

Minutes for Statewide Travel Demand Forecasting Joint Subcommittee of ADA10 & ADB40, 2008 Annual Meeting
1:30PM, Jan. 15, 2008
Hilton Adams Room

SUMMARY OF ACTION ITEMS

- Rob Bostrom, to continue coordination with the conference planning committee for the 2008 statewide planning conference. He will arrange a conference call with the identified session organizers (Rob Bostrom, Greg Giaimo, Paul Hershkowitz, Phil Mesher, Rob Schiffer). Greg Giaimo will send Rob the contact information.
- Greg Giaimo will send John Gliebe the initial problem statement for “Adding Non-Freight Commercial Vehicle Travel to Statewide and Urban Models”. John will update it for use as a full NCHRP project, Greg will coordinate with Kim Fisher, Tom Rossi and Charlie Howard on making that happen. Bill Upton, Jeremy Raw and Greg Giaimo have volunteered their DOT’s as state sponsors.
- Alan Horowitz and John Gliebe to determine the proper TRB venue for statewide model college curriculum issues and will draft several paragraphs elaborating upon the issues.
- Alan Horowitz to contact Rhonda Young about transferring web site (rkyoung@uwyo.edu). Alan will also work with Tom Rossi and Joe Castiglione to find a permanent home.
- Wade White will draft a problem statement on validation of statewide models for an NCHRP 8-36 project by February. Greg Giaimo will coordinate with Kim Fisher, Charlie Howard and Tom Rossi to make it happen.
- Dane Ismart and Paul Hershkowitz will plan a statewide modeling session for the 2009 Planning Applications Conference (due September 2009)
- Greg Giaimo will coordinate with Kim Fisher, Tom Rossi and Charlie Howard to have a session at next years annual meeting on the best papers from the Atlanta conference (which might also include some new submittals).

MINUTES

Greg Giaimo (chair) calls the meeting to order, those present introduce themselves. Chair distributes meeting agenda and minutes of 2007 meeting. Chair also announces upcoming conferences on Innovations in Travel Modeling (June 22-24, 2008, Portland OR) and the Statewide Planning Conference (see below).

Membership discussion

The following persons request admittance as full members of the subcommittee and are thus adopted as same:

Chandler Duncan, Wilbur Smith Associates
Paul Hershkowitz, Wilbur Smith Associates

Anne Reyner, Wilbur Smith Associates
Scott Thompson-Graves, Witman Requardt Associates
Bill Upton, Oregon DOT

Discussion of Existing Subcommittee Activities

1. Conference on Best Practices in Meeting Federal Surface Transportation Requirements in the Statewide Transportation Planning Process, Atlanta GA, Sept 3-5, 2008

Rob Bostrom described statewide model track at conference. Announced we could use 2 free registrations and 2 travel stipends to attract speakers. Greg Giaimo suggests that the Wednesday morning session be subdivided resulting in 5 sessions. Volunteers to organize/moderate the sessions and the conference agenda are as follows:

- Wednesday, 8:30 AM-10:00, Statewide Planning Analysis Tools and Techniques
Organizer: Paul Hershkowitz
- Wednesday, 10:30 AM-12:00, Recently Implemented Statewide TDF Models
Organizer: Phil Mesher
(Note: a presentation on the final report of the national model scoping study by Rob Schiffer should be in this session)
- Wednesday, 2:30 PM-4:00, Innovative Features in Statewide TDF Models
Organizer: Greg Giaimo
(Note: Subhro Mitra volunteered to present on European practice)
- Thursday, 8:30 AM-10:00, Use of Statewide TDF Models in Addressing Policy, Corridor/Project Prioritization, Operations and Design Questions
Organizer: Rob Schiffer
- Thursday, 10:30 AM-12:00, Panel Discussion: A Response to TRB Special Report 288 and its Implications for Statewide TDF Models
Organizer: Rob Bostrom

2. NCHRP Project 8-61, TDF: Parameters and Techniques (365 Update)

Tom Rossi distributes a handout on the project. Project is in the early stages due to delays at TRB resulting from staff changes. They have conducted literature and current model reviews. They will be developing transferable parameters and methods, developing an interim report, conducting a peer review, developing a guidebook and a final report. The report should be done in late 2009, if not, its not Tom's fault. Subsequent discussion with chair indicates the subcommittee's contributions to the scoping of this project regarding inclusion of rural and long distance travel characteristics seems to have gotten lost. Peter Davidson indicates similar research is occurring in the UK.

3. NCHRP 8-36 Project, Task 70, Scoping Study for Development of a National Travel Model

Rob Schiffer presented the status of this project initiated by the subcommittee. Study began last September and is scheduled to last 1 year. There are 4 main tasks: Identify data sources and model components, assess model trip characteristics, address institutional issues and prepare and revise a national model scope. Currently working on task 1. Alan Horowitz points out that the notion of using such a model to assist in statewide TDF work should not get lost. Subcommittee decides a presentation on this project should occur at the Atlanta conference.

4. Adding Non-Freight Commercial Vehicles to Statewide and Urban Models

Greg Giaimo mentions that the subcommittee drafted a problem statement on this topic for NCHRP 8-36, however, it was rejected for being too ambitious for this program. Subcommittee concurs that this topic should be pursued further as a full NCHRP project. John Gliebe volunteers to expand the problem statement. Greg Giaimo will discuss with parent committee chairs and Kim Fisher. Keith Lawton mentions that SHRP2 looked at this issue and decided it would cost a lot of money. Anne Reyner suggests the Freight Modeling Subcommittee (AT015(1)) might have an interest in cosponsoring this. Jeremy Raw (VA DOT), Bill Upton (OR DOT) and Greg Giaimo (OH DOT) agree to be cosponsors on the project.

5. Annual Meeting Presentation Session on Statewide Models (680)

Greg Giaimo mentions the session and the presentations that will be given.

6. Linkages with other TRB Committees

No new discussion on this issue, current liaisons are as follows:

Name	Committee
Rob Bostrom	Statewide Data and Information Systems (ABJ20)
Jack Klodzinski	Freight Transportation Data (ABJ90)
Rebekah Anderson	Traveler Behavior and Values (ADB10)
Tom Rossi\Greg Giaimo	Transportation Demand Forecasting (ADB40)
Rob Schiffer	Transportation Planning Applications (ADB50)
Charlie Howard\Greg Giaimo	Statewide Multimodal Trans. Planning (ADA10)
Paul Hershkowitz	Trans. Planning for Small & Medium Sized (ADA30)
Dane Ismart	Highway Capacity and Quality of Service (AHB40)

7. College curricula for SW models

No progress was made on this. Alan Horowitz and John Gliebe will continue to be in charge of this task and will contact the TRB education committee as appropriate.

8. Web Site Status/Parent Committee Web Site

Alan Horowitz says the web site will be moved temporarily to ADA10's host at University of Wyoming. Tom Rossi and Joe Castiglione will discuss with Alan Horowitz a potential permanent home with ADB40's web site. Greg Giaino will send Alan the minutes, attendance, presentation etc for posting to the web site. The following people volunteer to be listed on the contacts page:

Wade White, Phil Mescher, Anne Reyner, Rob Schiffer, Rob Bostrom, Paul Hershkowitz, Ken Kaltenbach (some already are on it)

Web site location:

www.uwm.edu/~horowitz/statewide.html

Existing Research Topics Status Report

Chair briefly reviews existing research topics indicating actions taken this year as follows:

- Rural Trip Making (NCHRP 365 Update)
- National Model (NCHRP 8-36 Project)
- Validation and Performance Guidelines (Potential NCHRP Project)
- Long Distance Travel Data (NCHRP 365 Update)
- Improved Freight Data and Models Including Commodity Flow Data (No current activity)
- Staff Retention, Development and Training (College Curricula Effort)
- Application/Policy Responsiveness of Statewide Models (Session at Atlanta Conference)
- Traffic Assignment Issues including the effects of long trip lengths and spatial aggregation level (No current activity)
- Innovative OD Estimation techniques (No current activity)
- Better Information on Non-Freight Commercial Vehicle Movements (Potential NCHRP Project)

The general consensus is that this list is still valid.

Upcoming Years Activities

Per previous discussion group has already decide to:

- Pursue a SW model track at Atlanta Conference
- Pursue an NCHRP project on Non-freight commercial vehicle travel
- Move/update the website
- Follow up on the college curricula issue

Additional discussion at this point results in the following activities:

Rob Bostrom mentions there will be a retreat of the statewide data committee in Irvine CA on March 19-20. While attendance is closed, member may be able to submit some ideas for the retreat.

Wade White suggests that the validation topic be pursued further. Topic should focus on differences from urban model validation. He volunteers to draft a problem statement for submission as an NCHRP 8-36 project. There was some discussion about doing this as a synthesis study, however, further discussion indicates this project isn't amenable to that type of study so it will be pursued via 8-36. Greg Giaimo will coordinate with parent committee chairs and Kim Fisher on this. Wade will finish the problem statement by February.

Dane Ismart and Paul Hershkowitz volunteer to organize a statewide model session for the Planning Applications conference in 2009. Sessions are due by Sept 15 and will include 3-6 papers.

Subcommittee consensus is to sponsor a session at next years annual meeting based on the best papers from the statewide planning conference in September. Tom Rossi is amenable to cosponsoring from ADB40. Greg Giaimo will talk to Charlie Howard about cosponsorship from ADA10. Kim Fisher points out that papers given at such a session must be submitted through the normal annual meeting process if they are to appear on the CD. Session can also include a mix of papers from the Atlanta conference and new annual meeting submittals.

Presentation on Iowa Statewide Model Efforts, Phil Mescher

Phil presented on the development of the Iowa SW model. Two phases. Phase one began with education of stakeholders on what models can do. Then followed with a needs assessment of what they would like out of such a model once they knew what was possible. Then a model architecture was developed from this. Phase 2 is model development in two tiers. The first tier includes the passenger models and a simplified truck model. Tier 2 will include a more detailed commodity based freight model with a rail component. Alan Horowitz asked about the buffer area outside Iowa and where data came from. Phil indicated it was a challenge to obtain such data. Subhro Mitra asked about the attraction side of the truck model. Phil indicates the initial model is based on QRFM.

Presentation on Oregon Statewide Model Efforts, Bill Upton

Bill discussed the evolution of the model from Generation 1 which was a proof of concept that still provided some useful answers to the current Generation 2 model. The Gen 1 model was designed to tell them where to go with the Gen 2 model. Gen 2 is almost done (this month for hand off). Initial concept for Gen 2 was too ambitious and had to be scaled back. Next steps will include development of a better interface and a visitor model. In the spring they will do sensitivity testing. In the fall they will be testing on a corridor study.

Attendance

First	Last	Affiliation	Email Address
Brian	Betlyon	FHWA	brian.betlyon@fhwa.dot.gov
Rob	Bostrom	WSA	rbostrom@wilbursmith.com
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