Beach



19 Arrowhead Co-Sponsors in 2010

- Port of Oakland
- Sacramento Area Council of Governments
- San Bernardino Associated Governments
- San Francisco County
 Transportation Authority
- South Coast Air Quality
 Management District

- Southern California Gas Company
- Urban Land Use and Transportation Center
- U.S. Environmental Protection
 Agency



12 Arrowhead Cooperating Organizations in 2010

- California Department of Transportation
- California State Polytechnic
 University, Pomona
- Coalition for Clean Air
- CSUSB Leonard Transportation Center
- Mineta Transportation Institute
- The RAND Corporation

- San Diego Association of Governments
- UC Irvine School of Social Ecology
- UC Riverside, Bourns College of Engineering CE-CERT
- UCLA School of Public Affairs
- Union Pacific Railroad
- Western Riverside Council of Governments

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- An even mix of researchers and practitioners
 - This year speakers from the world of practice slightly outnumber those who focus on research
 - Many of the best and brightest from around California and the world
 - Foster two-way communication in a tradition of civility



- The theme, sessions, and then presentations are crafted as a whole
 - Speakers are then recruited to speak on the desired topics



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 - Speakers are then recruited to speak on the desired topics

- The speakers <u>and</u> the audience are individually selected and invited
 - Audience participation is an important part of the program

Institute of Transportation Studies

 Steering committee members – representing a wide array of organizations and viewpoints – meet three times each year to help us craft the program



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 The programs have been designed and led by a remarkably small cadre of researchers and educators at UCLA



- UCLA Extension Public Policy Program
 - LeRoy Graymer
 - Joanne Freilich
 - Catherine Showalter



- UCLA Extension Public Policy Program
 - LeRoy Graymer (1991-2004)
 - Joanne Freilich (1991-2003)
 - Catherine Showalter (2005-)



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 - LeRoy Graymer
 - Joanne Freilich
 - Catherine Showalter
- UCLA School of Public Affairs
 - Martin Wachs
 - Brian Taylor
 - Allison Yoh



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UCLA School of Public Affairs

- Martin Wachs (1991-1996)
- Brian Taylor (1997-2009)
- Allison Yoh (2010-)



This year's program...

• Topical

Critical

• Unique



Unique

 Combines perhaps the four most common – and vaguely defined – terms in the policy/planning lexicon



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 - "Infrastructure"
 - "Investment"
 - [for]
 - "Sustainable"
 - "Growth"



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 - "Investment"
 - [for]
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 - "Growth"
- Terms we can all come together and disagree about
 Institute of Transportation Studies

A measure of programmatic success...

Conference Center

If we decamp on Tuesday with a better understanding of what *infrastructure*, *investment*, *sustainable*, and *growth* collectively mean for our future

At Lake Arrowbead

What's ahead?



- Evaluating the economic and environmental sustainability of large-scale infrastructure projects
 - Jan Whittington, University of Washington



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- Public-private partnerships: a New Deal for infrastructure management in the 21st century?
 - Kome Ajise, Caltrans
- Federal transportation reauthorization: prospects and pitfalls for restructuring funding to support sustainable investment
 - Susan J. Binder, Cambridge Systematics



Agenda: This Evening

• OPERATIONALIZING "LIVEABLE" AND SUSTAINABLE INFRASTRUCTURE: FROM CONCEPT TO PRACTICE



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 - Keynote Speaker
 - Heather Fargo, California Natural Resources Agency
 - Panelists
 - Julia Lester, ENVIRON International Corporation
 - Randall Lewis, Lewis Operating Corporation
 - Katherine Perez, Urban Land Institute
 - Alan E. Pisarski, Independent Consultant



• GOING GREEN: PUBLIC AND PRIVATE SECTOR EFFORTS TO RE-MAKE GOODS MOVEMENT



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 - Mitigating the negative effects of capacity improvements: environmental justice and infrastructure
 - Thomas O'Brien, Cal State Long Beach



MANAGING THE GREEN ROAD INFRASTRUCTURE
 IN THE YEARS AHEAD



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 - Environmental assessment of pavement alternatives: decision-making in light of current knowledge and unresolved questions
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 - John Harvey, UC Davis
 - Managing terminal facilities (i.e. parking) as infrastructure
 - Richard Willson, Cal Poly Pomona
 - Sustainable Transportation Access Rating System (STARS): a performance-based system to integrate economic & environmental sustainability
 - Peter Hurley, North American Sustainable Transportation Council

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- Assessing the financial and operational sustainability of public transit in the U.S.: Are we getting the most transit bang from our subsidy buck?
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- The transit capacity challenges to "green" policy mandates in the years ahead
 - Duncan Watry, BART
- Challenges to and opportunities for sustainable streams of operating support for public transit
 - Carl Sedoryk, Monterey-Salinas Transit



• FULL SPEED AHEAD? EVALUATING OUR SUBSTANTIAL COMMITMENTS TO HIGH-SPEED RAIL IN CALIFORNIA AND THE U.S.



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 - *Rod Diridon,* California High Speed Rail Authority; Mineta Transportation Institute



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 - Anthony Perl, Simon Fraser University
 - Thinking about HSR investment as an economic development strategy
 - David Levinson, University of Minnesota Institute of Transportation Studies

Agenda: Tuesday Morning, Early

- BREAKFAST SESSION "SMALL TABLE"
 DISCUSSIONS
 - Everyone is invited to participate



• BUILDING TRUST AND CONSENSUS FOR CHANGE: POLITICAL COMMUNICATION AND THE CHALLENGES OF CREATING ROOM FOR FAILURE



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 - Featured speaker
 - Alan Lowenthal, California State Senator



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 - Interlocutor
 - Carol Whiteside, California Strategies, LLC
 - Featured speaker
 - Alan Lowenthal, California State Senator
 - Reports from moderators of the breakfast discussions
 - LeRoy Graymer, UCLA Extension Public Policy Program
 - Jolene Hayes, Port of Long Beach
 - Leslie Rogers, Federal Transit Administration
 - Joan Sollenberger, UC Davis



Agenda: Closing Discussion

• ARROWHEAD LESSONS FROM THE PAST TWO DAYS AND LAST TWO DECADES

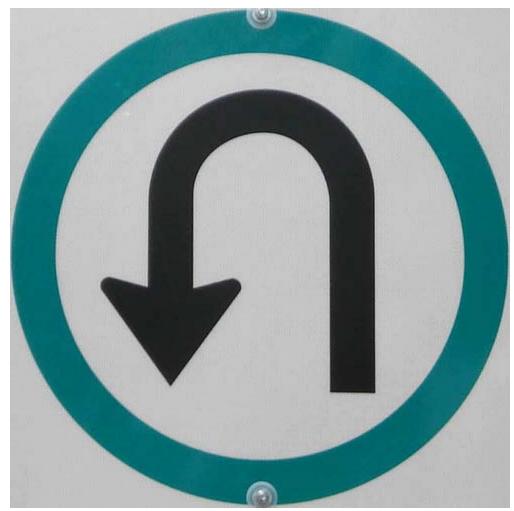


Agenda: Closing Discussion

- ARROWHEAD LESSONS FROM THE PAST TWO DAYS AND LAST TWO DECADES
 - Discussants
 - Dave Calkins, Sierra Nevada Air Quality Group
 - Genevieve Giuliano, USC
 - Hasan Ikhrata, Southern California Association of Governments



Circling back to this session...



Institute of Transportation Studies

 TRANSPORTATION INFRASTRUCTURE AND SUSTAINABILITY



- TRANSPORTATION INFRASTRUCTURE AND SUSTAINABILITY
 - Transportation policy, environmental quality, and sustainability: looking back, looking forward
 - Martin Wachs, Director of the Transportation, Space and Technology Program, RAND Corporation



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- The state of transportation infrastructure: the challenges of rebuilding America
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 - **Sue McNeil,** Professor, Department of Civil and Environmental Engineering, University of Delaware
- Public policies to better manage the supply of and demand for infrastructure
 - JayEtta Hecker, Director of Transportation Advocacy, Bipartisan Policy Center
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PLEASE WELCOME OUR FIRST SPEAKER:

MARTIN WACHS

Institute of Transportation Studies

At Lake Arrowbead