

ABE20 – Transportation Economics  
Committee Meeting during the TRB 2014 Finance Conference  
Friday July 11 from 11:00 to 2:00 (PT)  
Huntington Room, Beckman Center, Irvine, CA  
Toll-Free: [866-528-2256](tel:866-528-2256) [Access code: 3341442](#) #

#### AGENDA

- 11:00 Welcome and Introductions
- 11:10 Approval of January 2014 meeting minutes
- 11:15 TRB Staff Report and introduction – Monica Starnes & Brittney Gick
- 11:25 Future Summer Meetings – discussion of locations, events and topics.
- 11:30 Committee Business
  - TRB Annual Meeting 2015 Workshops and Sessions – Mark Burris
  - TransportationEconomics.org and other communication issues – Sabyasachee (Sabya) Mishra

11:45 Presentations

Tentative : Chris Williges on BCA tools and Mike Lawrence (very tentative) on the TOPS-BC BCA tool

12:20 Lunch

1:00 Subcommittee Reports

Joint Subcommittee on the Economics of Pricing – Darren Timothy

Joint Subcommittee on Parking Pricing – Rachel Weinberger

Joint Subcommittee on Public-Private Partnerships – Jennifer Mayer

Joint Subcommittee on Risk and Resilience in Assessment and Planning –  
Silvana Croope

1:20 Research Needs – Ralph Erickson/Lei Zhang

Discussion of several research needs statements that are in progress

(<http://www.transportationeconomics.org/research>)

Discussion of ongoing research and gaps in that research

1:50 Other business / Announcements

2:00 Official committee meeting ends.

# Future Summer Meeting

- Washington, D.C. next summer
- Better/other options?

# 2015 Annual Meeting

- Workshops:
  - **Critical Infrastructure Resilience and Cost-Effective Adaptation: A Closer Look at Economic and Interoperability Factors.** Organized by Silvana Croope, co-chair of the TRB Risk and Resilience Planning & Analysis Joint Subcommittee
  - **Possibly something on the impacts of the energy development on transportation infrastructure.** Marie Venner (Venner Consulting) looking into it.
- Can invite a non-traditional stakeholder (last year: representative from Fitch Ratings)
- TRB is sponsoring a Workshop on the Value of Transportation Infrastructure on July 23-24, 2014, in Washington, D.C

# 2014 Annual Meeting

Type	Title	Time
Workshop 143	Parking Policy and Urban Mobility: Expanding Our Understanding  •Behavioral Economics: Understanding Choices in Road, Transit, and Parking Pricing	Sunday 9:00am- Noon
Workshop 132	Pay-As-You-Drive Insurance (Nichols & Kockelman, 1060kb PDF) •Measuring Risk Aversion to Guide Policy (Rutstrom, 746kb PDF) •Incentive Mechanisms for Transport Networks (Yue, 1589kb PDF)	Sunday 9:00am- Noon
Workshop 209	Transportation Impacts of the Global Economic Crisis	Sunday 1:30- 4:30pm
Poster 323	Current Issues in Transportation Economics  Cost Recovery Strategies for Transportation Agencies: Protecting Transportation Infrastructure and Systems Through Financial Strength. (With Critical Transportation Infrastructure Protection (ABE40))	Monday 10:45am- 12:30pm
Lectern 346	Tolling in the United States and Abroad	Monday 1:30- 3:15pm
Lectern 673	Accessibility and Economic Well-Being. (with Accessible Transportation and Mobility (ABE60), Social and Economic Factors of Transportation (ADD20))	Tuesday 3:45- 5:30pm
Lectern 719	Building Credibility One Story at a Time: Linking Economic Growth to Transportation Improvements. (With Strategic Management (ABC10) and Transportation and Economic Development (ADD10))	Tuesday 7:30- 9:30pm
Lectern 750		Wednesday 8:00- 9:45am

# Committee Liaisons

Committee Number	Committee Name	Liaison(s)
A0030T	Task Force on Data for Decisions and Performance Measures	Nancy Bergeron
ABC30	Performance Measurement	Valentin Vulov
ABC40	Transportation Asset Management	Rimon Rafiah
ABE10	Revenue and Finance	Brian Weatherford
ABE25	Congestion Pricing	Brian Weatherford
ABE30	Transportation Issues in Major US Cities	Rabinder Bains
ABE50	Transportation Demand Management	Sisinnio Concas
ADA50	Transportation Planning, Programming and Systems Evaluation	Shiva K. Shrestha
ADB10	Travel Behavior and Values	Lei Zhang
ADB40	Transportation Demand Forecasting	Lei Zhang
ADC10	Environmental Analysis in Transportation	
ADD10	Transportation and Economic Development	Brian Weatherford / Nadia Gkritza
ADD20	Social and Economic Factors of Transportation	Rabinder Bains
ADD30	Transportation and Land Development	Kara Kockelman
ADD40	Transportation and Sustainability	
ADD50	Environmental Justice in Transportation	
ABH15	Intelligent Transportation Systems	Peter Rafferty
AHB35	HOV, HOT, and MLs	Mark Burris
ANB20	Safety Data, Analysis and Evaluation	Nancy Bergeron

# Webinar Tutorials

- **<http://www.trb.org/abouttrb/AnnualMeetingTutorials.aspx>**
  - New Members Orientation
  - Paper Author Webinar
  - Paper Review Coordinator Web Meeting
  - Paper Reviewer Training Webinar
  - Session Organizer Web Meeting
  - TRB Annual Meeting – How To Survive and Thrive Webinar

# Papers for Publication, 2014

Paper	Title	Authors
14-0220	United States Toll Roads Since 1950: Trends in Toll Rates per Mile Compared to Inflation	Ronald Davis
14-0537	Travel Time Reliability: How To Measure And Explain Trends With Traffic Data And Apply This For Economic Evaluation?	Han van der Loop, Jan Perdok & Jasper Willigers
14-4955	Assessment of Economic Impacts of a VMT Fee for Passenger Vehicles in Nevada	Alexander Paz, Andrew Nordland, Naveen Veeramisti & Alauddin Khan

# Paper Reviews for January 2015

We will distribute reviews in mid-August...

Thanks for you honest and timely reviews  
(please do not forget appropriate numerical  
ratings)

We have great reviewers and are proud of it!

# Research Needs

- Multimodal Tradeoffs for Investment Decision-Making (14kb docx)
  - There is a real need to get realistic estimates of the mode shift potential from investment in these highway alternative modes
  - there is increased recognition of the externalities produced in the transportation sector
  - The idea of investment for system-wide efficiency, is something that needs to be explored
  - Leading: Starr McMullen
- Reverse Auctions to Renew and Expand Public Transportation in the US (23kb docx)
  - Issues with the public provision of goods
  - Issues with current “high bid auctions” for subsidies
  - Advantages of Reverse Auctions in Expanding Access to Transportation
  - Leading: Ralph Erickson/Ric Geddes
- Estimation of Cross Price and Own Price Elasticities (31kb docx)
  - Estimation of own and cross-price elasticities of different surface roads and across modes
  - Attempt to develop updated own price and cross-price elasticities for various road pricing
  - Development of best practices as to pricing and service rules based upon market scale and geography
  - Leading: Jonathan Peters, and Cameron Gordon
- Automated vehicles : Impact on travel behavior and cost of travel. Impact on VOT if people can work in their vehicles
  - Leading: Nancy Bergeron
  - Volunteer: Karen White

# Research Needs

- Data for Decisions and Performance Measures to put economic measures of the benefits of research
  - Leading: Nancy Bergeron
  - Volunteer:Rimon Rafiah, Jim Gillespie, Yiyi Wang
- Wider economic benefits of large transportation projects and network configurations - problems of measurement and evaluation under consideration of risk and uncertainty
  - Leading: Dr. Werner Rothengatter
- Permanent controlling of cost and benefit streams for transportation projects in the context of building information modeling - a concept for integrating cost and benefit calculations into BIM
  - Leading: Dr. Werner Rothengatter
- Surety Best Practices for Public Transportation (15kb docx)
  - A "Surety" is a performance bond required by federal level to be posted by construction contractors
  - Perhaps reach out to other committees (revenue and finance, public transportation) for joint development. Perhaps include international best practices
  - Leading: Robena Reid
  - Volunteer: Nicolas Estupinan
- Economic Principles in Advance Disaster Planning (15kb docx)
  - What are the returns to infrastructure re-building after a disaster (both in terms of timing and prioritization)?
  - Disinvestment in infrastructure
  - Related NCHRP project: Economic Development Implications of Transportation Disinvestment
  - Leading: Alex Marach
  - Volunteers: Cam Gordon, Jon Peters, Kumar Indraneel

# Research Needs

- Benefit Cost Analysis of Anticipated CAFE Standards (20kb docx)
  - Leading: Mike Lawrence, Gabe Roth, Ralph Erickson, Don Pickrell
  - Volunteers: Bismark Agbelie, Karen White, Gabriel Roth, Georgina Santos, Kara Kockelman, Alex Marach
- Behavioral Aspects of Parking Pricing
  - Parking Management Joint Subcommittee
  - Leading: Rachel Weinberger
  - Volunteers: Karen White, Gabriel Roth, Georgina Santos
- Assessing the Economic Benefit of Transportation Infrastructure Investment in a Mature Surface Transportation System
  - Cambridge Systematics TRB Project and PDF Report
  - Section 3 of the report has some big picture economic issues that deserve research and are part way to being RNS statements already
  - Volunteers: Sisinnio Concas, Kara Kockelman, Susan Binder, Shiva Shrestha, Sayba Mishra, Jon Peters