

## Managed Lanes at TRB 2007

### Sunday, January 21<sup>st</sup>

Workshop 123 Innovations in Transportation Finance	8:30 AM	Suzanne H. Sale, FHWA, presiding	Hilton
Workshop 134 Emerging Issues in Transportation Pricing and Finance	8:30 AM	Lee W. Munnich, Univ. of MN, presiding	Hilton

### Monday, January 22<sup>nd</sup>

TRB Bus Rapid Transit Conference Planning Subcommittee, AP050(1)	8 AM	Frank Spielberg, Vanasse Hangen Brustlin Inc, presiding	Hilton
Multimodal Pricing Implementation Subcommittee, ABE25(2)	8 AM	William Stockton, TTI, presiding	Hilton
203 Managed Lanes in Europe: Results from 2006 Scanning Tour	8 AM	Jon T. Obenberger, FHWA, presiding  David Grant, Highways Agency, UK <i>Active Traffic Management and Managed Lanes: Experiences and Future Directions with M-42 and In England</i>  Bret Helleman, Transportation Research Centre, Netherlands <i>Active Traffic Management and Managed Lanes: Experiences and Future Directions in The Netherlands</i>  Jon T. Obenberger, FHWA <i>Active Traffic Management and Managed Lanes: AASHTO and FHWA International Scan</i>	Marriott
254 Innovations in Pricing: The Promise of Congestion Pricing to Address Future Needs	9:30 AM	Patrick T. DeCorla-Souza, FHWA presiding; Mark F. Muriello, PANYNJ, presiding  Jeffrey N. Buxbaum, Cambridge Systematics, Inc.; Kenneth Buckeye, MN DOT; Kevin F. Tierney, Cambridge Systematics, Inc.; Maya Abou-Zeid, MIT <i>Minnesota Pay-As-You-Drive Market Research (07-1687) - J2</i>	Hilton

Jian Lu, Southeast University, China  
Yingwei Ren, Southeast University, China  
*Modeling of Variable Pricing for Toll  
Collection of Cargo Vehicles on Freeways  
(07-2156) - J3*

Dilum Dissanayake, Univ. of Newcastle  
Upon Tyne, UK; Sofia Kouli, Univ. of  
Newcastle Upon Tyne, UK  
*Intercity Route Choice Stated-Preference  
Model to Investigate Driver Response to  
Road Pricing (07-2384) - J5*

Paul J. Pezzotta, Integrated Transportation  
Planning, Inc.  
*Understanding Risk, Revenue, and  
Enterprise Dimensions of Mobility Systems  
in Today's Institutional, Economic, and  
Financial Context (P07-0816) - J9*

Ewa Tomaszewska, HDR I HLB Decision  
Economics, Canada  
*Assessing Costs and Benefits of  
Contemplated Congestion Charging Zone in  
New York City Central Business District  
(P07-0780) - J10*

Daniela Bremmer, Washington State DOT  
*Tolling Strategies to Address Future  
Transportation Needs in Washington State  
(P07-1258) - J12*

255 Maximizing Highway System  
Efficiency and Throughput:  
Communicating Principles of  
Congestion Pricing to the Public  
(The Doug MacDonald Challenge)

9:30 AM

Daniela Bremmer, Washington State DOT, presiding

264 High-Occupancy-Vehicle, High-  
Occupancy-Toll, and Managed Lanes:  
Latest Developments

10:15 AM

David Schumacher, SANDAG, presiding

Katherine Turnbull, TTI  
*HOV Lanes and Hybrid Vehicles (07-0979)*

William R. Loudon, DKS Associates  
*Improving the Estimation of Potential  
Travel-Time Savings From HOV lanes (07-  
3176)*

Lee W. Munnich, Univ. of MN, Twin  
Cities; Kenneth Buckeye, MnDOT  
*I-394 MnPASS High-Occupancy Toll  
Lanes: Planning and Operational  
Issues and Outcomes (07-2404) – B7*

		Ginger Goodin, TTI <i>HOV Occupancy Verification Technologies (P07-0485)</i>	
294 Reducing Congestion with Integrated Programs of Pricing and Investment	10:15 AM	David J. Forkenbrock, Univ, of Iowa, presiding	Hilton
		Robert W. Poole, Reason Foundation <i>Reducing Recurrent Congestion in Atlanta (07-1435)</i>	
		Carolyn Wolff, Louis Berger Group, Inc.; Pierre B. Vilain, Louis Berger Group, Inc. <i>Congestion Pricing as a Traffic Management Tool: Evaluating the Impacts at New York City's Interstate Crossings (07-2424)</i>	
High-Occupancy Vehicle Systems Committee	1:30 PM	David Schumacher, SANDAG, presiding	Marriott
337 Freeway Operations Poster Session	2:30 PM	Jaimyoung Kwon, California State University, East Bay, presiding	Marriott
		Jing Dong, Univ. of Maryland, College Park; Sevgi Erdogan, Univ. of Maryland, College Park; Chung-Cheng Lu, Univ. of Maryland, College Park; Hani S. Mahmassani, Univ. of Maryland, College Park <i>State-Dependent Pricing for Real-Time Freeway Management: Static, Reactive, and Anticipatory (07-2109) - C3</i>	
Managed Lanes Joint Subcommittee of AHB35, ABE10, AHB20, AP050	3:45 PM	Ginger Goodin, TTI, presiding	Marriott
Congestion Pricing Outreach Subcommittee, ABE25(1)	7:30 PM	Lee W. Munnich, Univ. of MN, Twin Cities, presiding	Hilton

## Tuesday, January 23rd

439 Politics, Public Opinion, and  
Congestion Pricing

8 AM

Lee W. Munnich, Univ. of MN, Hilton  
presiding

Megan Smirti, UC – Berkeley;  
Alexandra Elizabeth Evans, UCLA;  
Michael W Gougherty, UC – Berkeley;  
Eric Andrew Morris, UCLA  
*Politics, Public Opinion, and Project Design  
in California Road Pricing (07-1677)*

David H. Ungemah, Tina Collier, TTI  
*I'll Tell You What I Think!  
National Review of How the Public  
Perceives Pricing (07-2612)*

Mark W. Burris, TAMU; Kaveh  
Farokhi Sadabadi, Univ. of TX,  
Arlington; Stephen Mattingly,  
Univ. of TX, Arlington; Maneesh  
Mahlawat, TAMU; Jianling Li,  
Univ. of TX, Arlington; Isradatta  
Rasmidatta, Univ. of TX,  
Arlington; Alireza Saroosh, Univ.  
of TX, Arlington  
*Reaction to the Managed Lane Concept by  
Various Groups of Travelers (07-2184)*

Johanna P. Zmud, NuStats, LLC  
*Panel Survey Evaluation of Attitudes and  
Willingness to Pay for Tolloed Facilities  
(07-3427)*

Freeway Operations Committee

8 AM

Philip H. Masters, Ontario Marriott  
Ministry of Transportation,  
Canada, presiding

548 Congestion Pricing: Lessons Learned  
from Existing Projects

2:30 PM

Mark F. Muriello, PANYNJ, Hilton  
Patrick T, DeCorla-Souza, FHWA,  
presiding

Julian M. Benjamin, NC A&T State Univ.  
*Analysis of HOT Lanes in North Carolina  
(07-1246) – A3*

John Doan, MnDOT  
*I-394 MnPASS Express Lanes, Minnesota  
(P07-0753) – A7*

Ginger Goodin, TTI; Karen  
Jones Savage, DMJM Harris  
*TxDOT Austin Loop 1 Corridor (P07-0754)-  
A9*

Marsha Whitley Fiol, Virginia DOT  
*Value Pricing and Public-Private Partnerships in Hampton Roads, Virginia (P07-0756) - B2*

Koorosh Olyai, Dallas Area Rapid Transit  
*Interstate 30 (Tom Landry Highway) Managed HOV Lanes, Dallas-Fort Worth, Texas (P07-0758) - B6*

Andrew Smith, HNTB Corporation  
*Value Pricing on the I-75 HOV-BRT Project: Atlanta, Georgia (P07-0767) - B10*

Stacey Allison Stegman, Colorado DOT  
*I-25 HOV-Tolled Express Lanes Project, Denver, Colorado (P07-0769) - B3*

Johanna P. Zmud, NuStats, LLC;  
Steven Peterson, Univ. of MN;  
Frank Douma, Univ. of MN  
*Preliminary Before and After Results of I-394 HOT Lane Panel Survey (07-0048) - B1*

551 High-Occupancy-Vehicle and Managed Lanes and Tolling

2:30 PM

Ginger Goodin, TTI, presiding Hilton

Lianyu Chu, UC – Berkeley;  
Nesamani Kalandiyur, UC – Irvine;  
Hamed Benouar, UC – Berkeley  
*Priority-Based High-Occupancy-Vehicle Lane Operation (07-3181) - K4*

Yafeng Yin, Univ. of Florida;  
Yingyan Lou, Univ. of Florida  
*Dynamic Tolling Strategies for Managed Lanes (07-1806) - K2*

Jung-Taek Lee, Virginia DOT;  
Randy Dittberner, Virginia DOT;  
Hari Sripathi, Virginia DOT  
*Safety Impacts of a Freeway Managed Lane Strategy: Inside Lane for HOV Use and Right-Shoulder Lane as a Travel Lane during Peak Periods (07-3140) - K1*

Saidi Siuhi, Florida A&M Univ. – Florida State Univ.; Renatus N. Mussa, Florida A&M Univ. - Florida State Univ.  
*Simulation Analysis of Truck-Restricted and HOV Lanes (07-0742) - K3*

Koohong Chung, California Department of Transportation; Ching-Yao Chan, UC – Berkeley; Kitae Jang, UC – Berkeley; David Ragland, UC – Berkeley; Yong-Hee Kim, UC – Berkeley  
*HOV Lane Configurations and Collision Distribution on Freeway Lanes: Investigation of Historical Collision Data in California (07-3276) - K5*

Donald R. Samdahl, Mirai Associates  
Shuming Yan, Washington State DOT  
*Evaluation of Congestion Relief Using High-Occupancy-Toll Lanes (P07-0941) - K7*

Matt Milligan, Carter & Burgess, Inc.  
*High-Occupancy-Toll Lanes: How to Implement a Successful HOV-to-HOT -Lane Conversion (P07-0942) - K9*

553 New International Research in Transportation Demand and Parking Management

2:30 PM

David H. Ungemah, TTI; Mark Hilton  
W. Burris, TAMU; Ginger  
Goodin, Casey Toycen-Dusza, TTI  
*Examining Incentives and Preferential Treatment of Carpools in Managed Lane Facilities: A State-of-the-Practice Review (07-2880) - H7*

586 Public Involvement in Priced and Tolled Highway Facility Planning

3:45 PM

Patrick T. DeCorla-Souza, Hilton  
FHWA, presiding

Jeffrey N. Buxbaum, Cambridge Systematics, Inc.  
*Attitudes Related to Potential Tolling and Pricing Strategies in Washington State (P07-0240)*

Audrey Lenee Murphy, HNTB Corporation  
Martha Boyd, TxDOT  
*El Paso, Texas: Toll Lanes on I-10 (P07-0241)*

Lee W. Munnich, Univ. of MN, Twin Cities  
*Grasstops and Grassroots Approach to Value Pricing (P07-0242)*

Bus Transit Systems Committee (AP050)

7:30 PM

Frank Spielberg, Vanesse Hilton  
Hangen Brustlin Inc, presiding

Congestion Pricing Committee	7:30 PM	Patrick T. DeCorla-Souza, FWHA, presiding; Mark F. Muriello, PANYNJ, presiding	Hilton
Freeway Operations Committee Projects Status Reports	7:30 PM	Philip H. Masters, Ontario Ministry of Transportation, Canada, presiding	Marriott
614 The New and the Old in Transportation Demand Management Initiatives: Reducing Car Use Through Personalized Travel Information and Carpooling	7:30 PM	Jianling Li, Univ. of TX, Arlington; Patrick M. Embry, Univ. of TX, Arlington; Stephen Mattingly, Univ. of TX, Arlington; Kaveh Farokhi Sadabadi, Univ. of TX, Arlington; Isaradatta Rasmidatta, Univ. of TX, Arlington; Mark W. Burris, TAMU <i>Who Chooses to Carpool and Why: Examination of Texas Carpoolers (07-1369)</i>	Hilton