

Transportation/ Land Use/Air Quality Connection Symposium Series

Transportation and the Economy

December 7-9, 1997

UCLA Conference Center at Lake Arrowhead

850 Willow Creek Road

Lake Arrowhead, California

How do transportation investments benefit the economy? How will new forms of production and reduced trade barriers affect the transportation system? How will projected increases in goods movement affect urban development and air quality? How can we better link who pays for and who benefits from transportation system investments? These questions and more will be addressed at the 1997 Lake Arrowhead *Transportation/ Land Use and Air Quality Connection Symposium on Transportation and the Economy*

Sunday Afternoon, December 7

DAY ONE THEME

Transportation Implications of Economic Growth and Restructuring

1:30 pm **Transporting the Economy:
Connecting Ideas with Practice**

This opening presentation outlines the goals for the symposium and draws together many of the connections between transportation, land use, and air quality policies and economic development and productivity to be addressed at this symposium.

Brian Taylor, Assistant Professor of Urban Planning, School of Public Policy & Social Research, UCLA

2:30 pm **The Restructuring of Economic Production: Implications
for Transportation**

Current and future changes in economic production and distribution have enormous implications for transportation. This session examines the increasing mobility of goods, information, and labor in economic production, emphasizing future demands on the transportation system, new patterns and trends in goods movement, and upcoming changes in production and transportation technologies. The presentation assesses how competitive success in the next century will require a better integration of transportation modes, telecommunications, and industrial facilities to cut sourcing, production, and delivery cycle times.

- **Transportation Infrastructure for Competitive Success**

John Kasarda, Kenan Distinguished Professor of Business Administration and Director of the Frank Hawkins Kenan Institute of Private Enterprise, University of North Carolina at Chapel Hill

Commentators:

Steven Erie, Associate Professor of Political Science, UC San Diego

Carl Guardino, President, Santa Clara Valley Manufacturing Group

4:30 pm Break and Room Check-in

5:00 pm Reception

6:00 pm Dinner

Sunday Evening, December 7

7:30 pm **Free Trade and the Future of Local and Global Goods Movement**

Dissolving trade barriers promise to radically alter the movement of goods (and labor) around the globe. This session explores the transportation implications of increasing international trade under both Pacific Rim Trading partnerships and the North American Free Trade Agreement (NAFTA). NAFTA, for example, has already increased trade between Canada, Mexico, and the U.S. and has stimulated new industrial centers along the Mexican border. Such changes raise important issues for policymakers, such as how the federal government, states and localities should pay for NAFTA-related transportation improvements vis-a-vis other transportation projects. The air quality implications of increasing international trade are also addressed in the presentations and commentary.

- **Evolving Patterns of Pacific Rim Trade and Implications for West Coast (Air/Sea) Ports**

Gordon Palmer, Manager of Master Planning, Port of Long Beach

- **NAFTA and Transportation: The U.S. – Mexican Border**

Paul Ganster, Director, Institute for Regional Studies of the Californias, San Diego State University

Alan Sweedler, Director, Center for Energy Studies, San Diego State University

Commentators:

James Boyd, Managing Director of International Consulting for CALSTART and Former Executive Officer, California Air Resources Board

Honorable D. Elliot Parks, Mayor, City of Del Mar and Chair, San Diego Association of Governments

Open Forum Discussion

9:30 pm Informal Reception/Discussion

Monday Morning, December 8

7:30 am Breakfast

DAY TWO THEME

The Relationship Between Transportation Investment and Economic Benefit

8:30 am **Evaluating Economic Benefits of the Transportation System**

Given limited transportation investment dollars, how do we *really* know the extent to which a transportation project will benefit the economy? How can we systematically balance social and environmental costs of transportation investments in determining project benefits? What does it take to do good analyses and make good decisions? How do we use this information to evaluate the tradeoffs between projects? These questions are addressed by three noted transportation economists.

▪ **Evaluating the Economic Costs and Benefits of the Transportation System: An Overview**

David Forkenbrock, Director, Public Policy Center and Professor, Urban & Regional Planning and Civil & Environmental Engineering, University of Iowa

▪ **New Ways of Thinking About Transportation Investments**

David Gillen, Adjunct Professor of Civil & Environmental Engineering and Research Economist, Institute for Transportation Studies, UC Berkeley

- **Using Economic Analysis to Make Good Transportation Investments: Recent Case Studies**

David Lewis, President and CEO, Hickling Lewis Brod Inc., Silver Spring, MD

10:15 am Break

10:45 am **Transportation Investments and Local Economic Development**

Transportation investments are frequently justified as tools for local economic development, though the exact links between transportation systems and economic revitalization are often poorly understood. This session examines how transportation investments affect land values, stimulate investment, and affect labor mobility through two presentations: The first examines how and where highway investments stimulate economic development and productivity, and the second examines the effectiveness of various transportation programs and investments in revitalizing economically distressed areas.

- **Highway Investments and Economic Productivity: Interpreting the Evidence**

Marlon Boarnet, Assistant Professor, Department of Urban & Regional Planning, University of California, Irvine

- **Transportation Investments in Inner-City Areas: Clarifying Means and Ends**

Paul Gottlieb, Associate Director, Center for Regional Economic Issues, Case Western Reserve University, Cleveland, OH

Commentators:

Denise Fairchild, President, Community Development Technologies Project, Los Angeles

H. Pike Oliver, Vice Chairman, Interra, Inc., Newport Beach

12:30 pm Lunch

Monday Afternoon, December 8

1:30 pm

Reconciling Growing Global Freight Movement and Air Quality Attainment (Moderated Roundtable)

Dramatic projected increases in the movement of goods by plane, ship, train, and truck, while contributing to the economy, have enormous air quality implications. More stringent federal air quality standards for particulates and ozone also can likely impact the operations of the goods movement industry. At this roundtable session, representatives of regulatory agencies, goods movement sectors, and the environmental community discuss key issues and constructive strategies for achieving the dual goals of improved air quality and economic productivity associated with moving increased volumes of trade.

Roundtable Chair:

David Calkins, International Air Quality and Transportation Consultant

Governmental Perspectives:

Margo Oge, Director, Office of Mobile Sources, U.S. Environmental Protection Agency, Washington, DC

Richard Schoeneberg, Technical Air Quality Leader, Federal Highway Administration, Washington, DC

Tom Cackette, Deputy Executive Officer, California Air Resources Board

Industry Perspectives:

Trucking: **Stephanie Williams**, Director, Environmental Affairs and Industry Research, California Trucking Association

Railroads: **Mark Stehly**, Assistant Vice President, Environmental and Hazardous Materials, Burlington Northern Santa Fe Corporation

Shipping: **Jay Winter**, Executive Secretary, Steamship Association of Southern California

Environmental Perspectives:

Clifford Gladstein, Director, Interstate Clean Transportation Corridor and Immediate Past President, Coalition for Clean Air

Tim Carmichael, Policy Director, Coalition for Clean Air

3:15 pm Afternoon Break - Free time

5:15 pm Reception

6:00 pm Dinner

Monday Evening, December 8

7:30 pm **Effects of New Economic Production and Distribution Technologies on Urban Form and Land Use (Moderated Roundtable)**

Urban form throughout the United States is being affected by the ongoing decline in the “friction of distance,” the continued dispersal and fragmentation of cities, and increased reliance on fast, cheap, reliable transportation. How are cities and counties anticipating land use needs connected with changes in transportation technologies and systems? The session examines the effects of new production centers in rural areas, the declining role of concentrated employment centers, the increasing movement of goods in and between suburban and exurban employment centers, land needs for new production and transport technologies, and the role of technological change in affecting the location decisions of firms.

Panelists:

Honorable Robert Bartlett, Mayor, City of Monrovia; Vice President, Southern California Association of Governments; Director, City of Rialto Economic Redevelopment Agency (Invited)

Genevieve Giuliano, Vice Dean and Professor, School of Urban Planning & Development, University of Southern California

David Godschalk, Stephen Baxter Professor of City & Regional Planning, University of North Carolina at Chapel Hill

William Knox, Human Resources Compliance Manager, United Parcel Service, San Ramon, CA (Invited)

Gary Schoennauer, Planning Consultant, The Schoennauer Company and Former Planning Director, City of San Jose

Open Forum Discussion

9:30 pm Informal Reception/Discussion

Tuesday Morning, December 9

7:30 am Breakfast

DAY THREE THEME

Linking Economic Considerations to Transportation Policy and Finance

9:00 am **Linking Finance to the Economic Benefits of Transportation Investments**

The complex structure of transportation system finance has evolved to respond to the concerns of a wide array of interests and places. The funding of transportation systems and projects, therefore, does not necessarily relate to the expected economic benefits from investments. This session explores why the economic benefits of transportation investments are often so poorly linked to the current system of transportation finance, and offers a series of “propositions” on how we might better connect the costs of the transportation system to its beneficiaries.

- **Who Pays? Who Benefits?: Reconciling Economics and Politics in Transportation Finance**

Martin Wachs, Director, University of California Transportation Center and Professor of City & Regional Planning and Civil & Environmental Engineering, UC Berkeley

Commentators:

Federal Perspective:

Sam Zimmerman, Special Assistant to the Director of Environment and Planning, Federal Highway Administration, Washington, D.C.

State Perspective:

Andrew Poat, Chief Deputy Director, California Department of Transportation

Regional Perspective:

Lawrence Dahms, Executive Director, Metropolitan Transportation Commission, Oakland

10:30 am Break

11:00 am

Linkages to Federal Legislative and Regulatory Activity: ISTEA Reauthorization and New Air Quality Standards

The closing session links the symposium's discussions on transportation and the economy to current debates in federal transportation and air quality policy. In particular, it reviews key provisions and issues in the new or pending ISTEA legislation and new ambient air quality standards. How will the new (or pending) ISTEA legislation affect the transportation/land use/ air quality connection generally, and goods movement and international trade in particular? How can air quality improvement be achieved with large increases in goods movement? What effect will the new air standards have on mobile sources?

- **ISTEA**

Cindy Burbank, Chief of Legislation and Strategic Planning,
Federal Highway Administration, Washington, D.C.

Debra Gebhardt, Professional Staff Member for Subcommittee on
Surface Transportation, U.S. House Committee on Transportation
& Infrastructure

- **Federal Air Quality Standards**

Mary Nichols, Executive Director of Environment Now and former
Assistant Administrator for Air & Radiation, U.S. Environmental
Protection Agency

Moderated Discussion with Assembled Group

12:30 pm

Concluding Lunch and Steering Committee Meeting