

**88th Annual Meeting
Transportation Research Board
Sunday, January 11, 2009
Marriott Wardman Park Hotel
Room: Washington– B2
9:00 AM – 5:00 PM**

Workshop #139*

**TITLE: Nonmotorized Transportation Pilot Program:
Breaking New Ground in Bicycle/Pedestrian Research**

Overview of workshop

This workshop is designed for bicycle and pedestrian practitioners and researchers facing the challenge of planning and implementing transportation systems that combine biking and walking (with transit) in balanced and connected networks. The SAFETEA-LU Nonmotorized Transportation Pilot Program is providing \$25 million to each of four communities to develop just such networks and to conduct research to evaluate their impacts on congestion, energy, air quality and public health. At midpoint of this four year demonstration, join us, help us, and gain from this Pilot experience.

This workshop will explore the work done to date by the Pilot Communities and the research design that is in place to gather data and evaluate the multiple benefits of nonmotorized transportation. The outcome sought is a better understanding of the challenges faced by pedestrian and bicycle planners and new ideas about how best to exploit the opportunities presented by the Pilot Program to further the state of the art and practice in nonmotorized transportation planning and research.

Welcome: Welcome (Agenda, Roles, Outcomes)
9:00 AM Franz Gimmler, Rails to Trails Conservancy

**Session A – Session Focus – Pilot Program
National Demonstration Programs: Taking the lead in Transportation
Innovation – Potential vs. Reality**

Purpose: The Purpose of this national pilot program is to lead the nation in a focused and controlled learning experience: To what extent can nonmotorized transportation systems meet stated objectives? The purpose of this Session is to present insights from the four pilot communities on their progress, plans, and lessons learned, and on the role of national demonstration programs to foster innovation.

Target Audience: Local practitioners, public officials and industry leaders interested in promoting nonmotorized transportation locally and nationally.

Presentation: #1: The Nonmotorized Transportation Pilot Program (SAFETEA-LU
9:05 AM Section 1807), What it is and how it works.
Gabe Rousseau, Federal Highway Administration (10 Min including 1-2 clarifying questions)

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- Implementation Panel** 9:15 AM #2: The Four Pilot Programs – Brief Presentations on Pilot Program activities including one common Pilot theme in each presentation)
Moderator: Franz Gimmler, (10 Min each including 1-2 clarifying questions)
- A - *GetAbout Columbia*: A short Description
Ted Curtis, City of Columbia, MO
 - B - *Walk/Bike Marin*: A short Description
Craig Tackabery, Marin County, CA
 - C - *Bike/Walk Twin Cities*: A short Description
Tony Hull , Transit for Livable Communities, MN
 - d. *Get Connected Sheboygan*: A short Description
Mary Ebeling, Sheboygan County WI
- Barriers Panel:** 9:55 AM #3: Insights into the Pilot Program: An overview of challenges and implementation issues that have been confronted and overcome. Moderator: Barb Thoman, (7 Min each, then 10 Min Q&A may be combined with #4)
- A - Compliance with Title 23: Nonmotorized Pilot, Safe Routes to Schools, and Transportation Enhancement projects must all comply with Title 23. Mr. Tackabery will describe how Title 23 requirements differ from locally funded project requirements and how it is being addressed in Marin County.
Craig Tackabery, Marin County, CA
 - B - Project/Procurement and Citizen Participation
Mary Ebeling, Sheboygan County WI
 - C - Facility Design and Promotional Programs
Ted Curtis, City of Columbia, MO
 - D - Addressing Institutional Barriers.
Robert Lilligren, V.P. Minneapolis City Council
- Plenary/Breakout Discussion** #4: Structured Discussion among all attendees focusing on challenges facing planners/designers of small and innovative transportation projects. The Pilot Program seeks techniques to simplify and expedite implementation and evaluation of such projects. (20 Min)
- Presentation:** 10:55 AM #8: "Active Transportation for America" -- quantifying the benefits of nonmotorized transportation. An overview of the research questions and challenges along the path to calculating return on investment and measuring the multiple values of bicycling and walking facilities.
Thomas Gotschi, Rails to Trails Conservancy (15 Min + 5 Min Q+A)
- Lunch** 11:15 AM Brown Bag Lunch in Room (45 Min)(Carry-out is available in hotel)
- Session B -** **Session Focus - Planning**
Improving data collection and evaluation methods to plan nonmotorized travel behavior.
- Purpose:** Review the research methods utilized by the NMTTP and assess the state of the practice, new methods, and opportunities to improve data collection and evaluation methods associated with nonmotorized travel.
- Target Audience:** Planners, public works officials, and researchers responsible for developing transportation alternatives and improving networks.

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- Measures Panel:** #5: How is the NTPP evaluating progress at community-wide, project and program levels for its reports to Congress? Moderator, Thomas Gotschi, 12:00 PM (10 Min each including 1/2 clarifying questions)
- A - Overview
Bill Lyons, Volpe National Transportation System Center
 - B - What are the public health benefits associated with mode shifts to nonmotorized travel?
Andy Dannenberg, Center for Disease Control, Atlanta, (Invited)
 - C - University of Minnesota research for the “Interim Report”.
Kevin Krizek, University of Colorado, Boulder
 - D - TLC’s experiences in promising techniques for estimating community-wide change, and evaluating individual projects.
Tony Hull, Transit for Livable Communities
 - E - Practices to promote uniformity and quality in nonmotorized data collection and evaluation.
Alta is involved in data collection and evaluation methods of bicyclists and pedestrians, including a model that can project future demand for un-built facilities, that may play an important role in the Pilot Communities and communities nationwide. Mr. Jones will discuss the current methods, findings, and progress in this fast evolving field, and how consistency in count and survey methods will ultimately lead to a widely-accepted and used methodology.
Michael Jones, Alta Planning
- Expert Panel:** #6: What data and methods do planners need to design and justify nonmotorized projects, policies and programs? Moderator, Tony Hull(5 Min each, then 10 Min Q&A may be combined with # 7) 12:50 PM
- A- Billy Fields, University of New Orleans
 - B- Jennifer Dill, Portland State University (Invited)
 - C- Sean Co, Metropolitan Transportation Commission, San Francisco CA
- Plenary/Breakout** #7: Structured discussion among all attendees focusing on improved planning data and methodologies that might be employed by the Pilot Program. What are the gaps in data and methods that planners need to consider nonmotorized transportation alternatives equally, alongside highway and transit alternatives in planning and programming processes? (20 Min)
- Break** Stand-up, Stretch, Walk-Around (5 minutes) 1:35 PM
- Session C:** **Session Focus - Policy**
Decision-making by public officials to support nonmotorized transportation based on major policy goals – climate change, energy, and public health.
- Purpose:** What information do decision-makers need on the contribution nonmotorized travel can make to *congestion relief, energy conservation, reduced greenhouse gas emissions, and public health?* What do we know, what do we need to know, and what are implications for improving planning and research?
- Target Audience:** Public Officials, advocates, and researchers working to improve transportation and officials from energy, environmental, health, or other sectors with an interest in transportation.

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- Issues Panel:** #9: Experts explain their approach to making a compelling and, where possible, quantitative case for nonmotorized transportation. Policy implications and imperatives for the transportation planning and research community. Moderator, Billy Fields. (10 Min including 1-2 clarifying questions)
- A - How the Pilot Program’s Research Design will meet the Congressional reporting requirements of Section 1807
Bill Lyons, Volpe National Transportation Systems Center
 - B - Regional Transportation Planning – How the San Francisco Bay Area MPO committed \$1 Billion toward bike/ped projects – data needs and evaluation techniques in terms of Regional Plan Goals.
Sean Co, Metropolitan Transportation Commission, San Francisco Bay Area, CA
 - D - The position of nonmotorized transportation in Dutch multimodal planning – An examination of key policy issues.
Jos Arts, Ministry of Transport, The Netherlands
 - E - How do shifts to nonmotorized travel contribute to reduced use of fossil fuels, reduce CO₂ emissions, and affect climate change -- a statewide perspective.
Robert Noland, Rutgers University
 - F - Nonmotorized infrastructure and community vitality. (Trail Oriented Development)
Billy Fields, University of New Orleans, LA
- Expert Panel:** #10: What resources do decision-makers need to select and justify nonmotorized transportation investments in the competitive world of transportation investments? How can the Pilot Program pave the way to a “level playing field?” Moderator, Bill Lyons, (10 Min + 10 Min Q&A may be combined with #11)
- A - Robert Lilligren, City Council, Minneapolis, MN
 - B - Jennifer Dill, Portland State University (Invited)
 - D - Kevin Mills, Rails to Trails Conservancy
 - F - Jos Arts, Ministry of Transport, The Netherlands
 - G - Michael Jones, Alta Planning and Design
- Open Discussion:** #11 Structured discussion among panelists and attendees to bring their insights to bear on the information needed for robust policy development, concluding with a recap of the “return on investment” in nonmotorized transportation and a review of steps needed to assure that the Pilot Program Final Report to Congress satisfy the needs of the transportation and public policy community. (30 Min)
- “The Last Word”** #12 “The Potential of Cycling in the USA: Pursuing Opportunities and Overcoming Challenges”
4:00 PM John Pucher, Rutgers University, NJ (20 Min + 10 Q&A)
- Open Microphone** Wrap up discussion of issues and opportunities (35 Minutes)
4:30 PM
- Adjourn** #13 * **Note:** With funding from the Robert Wood Johnson Foundation, Harvard University will be participating in this session and preparing a record of key policy issues. Following the workshop, participants will receive a copy of the proceedings.
5:00