

5th Urban Street Symposium



TRB / NCSITE
USS 5

Organized by:
Transportation Research Board
North Carolina Section of
Institute of Transportation Engineers

Urban Street Symposium

Objective

...to provide a forum to compare and discuss alternative street design practices

Co-Chairs

- Kay Fitzpatrick, Texas A&M Transportation Institute
 - Representing Transportation Research Board
- Christa Greene, Stantec
 - Representing North Carolina Section of the Institute of Transportation Engineers

History

- Idea = late 1990s
- First meeting = June 1999 in Dallas, TX
 - Photo from traffic calming tour...



History (continued)

- “Cars, Trucks, Peds, Bikes; Can this Mix be Fixed?”
- Still talking about...
 - Speed and speed management
 - Access management
 - Public involvement
- Lots of changes in design in past two decades...

Beanie Babies, Pagers, Beepers



Performance-Based Practical Design



Problem

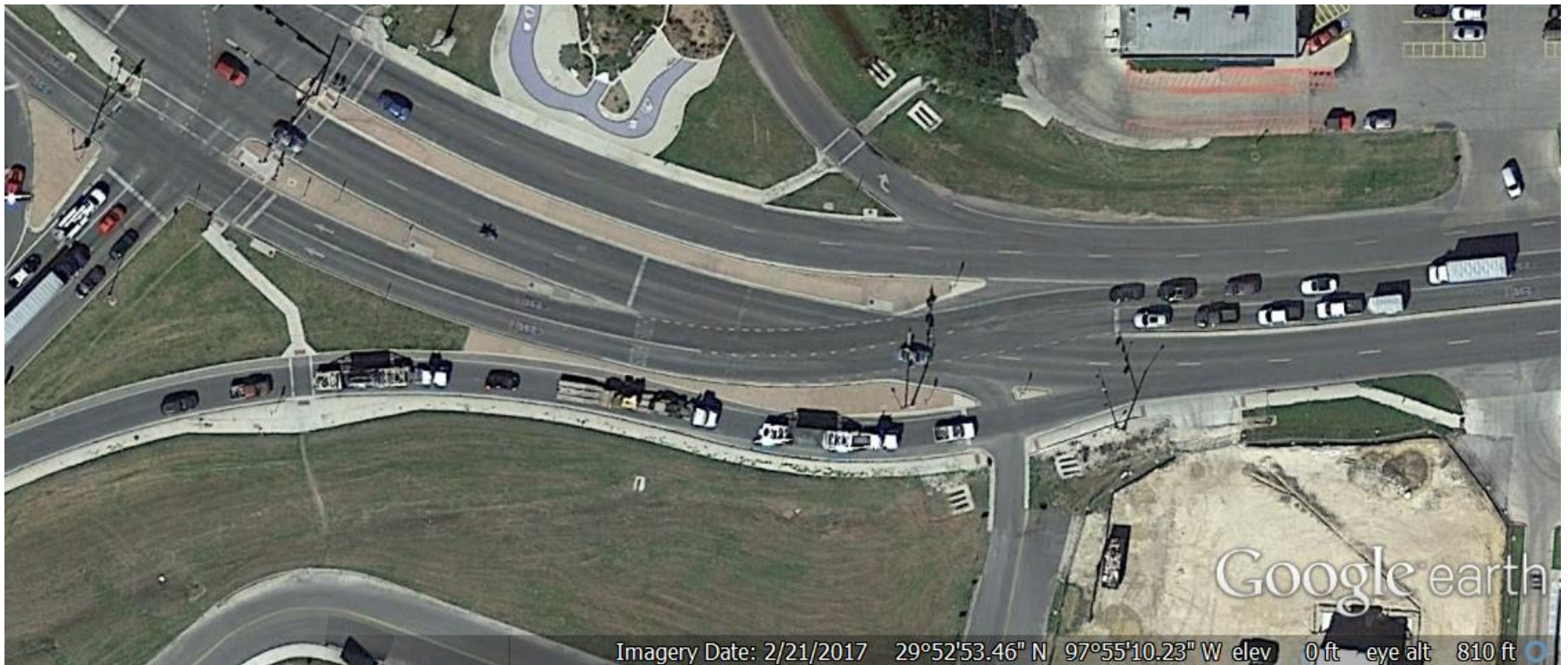
Solution

Greater Emphasis on Pedestrians and Bicyclists – Separated Bike Lane Example



Source: Fitzpatrick

Innovative Intersection Designs – Displaced Left-Turn Diamond Interchange (San Marcos, TX)

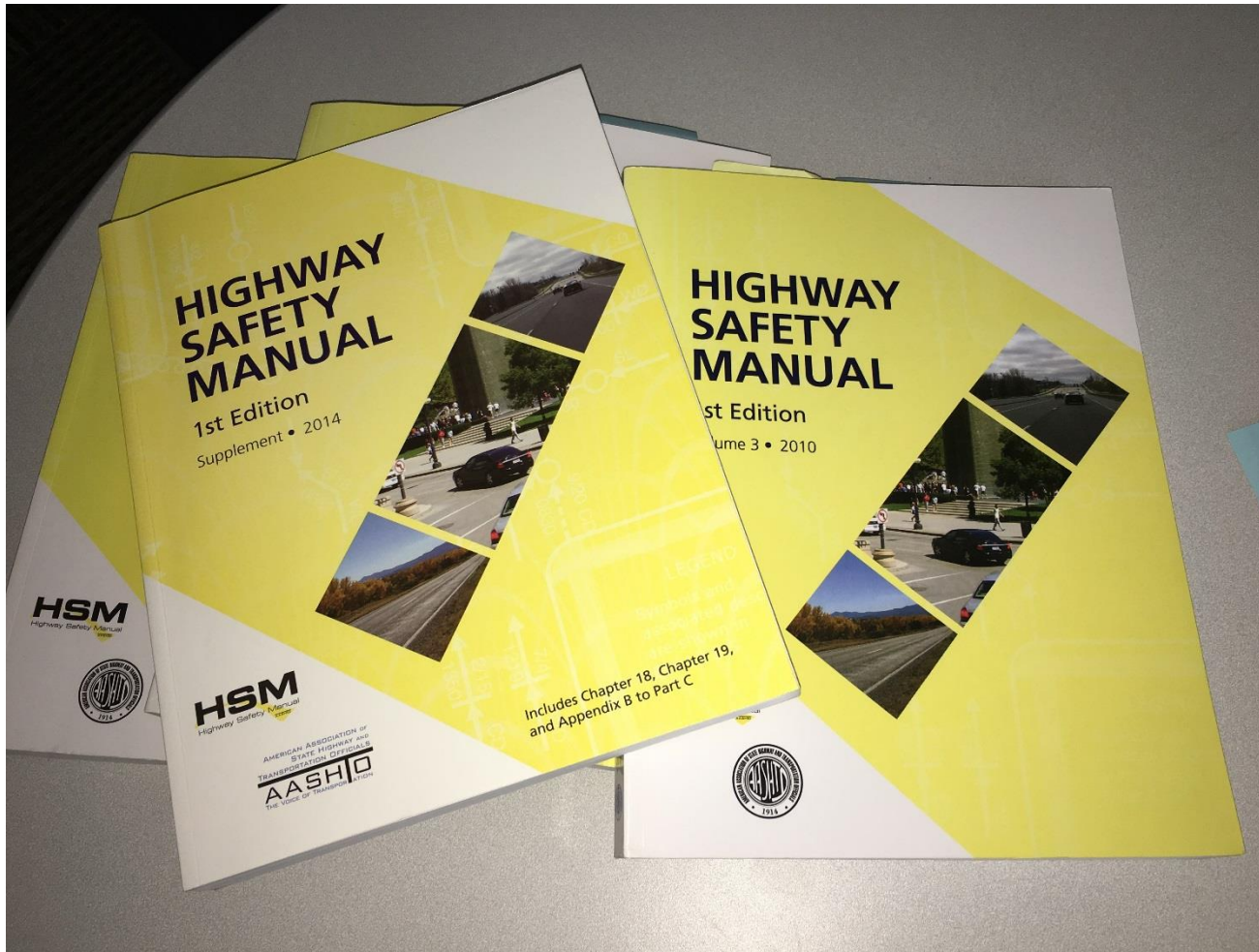


Shared Space – Bringing Lessons from Europe and Canada

Source: Fitzpatrick



Evidence-Based Safety Evaluations



Source: Fitzpatrick

Connected and Autonomous Vehicles



Source: TTI.tamu.edu

Schedule at a Glance

MONDAY (May 22, 2017)				TUESDAY (May 23, 2017)				WEDNESDAY (May 24, 2017)					
8:30 am - 10 am	Registration	Opening Session (Ballroom C)			8:30 am - 10 am	Registration	Breakfast and Poster Session (outside 305A-B and 306A)			8:30 am - 10 am	Technical Sessions	Technical Sessions	Technical Sessions
10 am - 10:30		Break			10 am - 10:30		Break			10 am - 10:30	Break		
10:30 am - noon		Technical Sessions	Technical Sessions	Technical Sessions	10:30 am - noon		Technical Sessions	Technical Sessions	Technical Sessions	10:30 am - noon	Closing Session (Ballroom C)		
12 - 1:30 pm		Lunch (Ballroom C)			12 - 1:15 pm		Lunch (North Lobby)			12 - 1 pm	Boxed Lunch (<i>Separate Fee</i>)		
1:30 pm - 3 pm		Technical Sessions	Technical Sessions	Technical Sessions	1:15 pm - 3:15 pm		Workshops and Technical Tours			1:00 pm - 3 pm	Joint AHB65 and AFB10 Committee Meetings		Available for Committee Meetings
3 - 3:30 pm		Break			3:15 - 3:45 pm		Break			3 - 3:30 pm	Break		
3:30 - 5 pm		Technical Sessions	Technical Sessions	Technical Sessions	3:45 - 5:45 pm		Workshops and Technical Tours			3:30 - 5 pm	AHB65 Committee Meeting	AFB10 Committee Meeting	
6 - 8:30 pm		Networking @ NC Museum of Natural Science			6 - 8:30 pm		North Carolina Pig Pickin' @ Mordecai Historic Park						



TRB AND NCSITE PRESENT
**URBAN STREET
SYMPOSIUM 5**
RALEIGH, NC | MAY 21-24, 2017