
Preliminary Technical Program
(subject to change)

2nd Urban Street Symposium
Anaheim Marriott Hotel
Anaheim, California
July 28-30, 2003

INTRODUCTION

The **Urban Street Symposium** is intended to provide a forum to:

- compare and debate alternative suburban/urban street design practices,
- highlight discussion of problems caused by certain design practices and identify alternatives,
- examine long-held urban street design practices in light of the “new urbanism” movement,
- document better suburban/urban street design practices,
- promote the sharing of experience and innovations,
- transfer urban street research findings to state agencies and to local governments, and
- provide case studies and “how to” workshops.

This symposium will bring together individuals with experience or interest in urban street design and operations and will provide a unique opportunity for participants to exchange information and explore the myriad of issues that must be addressed.

MONDAY, JULY 28, 2003

ROOM

8:00 a.m. **SESSION 1: Urban Street Design –
Coming at it from Different Directions** Grand Ballroom Salon E
moderated by Kay Fitzpatrick

- Welcome – *John Lower*
- Engineers, Planners and Philosophers – *James Gattis*
- Livable Streets Initiative: The Tension Between Alternative Design and Virginia Code and Guidelines – *Robert Case*
- Safety in Planning, Design and Operations Decisions – *Douglas Harwood*
- Comparison of Safety Performance of Urban Streets Before and After Landscape Improvements – *Harlow Landphair*
- Cars, Trucks, Peds, Bikes: Can This Mix Be Fixed? – *Elizabeth Hilton*
- How Planning Decisions Impact Highway Collision Histories – *Philip Demosthenes*
- Moving Forward When You Cannot See: Issues for Pedestrians Who are Visually Impaired in the Urban Street Environment – *Janet Barlow*

11:45 a.m. **LUNCH**

Marquis Northxxxx

MONDAY *(Continued)*

ROOM

- 1:15 p.m. **SESSION 2: Pedestrians** Grand Ballroom Salon E
moderated by Ingrid Potts
- Safety Effects of Marked vs. Unmarked Crosswalks at Uncontrolled Locations: Results from 30 Cities – *Carol Tan Esse*
 - Using the Number of Passing and Meeting Events to Design Pedestrian and Bicycle Shared-Use Paths – *Joseph Hummer*
 - In-Pavement Flashing Crosswalks: State of the Art – *Rock Miller*
- 1:15 p.m. **SESSION 3: Access Management** Grand Ballroom Salon F
moderated by Kristine Williams
- Iowa’s Statewide Urban Design Standards Promote Improved Access Management – *Dale Harrington and David Plazak*
 - The Use of GPS and GIS to Analyze Access Near Intersections – *Chris Huffman*
 - Comparison of Crashes on Median-Divided and Five-Lane Roadways in Charlotte, North Carolina – *Debbie Self*
- 2:30 p.m. **BREAK**
- 3:00 p.m. **SESSION 4: Transit and Multimodal Facilities** Grand Ballroom Salon F
moderated by Brian Ray
- Identifying Locations for Bus Nub Installation on Urban Roadways – *Janice Daniel*
 - Median Bus Lane Design in Vancouver, BC: The #98 B-Line – *Simon Li*
 - The Alameda Corridor: A Project of National Significance – *Arthur Goodwin*
 - Bus Rapid Transit on City Streets: How Does It Work – *Herbert Levinson*
- 3:00 p.m. **SESSION 5: Learning from the Projects** Grand Ballroom Salon E
moderated by Larry Sutherland
- A Tale of Two Streetscapes – *Gregory Giering*
 - Grant Avenue in Odessa, Texas: A Downtown Streetscape Success – *William Frawley*
 - Public Involvement Plan for the Kelly Parkway Corridor Study: Context Sensitive Design – *Rodolfo Rivera*
 - Traffic Calming in a Smart Growth Community – *Christopher Forinash*
- 4:45 p.m. **BREAK**
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MONDAY (Continued)

ROOM

5:30 p.m.

**SESSION 6: Challenges in Urban Street Design
(Posters and Reception)**

Veranda

- A Methodology to Assess Design Features for Pedestrian and Bicyclist Crossings at Signalized Intersections – *Keith Hines*
- Evaluating Operating Speeds for Low-Speed Urban Streets – *Karen Dixon*
- Implementing a Program for Access Management in Texas: Lessons Learned – *William Frawley and William Eisele*
- Simulating Roundabouts With VISSIM – *Michael Trueblood*
- Slippery Metal Covers: How Long Are We Gonna Bear With It? – *Zhongren Wang*
- Urban Street: Is There Room for Segway Human Transporter (HT)? – *Rongfang Liu*
- Blind Pedestrians at Unfamiliar Signalized Intersections: Research on Safety – *Billie Louise Bentzen*
- A Roundabout Case Study Comparing Capacity Estimates from Alternative Analytical Models – *Rahmi Akçelik*
- Cross Bronx Connector Road System – *Jerome Gluck*

TUESDAY, JULY 29, 2003

8:00 a.m.

SESSION 7: Smart Growth
moderated by Frank Spielberg

Grand Ballroom Salon F

- Characteristics and Performance of Smart Growth Transportation Systems – *Mary Kay Santore*
- Smart Growth Alternatives to Minimum Parking Requirements – *Christopher Forinash*
- Street Systems and Classifications to Support Smart Growth – *Frederick Dock*
- Design Guidance for Great Streets: Addressing Context Sensitivity for Major Urban Streets – *Ellen Greenberg*

8:00 a.m.

SESSION 8: Roundabouts
moderated by Eric Worrell

Grand Ballroom Salon E

- Operational Efficiency of Roundabouts – *Eugene Russell*
 - Use of Roundabouts in an Urban Setting – *Beatrice Isaacs*
 - Field Observations of Path and Speed of Motorists at Double-Lane Roundabouts – *Vaughan Inman*
 - Signing and Pavement-Marking Strategies for Multi-Lane Roundabouts: An Informal Investigation – *Christopher Kinzel*
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1:15 p.m. **TOURS**

- **Tour A – Urban Street Design in the Anaheim Area:**
guided by John Lower, Traffic and Transportation Manager, City of Anaheim and Bill Hillis, Manager, Community Logistics, Disney

This tour will include Harbor Boulevard Redevelopment, Anaheim CDB redevelopment, Disneyland parking and traffic management issues, City of Anaheim Traffic Management Center, Orange traffic circle and other sites.

- **Tour B – Urban Street Design in the Long Beach Area:**
guided by David Roseman, City Traffic Engineer, City of Long Beach and Kerry Cartwright, Manager of Transportation Planning, Port of Long Beach

This tour will include concurrent HOV lane operations, Port of Long Beach (one of the world's busiest seaports) integration of LRT into arterial traffic control, City of Long Beach redevelopment, and the Long Beach traffic circle.

1:15 p.m. **WORKSHOPS**

- **ADA Accessibility and Roundabouts (Access Board):** Grand Ballroom Salon E

Participants include researchers David Guth of the Department of Blind Rehabilitation at Western Michigan University and Ronald Hughes of the UNC Highway Safety Research Center, roundabout designer Bruce Robinson of Kittelson and Associates, consumers Jenine Stanley of Guide Dog Users International and Ken Stewart of the Council of Citizens with Low Vision International, engineer Joe Bared and civil rights staffer Barbara McMillen from FHWA, and research coordinator Lois Thibault from the Access Board.

This workshop will review previous roundabout programs and current research. An expert panel will address key issues and assess proposed treatments to make roundabouts usable by pedestrians who have vision disabilities. Attendees will receive a copy of the Access Board's technical assistance bulletin on accessible roundabouts.

- **Context Sensitive Design:** Grand Ballroom Salon F
led by Nick Stamatiadis and Don Hartman, University of Kentucky

This workshop will present the basic concepts of teamwork and public involvement which are essential in CSD, define principles of well-designed roadways, demonstrate aesthetic treatments in roadway design, and present tools for approaching CSD solutions. Case studies that have incorporated these concepts will be included.

8:00 a.m. **SESSION 11: Schools** Grand Ballroom Salon E
 moderated by Rich Cunard

- Transportation Concerns Near Schools – *Mark Wooldridge*
- Traffic Operations and Safety at Schools: Review of Existing Guidelines – *Scott Cooner*
- The Effects of School Zones on Driver Behavior – *Elizabeth Young*

8:00 a.m. **SESSION 12: Cross Section** Grand Ballroom Salon F
 moderated by Wendel Ruff

- How Much Do You Lose When Your Road Goes on a Diet? – *Carol Tan Esse*
- Urban Minor Arterial Four-Lane Undivided to Three-Lane Conversion Feasibility: An Update – *Keith Knapp*
- Back in Angle Parking in the Central Business District – *John Nawn*

9:15 a.m. **BREAK**

9:45 a.m. **SESSION 13: The Great Debate:** Grand Ballroom Salon E
Smart Growth Pro and Con
 moderated by Jim Gattis

Prepare yourself for an exciting conclusion to the Symposium as two speakers approach this issue with opposing perspectives.



Mr. Todd Litman, founder and executive director of the Victoria Transport Policy Institute, is on the board of the Canadian Centre for Sustainable Transportation. He will speak “for” Smart Growth, discuss market distortions, and describe examples of “win-win” market reforms.



Mr. Wendell Cox, principal of Wendell Cox Consultancy, is a visiting professor at the Conservatoire National des Arts et Métiers in Paris. He will speak “against” Smart Growth and advocate a pro-choice approach to urban development.

11:30 a.m. **CLOSING**