

**\*DRAFT\* Annual Meeting Minutes \*DRAFT\***  
**Tuesday, June 17, 2014, 4:00-5:30pm (Eastern)**  
**Wednesday, January 14, 2015, 8:00AM - 12:00PM (Eastern)**  
**Marriott Marquis, Independence D (M4) – Washington, DC**

- Joe Zietsman – welcome, and introductions of attendees
  - Reiterated committee’s mission from strategic plan – to advance knowledge on sustainability, be the go-to committee for others in TRB and other committees. Triple-bottom line sustainability, not focused on a single element.
  - Also mentioned the first international conference on transportation and sustainability, scheduled for May 6-8 2015 in Washington D.C.
  - Was a very productive year, nominated for blue ribbon award.
  - Committee rotations will happen this year – will be working with Damon on it.
  - Encourage those interested to volunteer for subcommittees.
  - Briefly went over the agenda
  - Welcomed Mike Chester as new Communications subcommittee chair
  - Todd Litman was acknowledged for past role on Indicators subcommittee, now taken over by Henrik Gudmundsson and Dan Hardy, who have refocused it as the Sustainability Measurement Subcommittee.
  - Acknowledged Monica Starnes, new TRB liaison, and her role in moving forward not just committee activities but international conference planning.
  - Encouraged those interested in being a friend of committee to a) sign up at myTRB (for future use) and b) email Ralph Hall (to get on current list)
  
- Monica Starnes – provided an overview of TRB
  - Reiterated importance of updating profiles on myTRB, especially as this system will be used for committee rotations
  - This year TRB attendees – preliminary numbers 5-6% above last year, over 12000 attendees.
  - TRB is administering a survey to get feedback on new venue – attendees are encouraged to respond regarding their experience
  - June 2014 – TRB adopted a new strategic plan, available on TRB website.
  - New incoming Executive Director will implement this plan.
  - Technical Activities Council has also adopted a new strategic plan, is also looking at critical and long range issues, such as connected vehicles, and what they mean for different fields in transportation. More emphasis in strategic, long term thinking.
  - ADD40 has to update our strategic plan in 2016, so now is a good time to think about these issues.
  - New record of paper submissions, over 5400 papers, with 750 sessions and workshops.
  - March 1 is the deadline for webinar proposal submissions (general overview and potential speakers identified – there is an online form that needs to be filled) to be presented in second half of 2015. Last year there were 43 webinars by standing committees, reached 7500 people.
  - Question re TRR publication timeline – currently stands at approx. 1 year; no plans to change as of now, though TRB is looking to speed things up in the process.
  - Workshop submission deadline is June 15.
  - Paper/session timeline:

June 1	Paper Submission website opens
August 1	Deadline for submission of the full paper in PDF format
September 15	Deadline for reviewers to complete paper reviews
October 15	Deadline for chairs to send review results to authors
Mid to Late October	TRB invites presenters to the Annual Meeting
November 15	Deadline for paper resubmission for inclusion on the Annual Meeting Compendium

- Joint calls for papers are doable, but suggest informing the relevant committee staff.
  - Theme for 2016 – Research Convergence: Delivering on Our Connected, Multimodal Future.
- Mark Kross (Group Chair). Noted his appreciation for the committee’s energy and noted the blue ribbon nominations were highly regarded, and encouraged to keep up the good work and try for next year. TRB Emphasis areas (by incoming Executive Director) will be distributed to committee chairs. This years “hot topic” is automated/connected vehicles – encouraged to give some consideration to this topic area over the coming year.
  - Leigh Lane (Section Chair). Made brief remarks and distributed certificates to acknowledge contributions
  - Damon Fordham – went over committee business
    - Mid year meeting will be in May in conjunction with the May conference
    - Past mid year meeting was with ADC60 (Waster Management and Resource Efficiency) in New York
    - Some other committees also interested in holding mid year meeting at international conference
    - Committee rotations – many are at term limit, need to look for new members and will take into account participation in subcommittees, etc. Recommendations due to TRB January 31
    - Reported back from Section Meeting – our committee’s strategic plan update due 2016, format may change, focus on performance measurement may be something to include
    - New Task Force on Public Health and Arterials – look at health impacts of arterials, may broaden focus later to other facilities. We are parent committee of subcommittee and health
    - New Section on Resilience, with three committees (Critical Infrastructure, Emergency Evacuation, Logistics of Disaster and Business Continuity) – other committees may get involved.
  - Communications Report back (Ralph Hall/Mike Chester)
    - Website now hosted by TTI (migrated over from old platform)
    - Includes TRB 2015 section, research portal,
    - Twitter feed – @TRBADD40
    - New Library Page created
    - Currently 143 signed up on myTRB as friends, 320 friends on google listerv, and indicators listserv. Not yet clear on how to consolidate and move to myTRB system – but likely this will happen in near future.
    - Linkedin group
    - Google communities being phased out
    - Mike Chester – identified need for a go-to place for foundational texts on transportation and sustainability, created a library page, using live twitter (@sustranspapers) feed that will allow anyone to post papers in addition to the foundational texts
    - Question – is there a filtering mechanism to identify irrelevant material. Response – not really, but there is opportunity to “elevate” to a foundational texts and tools. Mike will follow up with an email to committee to solicit opinions

- John McArthur – suggested adding a section on papers ADD40 is putting out through TRR.
  - Suggestion – as library grows, there will be a need to categorize items. One idea is to use hashtags.
  - Suggestion also to look at website analytics
  - Observation – from state/federal employees – often restricted in use of twitter/social media, need to take into consideration.
- Paper Review Update from John McArthur
    - Thanked those who reviewed papers and submitted papers
    - 34 papers submitted, up from last year
    - 20 were part of presentations/posters, 4 are being considered for publication
    - Total of 149 reviews, 80 total reviewers.
    - Encouraged friends to volunteer to review papers. John will solicit volunteers from friends list in July or so, to update areas of expertise which can determine review assignment.
    - This year, some changes to the system will be implemented, with review acceptance mechanism included to better track reviews.
- Tien-Tien – update on session planning
    - 4 workshops that were co-sponsored; ADD40 is interested in leading a workshop next Annual Meeting
    - 2 poster sessions -1 lead, 1 co-sponsor
    - 4 lectern session – 3 of which were led by ADD40
    - Encouraged attendees to think of ideas/issues for future workshops, calls for papers, etc.
    - John – noted several sessions geared toward sustainability that the committee was unaware of, can potentially coordinate at a broader level in future (this is a benefit in that ADD40's mission is for sustainability to proliferate in TRB); Suggestion was made to issue a paper award that will allow to reach out broader; also review program to look at trends in sustainability and synthesize. Overlaps can also be address through TRB staff who can pass on the word and look for joint sponsorship opportunities
    - Mike Savonis – volunteered to look into process of paper award institutionalization
    - Deb Nelson – seconded the idea to do a post-meeting analysis of where sustainability is being addressed, and how (i.e. is it tactical, operational, etc).
    - Henrik Gudmundsson – also noted many committees now have sustainability subcommittees – this also may provide an opportunity to connect.
    - Attendee who is member of sustainable pavement committee noted that many of these subcommittees also have an interest in coordinating with ADD40
    - Joe Zietsman – noted the above is a task for a subcommittee/committee member to take the lead. Intent will be for it to fit into the next strategic plan. Richard Hanley volunteered to help with this effort.
- Sustainability Measurement Committee (Henrik Gudmundsson and Dan Hardy)
    - Research aspect of performance measurement, plus act as a clearinghouse
    - Noted 800 sustainability measurement systems out there
    - Subcommittee aims to build off on Communications activities and look at systems and frameworks
    - Subcommittee will meet later in the day (their first meeting under new rebranded effort) – will look at global initiatives, plus city level/lower level initiatives
    - After this meeting will strategize on how to move forward in terms of RNSs, etc.
- International Activities – April Marchese
    - Subcommittee meeting was held last night, very successful

- Conference will be May 6-8, Keck Center
  - 6<sup>th</sup> – preconference activities (bike tour in partnership with mobility labs+ field trip with WMATA ) + ADD40 mid year meeting.
  - 7<sup>th</sup> – all day conference, reception and poster session
  - 8<sup>th</sup> – ends early afternoon, breakouts+ discussion
- Conference has limited attendance, approximately 125 (space constraints) but will also have virtual participation
- Call for presentation and posters was issues, received over 90 abstracts that the review process had to be turned around quickly for. Thanked abstract reviewers.
- Several good abstracts to select from
- Dan Sperling of UC Davis will serve as keynote; investigating a second keynote plus other plenaries,
- The agenda is built along themes: sustainability is international, institutional, and intergenerational. Agenda has a broad range of topics and international representation. Finally a set of roundtables and closing plenary to make it action-oriented with a tangible outcome in terms of future steps
- Potential idea for a journal that may be interested in partnering, or other outreach and dissemination venues
- Giovanni Circella – identified next steps on agenda, includes finalizing agenda (speaker confirmation), waitlisted presentations status, keynote and plenary speakers, moderators, etc. , format of working groups, TRB wants to post program online soon so that registration can be opened.
  - Noted student poster call still open until end January
- Joe Zietsman – noted that we are still seeking conference sponsorships – need to target private sectors and foundations in addition to public sector agencies who have committed funding. Monica and Joe drafted a letter, organizing committee is asking for recommendations to help with targeted outreach for sponsors. Let Josh, Damon or Joe know who the best contact is, so that Monica can follow up on behalf of TRB. Sponsorship benefits include publicity and free registration.
- Participants discussed whether the limited capacity may cause a problem if there is high levels of interest, but it can potentially be handled
- Damon – noted other conferences of interest
  - August 2-5, Fairbanks, Alaska: International Symposium on Systematic Approaches to Environmental Sustainability in Transportation
  - Sept 15-18, Washington, DC: First International Conference on Surface Transportation System Resilience to Climate Change and Extreme Weather Events
- Ralph Hall – provided an update on research
  - 32 attendees for subcommittee meeting; rich discussion
  - CRC discussion – emphasized importance of research and the need for ADD40 to push a research agenda both on the academic side and practitioner side (such as with NCHRP research). Ralph emphasized wanting to work with State DOT and other reps in help to push forward this agenda.
  - Subcommittee meeting speakers (all presentations are on website) – Henrik Gudmundsson on frameworks, Ann Xu on GT/UC Davis UTC activity on sustainable transportation curricula (Ann provided an update). Page will be added to website on education with list of faculty, courses, etc. Focus on undergrad, graduate, professional courses and coordinate with NCST (Susan Handy spoke about this), Presentation on resilience and sustainability – was noted as a topic that is important
  - Discuss research portal – emphasized that the aim is for it to be an interactive process, google doc that can be edited collaboratively.

- Noted that the international conference was intended to produce a research agenda for the committee.
- Rich Baldauf – joint subcommittee on climate change
  - Reported on the discussions and presentations.
  - Presentations may be made available, in a Wiki format if the authors agree.
- Ralph – updates on other committees (liaisons)
  - Listed on our website (under “About ADD40” -> “related committees”)
  - Please review this list (if you are a member or friend) and volunteer if you would like to be the ADD40 rep on other related committees
- John – health subcommittee update
  - ADD40 is one of 4 parent committees
  - Trbhealth.org
  - Upcoming conference – Moving Active Transportation to Higher Ground; April 13<sup>th</sup> – 14<sup>th</sup> in DC
  - Task force on arterials and public health – focus more on operations and design
  - TR news article on health and transportation
    - ADD40 tasked to contribute a write up on what health means to ADD40
    - John will be following up next week with a conference call to discuss ADD40’s input
    - John will look for volunteers and next steps
- Greg Marsden – University of Leeds – made a presentation on international activities related to sustainability and general trends
  - London’s best effort is 15-20% reduction over the next 20-30 years. No way to match the goals—not sure what to do about this policy gap.
  - Cost pressures of adaptation will put pressures on other sectors of the budget.
  - Urban air pollution is a key focus because it is visible.
  - Social sustainability means doing better on accessibility and distribution, but has a long way to go.
  - They are seeing lowing auto usage on younger and up through 30s.
  - Lots of governance issues—shrinking of state is a threat, least cost is not best value, funding limits are limiting what can be done.
  - EU White paper – limiting mobility is not an option.
  - Corporate social responsibility could be a market differentiator.
  - Concluding thoughts - need to do more if existing approaches are not and cannot be made sustainable. Need to identify pathways consistent with economic and social development
  - Open discussion followed:
    - London example – decrease in car ownership – not completely policy driven, but that does not explain all of the changes seen
    - CSR vs greenwashing – is an issue, but many positive examples are seen
    - Consequences of failing to address sustainability – what is the cost of that? Policy gap is potentially more serious
    - Grappling with how to be less transportation centric and more community driven
- Open discussion on research needs + how can it fold into workshops and sessions
  - See appendix at end of minutes
- Damon Fordham - Facilitated discussion on key ADD-40 sponsored sessions, attendees provided a debrief

- WORKSHOP 102: Climate Resilience: Results and Lessons Learned from the FHWA Climate Resilience Pilots | Sunday 9:00AM- 12:00PM (Tina Hodges reported back - well attended (75 people), highlighted FHWA state DOT climate pilots; discussed where the vulnerabilities are and how to integrate into asset management)
  - WORKSHOP 120: Tools to Support Health and Transportation Planning and Analysis | Sunday 9:00AM- 12:00PM (No report)
  - WORKSHOP 149: Environmental Sensing and Reliable Communication from Sensors to Decisions: a Bottom- Up and Top-to-Bottom Approach Filling the Gap for Transportation Climate Resiliency | Sunday 1:30PM- 4:30PM (Deb Nelson reported back - not well attended; review of states are doing on climate reporting)
  - POSTER SESSION 305: Transportation and Sustainability | Monday 10:45AM- 12:30PM (John MacArthur reported back – good session)
  - SESSION 402: Implementing TDM Strategies - International Perspective | Monday 3:45PM- 5:30PM (Tara Ramani reported back – well attended)
  - SESSION 672: The Elusive Three E's: Economy, Equity, and Environment--Can Green Infrastructure Rating Tools Save the Day? | Tuesday 3:45PM - 5:30PM (Dave Carlson reported back - looked at three levels, state to MPO to local; how STARS being used as rating or planning tool; good discussion)
  - SESSION 677: Sustainable Transportation Indicators & Measures - From Meta to Local Perspectives | Tuesday 3:45PM- 5:30PM (Henrik Gudmundsson reported back - nice session with theoretical approach presented first, then framework perspective)
  - POSTER SESSION 710: Where Transportation Meets Public Health | Tuesday 4:15PM- 6:00PM (John MacArthur reported back - packed)
- Damon – updated group on remaining sessions related to ADD40
    - SESSION 829: Department of Transportation Experience with Sustainability Tools | Wednesday 2:30PM- 4:00PM
    - WORKSHOP 867: The Urgent Need for Improved Pedestrian Infrastructure and Options: Issues, Solutions, and Gaps | Thursday 8:00AM- 12:00PM
- Other Updates
    - Deb Nelson – update on international conference on transportation and ecology (ICOET), Raleigh NC, Sept 20-24, 2015. Typically have about 500 participants from ~20 some counties. Theme this year is “Roads to Resilience”. Call for abstracts is out and due Jan 30
    - Seth Stark – WashDOT job opening on senior policy advisor
    - Jenny O’Connell – AASHTO 25-25 program: has 5-6 projects funded to limit of 125k each year; will follow up with Ralph to disseminate information
    - Deb Nelson – mentioned AASHTO committee on resilient and sustainable transportation systems
    - Dave Carlson – CSS task force – is in charge of coauthoring strategic plan, advocating to move it beyond design element; solicited ideas on how/where CSS can land or be elevated to.
    - Tien-Tien – ACT (Association for Commuter Transportation) – International Conference in Baltimore, call for abstracts to be issued soon
    - Jennie Armstrong – ADC60 workshop on waste management and resource efficiency – June in Los Angeles. Call for abstracts to be out soon.
    - Karyn Warsaw – 1<sup>st</sup> International Conference on Transportation and Health in London

## Appendix: Research Needs Discussion

### Automated and Connected Vehicles

- How will automated and connected vehicles change travel behavior?
- How can researchers, practitioners and policymakers plan for a sustainable future if there is widespread adoption of these vehicles? Considering various dimensions of sustainability (e.g., access, equity, etc.)
- “Connected” goes beyond connected vehicles – systems approach to understanding the connected world we live (and travel) in
- What are the lifecycle/ cradle-to-grave impacts of autonomous vehicles? (e.g., opportunities for vehicle light-weighting and right-sizing to meet travel needs)
- Strong opportunities to partner with other committees (e.g., Energy Committee)

### Harnessing Technology for Sustainable Travel Behavior

- How can new technology (e.g., smartphones, connected vehicles) lend insights into understanding how travel behavior is changing?
- What new tools are available to harness big data to understand and motivate sustainable travel behavior?
- Potential committees to partner with: Traveler Behavior and Values, Urban Transportation Data and Information Systems

### MAP-21

- How can performance based planning be translated into something that can lead to sustainable development?
- Static vs. dynamic (process) measures compare development among entities with a combination of common base measure and other metrics
- How do you advance sustainable transportation across different entities?
- Potential partnerships: Elise Barella (ADD10) may be interested in understanding some of the drivers and stakeholders

### Multimodal Solutions for Sustainable Mobility

- What are the opportunities to integrate transportation systems/ services to lead to more sustainable travel?
- Will connected mobility lead to fewer vehicles, require less infrastructure, materials and energy?
- Shared mobility, last-mile connectivity, and increased urbanization
- Potential collaborations: Emerging and Innovative Public Transport and Technologies

### Big Picture Sustainability (better way to phrase this?)

- Basis for what a many transportation agencies are doing
- Operationalization may be different and context specific, but common overarching concepts are needed
- Opportunity to support education and adoption of sustainability among state DOTs

### Sustainability as an Organizing and Governing Principle

- NCHRP 750 – looked at this but did they go far enough?
  - [Strategic Issues Facing Transportation, Volume 1: Scenario Planning for Freight Transportation Infrastructure Investment](#)
  - [Strategic Issues Facing Transportation, Volume 2: Climate Change, Extreme Weather Events, and the Highway System: Practitioner’s Guide and Research Report](#)
  - [Strategic Issues Facing Transportation, Volume 3: Expediting Future Technologies for Enhancing Transportation System Performance](#)

- [Strategic Issues Facing Transportation, Volume 4: Sustainability as an Organizing Principle for Transportation Agencies](#)
- [Strategic Issues Facing Transportation, Volume 5: Preparing State Transportation Agencies for an Uncertain Energy Future](#)

### **Sustainability and Resilience**

- Theory, concepts
- Case studies of projects that are sustainable and resilient
- Potential partnerships: Special Task force on Transportation and Climate Change

### **Other ideas:**

- Community-driven sustainable transportation
- Sustainable transportation and climate change research – educating those in leadership positions about climate change
- Council on Environmental Quality (CEQ) – lessons learned, how do we transfer transportation research
- Alternatives for financing
- Integrating sustainability into decision making (e.g., asset management, construction)