



Transportation for Livable Communities

Charting a Research Agenda

October 18–19, 2010

The Keck Center of the National Academies, Washington, D.C.

Sponsored by
**Research and Innovative Technology Administration
U.S. Department of Transportation**

<http://www.trb.org/conferences/livability2010.aspx>

Monday, October 18

7:45 a.m.–8:30 a.m.

Breakfast

8:30 a.m.–10:30 a.m.

Opening Session

Lisa Aultman-Hall, Director, University of Vermont Transportation Research Center, *presiding*

Developing a Working Definition of Livability

The conference will start with a group exercise to develop a working definition of transportation systems for livable communities.

A U.S. DOT Vision of Transportation for Livable Communities

Beth Osborne, Deputy Assistant Secretary for Transportation Policy, U.S. Department of Transportation

10:30 a.m.–11:00 a.m.

Break

11:00 a.m.–12:30 p.m.

Integrating Transportation and Livability: Perspectives from Practitioners

Roderick B. Diaz, Planning Manager, Los Angeles County Metropolitan Transportation Authority, *presiding*

Implementing transportation systems to support livability involves multiple entities, agencies, and stakeholders. The challenges to making places more livable most often reflect the need for integration—integration of different sensibilities (transportation, land use, development) in system design; integration of planning processes and work efforts; and integration of actual transportation facilities and services. In addition to discussing particular physical and planning challenges, each speaker will discuss institutional issues that arise in addressing those challenges.

Integrating Transportation with Land Use and Development Plans

Joseph Alfandre, President, Joseph Alfandre Homebuilding Company and the Kentlands Company

Prioritizing Physical Space

Marcy McInelly, Associate Principal, SERA

Balancing Transit and Alternative Modes for Livability

Gabe Klein, Director, District Department of Transportation

12:30 p.m.–1:30 p.m.

Lunch

1:30 p.m.–3:00 p.m.

Livability Research Across Disciplines

Diana Bauer, Policy Analyst, U.S. Department of Energy, *presiding*

This panel will present livability case studies illustrating methods and results from several different disciplinary perspectives, touching on drivers and motivators, models, and co-benefits of livability. The session will provide new food for thought for transportation professionals as well as illustrate the complex interplay among diverse factors that set the context for designing livable communities.

What Would a Livable—and Intergenerational—Community Really Look Like?

Sandra Rosenbloom, University of Arizona

Livability and Active Transportation

Angie Cradock, Harvard University

Creating Accessibility Through Proximity

Jonathan Levine, University of Michigan

Harnessing Co-Benefits of Urban Adaption to Climate Change

Matthias Ruth, University of Maryland

Monday, October 18, 2010



3:00 p.m.–3:30 p.m.

Break

3:30 p.m.–5:00 p.m.

Research on Transportation for Livable Communities: Recent Findings and Research Needs

Shawn Turner, Senior Research Engineer, Texas Transportation Institute, *presiding*

Several presentations will focus on how community and street design affects safety, traveler behavior, and trip-making characteristics. The topic of measuring livability will be addressed, and quantitative metrics will be discussed as a way to measure progress toward livable communities. The concluding speaker will discuss how research findings are being implemented through the update of various planning and design guidelines and manuals.

The Impact of Community Design on Traveler Behavior

Susan Handy, Professor, University of California, Davis

Measuring Livability: How Do We Measure Progress and Success?

Harvey J. Miller, Professor, Department of Geography, University of Utah

Rewriting the Playbook: Updating Traffic Engineering and Planning Manuals to Reflect Livability Principles

Reid Ewing, Professor, Department of City and Metropolitan Planning, University of Utah

5:00 p.m.–6:30 p.m.

Posters and Reception

6:30 p.m.–8:30 p.m.

Planning Committee Meeting (by invitation)

Tuesday, October 19

7:45 a.m.–8:30 a.m.

Breakfast

8:30 a.m.–9:30 a.m.

Transportation Agency Perspectives on Research to Support Implementing Livable Systems

Martin Tuttle, Deputy Director, Planning and Modal Programs, California Department of Transportation, *presiding*

Federal Highway Administration

Gloria M. Shepherd, Associate Administrator, Planning, Environment, and Realty

Utah Department of Transportation

Carlos Bracerias, Deputy Director

Washington Metropolitan Area Transit Authority

Patricia Hendren, Director, Office of Performance

Charge to Discussion Groups

9:30 a.m.–11:00 a.m.

Identifying Research Needs: Livability and Transportation for All Communities

The conference attendees break into groups to brainstorm research needs in transportation and livability based on jurisdiction size—rural, suburban, small cities, and urban. This work will be gathered for a research blueprint.

11:00 a.m.–11:30 a.m.

Break

11:30 a.m.–1:00 p.m.

Identifying Research Needs: Measuring Performance with Livability and Transportation

In the second breakout time slot, the same groups brainstorm about how to measure livability for transportation projects—systems and how to disseminate good case studies.

Monday and Tuesday, October 18–19, 2010



1:00 p.m.–2:00 p.m.

Lunch

2:00 p.m.–4:00 p.m.

Charting a Strategic Research Agenda for Livability and Transportation

Lisa Aultman-Hall, Director, University of Vermont Transportation Research Center, *presiding*

This closing session will define a research road map for developing transportation systems for livable communities in the years ahead. Participants will hear the results of the morning's rural, suburban, small cities, and urban discussion groups and build on their work to identify the most critical research areas and topics.

Registration Fees

	Early Bird Expires Aug. 26, 2010	Advance Expires Sept. 23, 2010	Regular After Sept. 23, 2010
General	\$295	\$345	\$395
Speaker & TRB Sponsor	\$195	\$245	\$295
Student	\$125	\$175	\$225

Hotel Information

Hyatt Regency Washington on Capitol Hill
400 New Jersey Avenue, NW
Washington, D.C. 20001
202-737-1234
<http://washingtonregency.hyatt.com/groupbooking/wasrw2010liva>

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Planning Committee

Lisa Aultman-Hall, Director, University of Vermont Transportation Research Center, *Chair*
Diana J. Bauer, Policy Analyst, U.S. Department of Energy
Roderick B. Diaz, Transportation Planning Manager, Los Angeles County Metropolitan Transportation Authority
Robert Dunphy, Emeritus Fellow, Urban Land Institute
Dennis German, Chief of Community Design Division, Maryland State Highway Administration
Susan L. Handy, Professor, University of California, Davis
Gabe Klein, Director, District Department of Transportation
Shawn Turner, Research Engineer, Texas Transportation Institute (TTI)

Martin Tuttle, Deputy Director, Planning and Modal Programs, California Department of Transportation
Mariia V. Zimmerman, Policy Director, Reconnecting America

Liaisons from Research and Innovative Technology Administration (RITA)

Curtis J. Tompkins
Robin Kline
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