The meeting was called to order at 12:30 PM by Mark Kross, Committee Chairperson.

1) Introduction of Members and Friends of the Committee

Members and guests introduced themselves and stated their professional affiliations and their status related to the committee. Attachment A contains the meeting agenda and Attachment B contains the list of attendees.

Mark Kross welcomed the Committee and Friends.

2) Review and Approval of Minutes of January 2007 Business Meeting

Mark gave Susan Killen some additional changes for the minutes. Susan incorporated the changes. Jim Bednar then moved the minutes be approved; Marcia Bowen seconded. The minutes of the January 2007 Business Meeting were approved. Chris Gesing will post the minutes on the website.

3) Remarks by the Section Chair for Environment and Energy – Kate Quinn

Kate indicated that she was excited to have us in Chicago as part of the TRB summer meeting.

Kate said that since Jan 2006 we have been discussing a section meeting (in 2000 all committees met in Pittsburgh). Therefore in 2010 all sections will meet together, inviting other committees with crossover interests to join the meeting. Tony Opperman, Virginia DOT, offered to ask his management to sponsor the meeting in Williamsburg or Richmond. It will be a big effort and somewhat different than the Pittsburgh meeting.

Kate asked that someone on each committee be designated to work on a task force to put this meeting together. Kate would like to set up a meeting in January and have representatives from each committee attend. The meeting will include a discussion on research problem statements and funding mechanisms. She also would like to get others from FHWA to attend the meeting in January. Kate will get additional information to Mark Kross. Kate will also be getting back to Mark regarding setting up performance measures for the committee.

Mark asked the Committee for questions. Andy Fekete asked if anyone else knew about the Committee on Sustainability. He said such a committee was an opportunity for ADC10 as some areas were overlapping with ADC10. Christy Gerencher suggested moving this discussion later in the meeting under the Liaison discussion.
In response to a question from Mark Kross, Kate indicated that the health of the section is overall good, but there will be some more evaluation. There is a role for the committees in recommendations for leadership but the decision is TRB’s not the Committee’s decision.

Mark also indicated he made a suggestion that if Friends of the Committee were very active can those more active Friends gain a higher standing in succession planning. Kate affirmed that TRB does take recommendations for membership from the Committee Chair; however, the chair position is the one issue that is exclusively TRB’s decision.

Emeritus membership is also being reexamined - and a change in name is possible, according to Christy Gerencher. The primary benefit of emeritus standing is a financial consideration. The qualifications are currently not under review as part of the change.

Mark also indicated that there are members that are not active and asked if he could change membership so the membership was more active. Christy indicated this was not possible at this time. If there are issues with active membership then Mark should share and get advice from Christy.

Marcy Schwartz commented that as overall lead she wanted to share sessions at annual meeting.

4) Remarks of the Chair and Discussions - Mark Kross

a) Summer 2007 Program - Reaction to Joining TRB Summer Conference

Mark Kross noted that we are a “guinea pig” committee - joining the conference this summer. There was some crossover with other committees. TRB has always worked to get crosscutting issues. Mark asked, “What is the impression of the Committee? How has it been for our Committee?”

Kim Gambrill felt there was less opportunity to meet and network outside of the meeting time than in previous summer meetings. There were no continental breakfasts, the evening social was on the second day, and no group lunch. He also felt less connected outside the meeting room. Spouse activities were missing this year. This was a problem.

Marcia Bowen asked about attendance. Ron DeNadai stated that about 90 ADC10 members attended (total with moderators and speakers). From the listing from the Committee, Christy Gerencher noted it could have been less. As chair of the Summer Subcommittee, Ron said the subcommittee was relieved of the financial burden which took most of Ron’s time in the past. Ron thought the program was excellent but admitted they had given up the social aspects of the program. About 1/3 of the members went to Little Italy, but Kim noted that these were the old friends and members.

In addition, Mark Kross said SCOE, held just before the TRB Summer Meeting, had the highest registration ever. Wayne Kober brought up having a joint meeting with SCOE and ADC10 at SCOE. In 2007, we tried, but since it was in North Carolina and ADC10 met there recently it was not used. However, Mark indicated he was still interested in a joint meeting. Given SCOE was a week before our meeting and the 4th of July was just before our meeting; this may have hurt ADC10’s attendance. Also many Committee members already made vacation plans.
Kathy Ames liked the idea that more CEOs were in the groups. The biggest problem with the meeting agenda was the tour on Monday. The tour was scheduled at the end of the ADC10 program. It was hard to get folks to register. ADC10 did not get a big turn out.

Marcia Bowen stated she did enjoy the cross modal opportunities. We can have our own social, and Christy Gerencher indicated that there would probably be a charge – similar to that for the ancillary workshops. Christy acknowledged that the registration was more expensive than usual. However, we got free registration for the larger TRB summer session. Christy will look for opportunities to add in social events for future meetings.

Joe Crossett thought the meeting was good and shared his comments thus far. He appreciated the broader meeting opportunities and went to another committee meeting. He had a chance to meet a wider range of folks at the reception.

Kim Gambrill will share notes – but did get broader range of speakers and level of involvement with higher ranking and broader perspective.

Muggs Stoll (SANDAG) is actually staying until Tuesday because his organization was making a presentation to the Pricing Committee. If not for the additional meeting he would not have stayed. The social aspect is very important no matter what meeting you have. He noted that it seems the Committee could have worked harder to get other committees to attend. Mark Kross noted that other committees may not have even realized we were here.

Shari Schaftlein asked if the freight people or any other committees came to the discussions. That was part of the reason for including these topics and to go out of our comfort zone to let other committees tell us what they wanted us to know.

Andy Fekete thought there would have been more cross pollination at the discussions. He suggested trying this every 3-4 years. The Committee needs to look at a more strategic view, broader interests, or something else of a more common interest. He suggested a separate session could be set up with that in mind. The Committee should consider what the issues would be, and then do more outreach and do jointly.

Mark noted to Christy Gerencher and Kate Quinn that doing this every 3-5 years would be appropriate. He still wants to team with other committees. This is in line with TRB emphasis on partnering.

Pat Trombly said our Committee is so used to having own robust agenda, our own workshops, it hurt us. We basically set up our own conference and overlapped with the summer meeting. She noticed that mostly ADC10 people attended on Friday, and beginning Saturday, the official start of our summer conference, more folks came to our workshops. Maybe we need to take a different approach when we do this and not do a totally independent workshop. We should call up a couple of the other committees to see if we can work up some joint sessions and maybe do less ADC10 focus.

Mike Culp agreed with Pat and was trying to do that with some sessions yesterday and tried to go to Kim Fisher’s Planning and Environmental committee. Many committees had plans way in advance. He had hoped to draw in some planning folks by strategically placing us in the morning, right before the full conference started.
Mark said Ron and the hosts always try to keep registration around $200-250 and hotel around $100 but $141 was good for Chicago (given per diem). The Committee should get comments to Mark regarding their conference observations.

Pat suggested a debriefing conference call with the moderators within a couple of weeks. Ron suggested this call be held within a week.

**b) 2008 Annual Meeting**

**i) Planned Sessions**

Mark Kross suggested two workshops and these were accepted. These are co-sponsored with Historic and Ecology. The first is Integration of Planning and Analysis in Transportation; the second one is Global Climate Change. The Committee signed on as a partner.

ADC10 will have one paper session. Jim Bach has a call for papers out (see item under 5(h) in these minutes). We will have one conference session and need to search for a topic for a presentation session. October is deadline for the presentation session details to get to Christy. Mark is looking for something new – not the same topic suggestion.

Marcy Schwartz suggested a session on Green Infrastructure, Roadway Pavement Design and so forth. She suggested that ADC10 can get multiple committees to sponsor so it will not cost as many points. Mark noted that Green Highways has been a topic we have had on the table for the last four sessions, and on ADC10 we have done a lot. Marcy said point was to broaden the discussion to people who may not be thinking about it – a different audience.

Muggs suggested if we went to Marriott venues and got some of the implementation committees involved and maybe if there was strong focus on examples and not all on Green Infrastructure 101 that would be useful. Pat Trombly said that could work if we tied to the overall theme of sustainability and tied in with examples.

Kris Hoellen spoke to the issue of Green Infrastructure, using the Maryland case study example. She felt there may be some update of Maryland State Highway’s initiative. There are a lot of case studies throughout the country. Look at how federal agencies are doing it and the kinds of connections established.

Martin Palmer stated that when maintenance folks walk away from the Green Infrastructures sessions, they tell us they hear the message, but we still have to get over operational program issues. He concluded that if we can get together as a group and wrestle out the operational program issues, and try to move toward implementation, it may be different than just “preaching” again.

Joe Shalkowski stated that venue for ongoing research would be an opportunity for a session – progress or implementation of completed research and lessons learned. Leni Oman had suggested a joint session with the Research Committee. Mark was still interested in getting Leni Oman back. If there is one presentation session, we could use one on ongoing research or implementation of research and lessons learned.

Shari Schaftlein stated that we are sitting on a database as the product of our solicitation. It will take a year to get people going on the research and have some results. She noted
that green infrastructure, green highways and the transportation process right now primarily old best practices and additional time period is needed to get more information.

Mark asked all to email him thoughts on a presentation session and examples that he can vet to the Committee and send to the Committee for their thoughts before October.

ii) Poster Session
Any ideas and suggestions for an ADC10 poster or the poster session should be sent to Mark Kross so that he can present them to Christy Gerencher. He will send the ideas to the Committee first and get a consensus. Every poster author must have a one-page leave behind, especially when the author is not there. Craig Casper said there were problems at the poster session as there was no electricity at the session, and he does not encourage anything larger than a laptop.

iii) Committee Business Meeting
Kim Fisher knows who gets the night meeting and tries to rotate among committees. She will work to avoid a night meeting this year since the Committee had one last year. A session on research should be at least 2 hours in future years.

c) Succession Planning for Committee ADC10
Mark said the Committee is already looking at potential chairs for 2009 when his tenure is up and we also should be mentoring each of our successors. We also have Friends who can indicate a particular interest in a subcommittee. Except for Kim Gambrill, Mark has not heard much and Frank Bracaglia just took on the newsletter. Mark noted he and Ron had discussed Ron’s successor.

Mark asked what we are seeing or what recommendations we had. Any subcommittee chairs can make a recommendation and all subcommittee chairs have to be members. Ron DeNadai asked Christy Gerencher if friends can be members of subcommittees as ad hoc members. Christy replied they could, and encouraged it.

Joe Shalkowski noted he was on the Research Committee. Mark asked for a show of hands who actively used the Friends’ list – there were less than half (5-6 of the subcommittees). We need to tap the list as if we do not use the Friends’ list then what use is the value of the “Friends of the Committee”. Kim Gambrill suggested an article in the newsletter. Chris Gesing asked where the vacancies will be with 9 year terms. There is a provision for someone remaining on for more than 9 years, but want to generally replace 1/3 membership. Kim noted the Committee has lost members in the past.

d) Update of Environmental Directory
Mark Kross posed the question “who is in charge and who is sustaining the directory?” Craig Casper worked on the directory – checking 50 states DOTs with at least 1 change per month per DOT. The directory was last updated in 2004. The number of pages and the format are not easy to maintain.

Craig suggested maybe an update on a website database every 6 months. Kim Gambrill asked how useful this is with the internet. The overall reason it was not on the internet is that the DOTs want it in pdfs. Andy Fekete asked if we still need a directory. If you really want to locate the DOT leads you can without the directory, and agencies are changing all the time. He asked, “If agencies cannot keep it up, how can we keep it up?”
Kris Hoellen noted AASHTO keeps up a directory despite costs. Mark indicated some categories are missing in the AASHTO directory. Frank Bracaglia thought an update every year was good. He would like to go to a source that is at least a start, and does not want to abandon the directory.

Chris Gesing reminded Mark that the directory was one of the good work products of ADC10. Chris recommended another ad hoc committee, and volunteered as the web person. He also suggested Craig Casper as past lead.

Frank suggested allowing members access since members may be most current on membership changes at the DOTs. Pat Trombly said would be helpful to decide on the categories so it would be most helpful to call each state. She suggested that maybe create a break down and have Friends each track down 10 states.

Mark indicated we still would need a portal if we opened up to the members. He asked if this should be housed in the newsletter or on a web site. He suggested assigning the ultimate responsibility to one subcommittee. Frank Bracaglia, Chris Gesing, and Craig Casper were assigned to work on this. Mark asked anyone interested in participating to send an email to Chris.

e) Triennial Strategic Plan (with Kim Gambrill)
Kim Gambrill said he would continue to get the Triennial Strategic Plan developed. This report is due every 3 years and describes membership, papers and so forth. The emphasis is also on our strategic goals, accomplishments over the year, and vision. Mark presents the report to the Committee. Kim sent out a draft report and received responses.

Kim asked where this Committee should be moving. Andy noted NEPA focus in the past and, as a group, we have focused on projects but is an opportunity to broaden more and worth a discussion. The Committee should provide Kim Gambrill and Mark Kross with comments electronically.

Kim noted with the additions over the years maybe we need to look at the introduction and see if it is too long-winded. Kim will send out the introduction for comment to be used in the triennial report for comment.

Ron commented that the original focus of the committee was to get RODs to build the interstate system and all focused on RODs and the delivery process. As a group, we did a good job in a pretty sensitive environment. The interstate is now built. What is evolving is this environmental sensitivity and focus going to operations and maintenance. This is the evolution of where we are going. ADC10 needs to go beyond a project delivery basis.

Mark concluded that it sounds like ADC10 needs to focus broader. Andy said that we have an opportunity as a committee - an umbrella committee - so for strategic plan retool to look at the next wave of problems. We need to look at the barriers to excellence. We do NEPA fairly well. Martin Palmer said he would like to see some agreement on where we want to go, maybe some alignment. Get to the overall issues and resolve them.

Craig Gesing asked if we could have a larger joint session to start talking about issues that cross cut between committees – a workshop proposal. Christy thought this could be something for the 2009 meeting.
Gary McVoy said he just agreed to become the chair of the Maintenance and Environment Committee.

Marcy offered another option to get to collaboration. Another option is a task force on climate change with a 3-year maximum, to be directed by a committees that has an interest in the topic, and report to the Executive Committee directly. The idea of the task for is to look at getting all the issues in alignment. Christy said the membership list has not been formed. The task forces are not connected to the agenda for the annual meeting. Mark asked who wanted to be involved: Martin Palmer, Craig Casper, Andy Fekete, Gary McVoy, and Ron DeNadai (will work with Gary McVoy).

Christy Gerencher said she can raise membership and other information to the task force. Christy will report back and will give us full structure. Email Mark if there is interest in participating at the Committee level.

5) Subcommittee Reports

a) Steering Subcommittee– Chair, Kim Gambrill
Kim Gambrill got about half of the purpose statements from the chairs. These can be used on the web to introduce the subcommittees. Committee members remain on one of the most viable and healthy committees. There are more than 300 Friends of the Committee – at least who want to be on the mailing list. With exception of low minority membership, that is very good. For additional information see Attachment C.

Newsletters Goals and Objectives. Frank Bracaglia accepted the job as Newsletter Subcommittee chair. The last newsletter goals and objectives were in 2003 – these were reviewed and nine members commented on the May version (see Attachment D). Only the timeframe changed to be evaluated every 3 years. Note - ADC10 chair should be talking during newsletter development so he/she is comfortable as the newsletter being created. The Secretary was added to list of those who review reports. Kim will remove the State DOTs from list.

Kris Hoellen asked who is on the Friends list and if we solicited other people. Requests for membership are out (sign up at meeting as well). Kris will compile a list of additional sources of Friends. The National Council for Science and the Environment is a group Shari Schaftlein suggested the Committee contact. Mark asked her to give information to Kris.

Marcy suggested listing the newsletter on the TRB E-News. Christy will list as a publication in the TRB E-News.

Andy asked if the newsletter was distributed. Mark said it had been distributed to the committee chairs.

A motion to approve the Newsletter Subcommittee goals and objectives was made. Craig Casper moved, Chris Gesing seconded, and the motion was approved.

Kim said that the status of all subcommittees is current and on a 4-year cycle with all done except for the History Subcommittee which is new.
b) **Natural Resources and Environmental Stewardship Subcommittee – Chair, Andy Fekete**

Andy Fekete reported that the bulk of the effort at this meeting was for the session we had this morning and Andy thanked all who participated including Sam, Frank, Andy and Gary. It went well and will try to make a record of this so that the Committee has a record of the thoughts in the room and maybe highlight thoughts for priorities in the future. There is a lot more to say and explore. Andy said this was the future of transportation. There are other committees we can contact on this topic and circulate results. Mark requested contacts from Marcy Schwartz. This also seems like a good newsletter article.

Andy asked for consideration of the name of the subcommittee - Natural Resources and Environmental Stewardship Subcommittee. A concern he has is whether we keep natural resources in that Subcommittee. Mark charged Andy with the renaming of the subcommittee subject to the approval of the Committee.

c) **Liaison Subcommittee – Chair, Jim Bednar**

Jim Bednar indicated that he had sent out the goals and objectives for the Liaison Subcommittee. Christy Gerencher emphasized the fostering of the liaisons. Send email where she can help.

Pat Trombly reported on ADC70 and ADC80. She said these two committees have worked together and merged and now is ADC75 for 1 year. There is a biennial conference which will be held at Asilomar in California by invitation only. The conference is the 24th and covers climate and policy. There seems a lot of interest in discussing from a global perspective and indicated that the Committee indicated that they would be interested in establishing a liaison.

Pat also reported on AT040 and they are part of the Chicago meeting on Monday afternoon. They will be discussing the first four NCHRP proposals.

Craig Casper reported MPOs trying to deal with Section 6001 and linkages. Some MPOs had limited staff and no increase in funding. Sustainable Indicators Subcommittee and trying to determine a core set of indicators.

Kathy Ames will follow up on Context Sensitive Solutions task Force.

Marcia Bowen contacted all the committees where she has a liaison relationship but has received limited feedback back at this time. Chris Gesing noted survey of sustainability practices at airports. Burr Stewart created a Sustainability Subcommittee within the Aviation Committee. Gary McVoy attended the subcommittee on environment. No one came.

Mike Culp will attend the Transportation and Land Use Subcommittee tomorrow morning.

d) **Website Subcommittee – Chair, Chris Gesing**

See report from Chris for more details (Attachment E). Chris over for past year kept the website up to date. Chris thanked the moderators and chairs for getting stuff up and thanked CTE for hosting the site. Chris reported that the upcoming activities include updating the directory, putting up the conference presentations, and embellishing links. Pat will put up history information as well.
e) **Mid-Year Workshop – Chair, Ron DeNadai**

For additional notes from Ron DeNadai see Attachment F. This is the 32nd meeting of this type and we are on our 27th annual ADC10 meeting. There are 375 registered attendees for the overall meeting and around 400 with walk-ins. (See Attachment G for overall attendees.) All are in the A division. C section has 49 committees, 56 groups (with 1 task force). The ADC10 Committee breakdown is as follows:

- 71 were registered in ADC10 plus 20 of our speakers, so around 90 from ADC10 (about a quarter of the attendees),
- 8 DOTs,
- 3 Federal agencies, and
- 10 consultants.

Ron DeNadai reported that, with 36 speakers, it was a successful program. The subcommittee learned a lot. Moderators worked well for the round table and facilitated sessions. The moderators suggested more time for QA, round tables and less just listening. Thirteen of twenty-seven ADC10 members were involved. The PowerPoint went well with thanks to Chris Gesing. It was one of the strongest programs the Committee has had with much discussion after the sessions. The subcommittee will add conference calls with all the moderators in advance as a regular occurrence.

For future meetings Ron DeNadai said the Subcommittee plans to be work with DOTs and also join other groups, i.e., New Jersey, Florida, ICOET in Minnesota, 2010 in Arkansas, Minnesota in 2011. The subcommittee still needs a location and host for 2008 and 2009. The subcommittee is considering partnerships as well.

Andy Fekete suggested a European partnership as a possibility and will get contact name.

Mark suggested we also consider the place and rotate - hence the suggestions that surfaced. Barney O’Quinn suggested Tennessee. Kris Hoellen suggested West Virginia with great facilities. Craig Casper looked at the national Association of Environmental Professionals (NAEP) and Denver. Lynn reported ICOET was Duluth, Minnesota in 2009 and this last year the meeting had 13 countries represented. We could maybe meet concurrently. Ron DeNadai will call Mark and work this out. Everyone should send suggestions to Ron.

f) **Newsletter Subcommittee – Chair, Frank Bracaglia**

For additional information see Attachment H. Franks said he received very good feedback. There are four subcommittee members and maybe a fifth member shortly. On June 29th the newsletter was distributed. Frank thanked Chris Gesing for helping with the layout and now it has been posted on the web site. There will be a newsletter in November. In mid-August all points bulletin will go out for articles and deadline will be mid-October.

One goal for the Newsletter Subcommittee was a reader survey every 3 years. The last one was done in 1998. Frank will also be helping with the state directory.
g) **Research Topics Subcommittee – Chair, Joe Shalkowski**

Most of this is covered under item 6 in these minutes. Joe Shalkowski stated that the Research Subcommittee has a good group. Joe reminded people to focus on populating the TERI research database. There was a session at the meeting which covered TERI. The full Research Subcommittee Report is Attachment I.

h) **Publications Subcommittee – Chair, Jim Bach**

**The 2008 Paper Review Process**

Jim Bach circulated the call for papers (see Attachments J and K) and elected to use a number of broad topics and listed those in the solicitation. In addition, ADC10 is co-sponsoring a call for papers with the Subcommittee on Transportation and Ecology. This was worked through Joe Burns and their committee. Please note the deadlines have changed.

If you want to volunteer to review papers, please let Jim know.

i) **History Subcommittee – Pat Trombly**

Pat Trombly has been collecting items and will be working on goals and objectives with Kim Gambrill.

6) **Research Needs Database**

a) **TRB Database Process (Joe Shalkowski/Joe Crossett)**

There are two databases (TRB and TERI). Joe Crossett entered the TRB Database and he also helped with the TERI database. We need action on behalf of the Committee on three action statements (see Attachment L). Gary McVoy will then review what happened at the 2007 SCOE meeting with regard to research. Joe Shalkowski passed out the SCOE rankings.

Joe Crossett reviewed the matrix handout and thanked all those who helped including Lisa Zeimer, John Page, Marie Venner and others. These were ideas that came out of the 2002 research needs conference and made first submission. Referencing the matrix (Attachment M) ideas under numbers 6, 7, 9, 10, 11, 12 were submitted as the first cut for the TRB research needs database. Joe Crossett reviewed each in by title. The site is not live but Christy Gerencher said you look at it.

Shari Schafflein reflected that some topics already have financial resources applied and asked if maybe those topics need to be removed from the list. Since these were circulated, the Committee did not hear that monies were being applied and there might be a need to withdraw. Shari suggested she could coordinate this issue. She asked everyone to send her the top suggestions to see if they are being addressed. Joe Shalkowski concurred. Shari will circulate the list to screen. As a Committee please look at the list and the subcommittee will proceed.

Joe Crossett reviewed some research (Attachment M) with the Committee. Of particular interest was #34 on rights copyrights, licensing, etc. How do DOTs handle these and get useful access to information. Joe Crossett asked the group for their input.

Christy Gerencher is working to reduce Joe Crossett’s work on the databases - streamlining.
For Jim Bach’s information on page 3, there are four arrows that relate to the priorities of ADC10 related to the 2020 Research Needs Conference.

Shari Schaftlein noted that there should be a coordination meeting now that we have all this. She asked if individual committee would submit to STP or go back to a subcommittee. Shari will initiate discussion with Gary McVoy, Shannon Eggelston and Joe Crossett.

c) **AASHTO SCOE Meeting and Research (Gary McVoy/Pat Trombly)**
All the presentations made at SCOE will be posted on the AASHTO website next week. John Horsley presented AASHTO’s support for sustainability - aligning the transportation system with sustainability in bottom line.

Gary McVoy reported other items of note - Green TEA is the new name for reauthorization; there will be a Technical Advisory on NEPA from FHWA; more revisions on 771 will be issued; there is a report out on Gallup survey on DOTs; and the Supreme Court ruling on wetlands and implications is another issue.

Pat Trombly also noted the Peer to Peer marketplace session with hot topics at different tables. You could go to different tables and discuss.

Lynn Malbrough noted that Doug McDonald said pricing our system is important. Andy Fekete also witnessed FHWA local and state programs (administered by others by used Federal dollars) - giving many a bad grade.

7) **Martin Palmer Was Named Chair of the Summer Meeting Committee.**

Martin Palmer gave a quick update and indicated that he has been working on guidance for the Summer Meeting Subcommittee.

8) **Remarks by TRB Staff Liaison – Christy Gerencher**

Christy Gerencher noted the tour tomorrow starts at 8 AM. Christy thanked to Kathy Ames and IDOT for setting up tour.

9) **Report from FHWA Office of Project Development and Environmental Review – Shari Schaftlein**

Shari Schaftlein provided the FHWA report. She encouraged people to go to the Committee’s website and anything that sparks ideas relative to STP, please get to her.

She is working with TRB on Section 4(f) study and good practice. She is also working through the DOTs as well.

Shari said the Design Build guidance will be out soon. The rulemaking is in 771. Exemplary human initiatives is a new area so look at this when doing your PPPs.

She noted that the in regard to the Gallup results there are some samplings out but a lot will be coming out soon and available to researchers. It is a very rich database. By winter session, she will try to get some time to present. Send an email to Mark Kross on the Gallup presentation.
10) AASHTO Report/Center for Environmental Excellence – Gary McVoy

Gary McVoy reported that the Center for Transportation Excellence has 3.1 million dollars and is bigger, better and secure for the future. There are improvements on the website which is being revamped issue by issue. TERI database is new. The Programmatic Agreements Library is growing. The number of Practitioner’s Guides is growing. ETAPs have expanded. Environmental management technical assistance has been provided in six states.

Gary emphasized that we (the Committee) should be working together. Mark Kross asked what our relationship is to the CEE and how it has affected the Committee. Gary McVoy said the Committee has not taken as much of an advantage as it could. There is a natural synergy. TERI was noted as such an area. Shari Schaflelein said that there were a couple of key differences – when new tasks start up there is a commitment to have a larger peer group to vet the task.

11) NCHRP Research Updates – Gary McVoy

Gary reported on the 25 -25 effort with 8-10 research projects being done every year. He said the research suggestions can always be put in TERI database and reviewed.

12) TR News Environmental Issue

Marcia Bowen described the newsletter process steps. This is an opportunity. This will require four committed individuals for a year. An outline has been developed and based on conference the outline was revamped. Need at least two individuals who could commit 2 hours per week - finalizing an outline, selecting articles, pushing all forward. Also, we will need authors and will go beyond just this Committee. The outline and authors are needed by the end of summer. Christy also suggested reaching out to other environmental committees. Mark concurred there still needs to be reaching out to other committees. Chris Hedges is the lead from a TRB perspective. This is just a one time issue – a theme issue and comes out every other month. Martin Palmer offered to help as did Andy Fekete, Kris Hoellen, and Craig Casper.

13) Open Roundtable Discussion

The meeting presentations and especially the round table with Andy Fekete tried to provide a more interactive approach. Mark would like to encourage the interactive approach. Gary noted “without discussion why go to sessions”. Craig Casper remarked he was struck by the fact that we want the dialogue. Christy Gerencher did note that despite best efforts sometimes it is just the speakers. Andy said that there are paper sessions and presentation sessions and choices are made by Committee. Therefore there is flexibility to present paper and then have discussion. Joe Shalkowski reminded the group of past experiences in having folks do short presentations and then have group discussions.

Presentations given at TRB should be on the website. Christy noted they need to be on the website with the permission of the author then the Committee can then put up on website. Chris Gesing and Jim Bach will do this for the Committee.

Shari Schaflelein reminded the Committee that calls between the moderators is critical. The only standard of if you just show up will not cut it any more - it will take some conversation.
Joe suggested maybe a presentation meeting at the annual meeting. Mark said that at one point a presentation was suggested. Pat Trombly asked about the purpose, and Mark said to give it a shot in the arm. Martin Palmer indicated he needed to think about it a bit.

Andy Fekete asked if as a group we can impose a more creative approach. Christy said we were in control of the session. Jim Bach will make an effort to be more creative. He said the presentations have been posted to the website. Chris Gesing always follows up with the authors of they do not send in their presentations. Jim added that it also depends on what papers are submitted as very different topics with four different papers can make dialogue challenging.

Chris Gesing suggested we go to author and tell him/her what to emphasize or focus on for the presentations. Jim thought maybe the reviewers could offer ideas for how the paper could be presented. The feedback spot could be used for this - “Tips on How to Present”. The only issue with this may be for shared sessions.

All the Committee shared a favorable opinion and a look at the round table format that Andy Fekete used in his session.

Mark Kross looked at the presentation recommendations. Mark asked Jim Bach and Martin Palmer to review and decide. Mark also asked Gary McVoy and Andy Fekete to weigh in.

Global Climate change is in the International Committee. The ADC10 chair can appoint a contact. Gary McVoy and Muggs Stoll will be the ADC10 Points of Contact.

Tony Opperman’s and Tom Linkous’ committees as well as ADC10 propose a half day workshop. Mike Culp, Kathy Ames, Lynn Malbrough and maybe Muggs Stoll and his organization will look at for ADC10. Action item for Mark is to talk to Mike Culp. Christy said that the program needs to be final October 1 and in system.

Gary McVoy noted that the Committee doing great based on interactions and interest.

Also note that the Center for Transportation and the Environment (CTE) Report is available as Attachment N.

The Chairman adjourned the meeting at 5:18 PM.
ATTACHMENT A – MEETING AGENDA
AGENDA
ENVIRONMENTAL ANALYSIS IN TRANSPORTATION
ADC10 COMMITTEE BUSINESS MEETING
TRB 2007 SUMMER CONFERENCE
SUNDAY, JULY 8, 2007
12:30 – 4:15 PM
Chicago Renaissance Hotel, Cuisines Room
Chicago, IL
(All ADC10 Members & Friends and Other Committees Welcomed)

1) Introduction of Members and Friends of the Committee (10 min-12:30 to 12:40 PM)
2) Review and Approval of Minutes of January 2007 Business Meeting (5 min-12:40 to 12:45 PM)
3) Remarks of the Chair and Discussions (Mark Kross) (30 min-12:45 to 1:15 PM)
   a) Summer 2007 Program
      i) Reaction to joining TRB Summer Conference
   b) 2008 Annual Meeting
      i) Planned sessions
   c) Succession Planning for Committee ADC10
   d) Update of Environmental Directory
      i) Who and Sustaining It
   e) Triennial Strategic Plan (with Kim Gambrill)
4) Sub-Committee Reports (60 min-1:15 to 2:15 PM)
   a) Steering – Chair, Kim Gambrill
   b) Natural Resources & Environmental Stewardship – Chair, Andy Fekete
   c) Liaison – Chair, Jim Bednar
   d) Web-Site – Chair, Chris Gesing
   e) Mid-Year Workshop – Chair, Ron DeNadai
   f) Newsletter – Chair, Frank Bracaglia
   g) Research Topics – Chair, Joe Shalkowski
   h) Publications – Chair, Jim Bach
      i) The 2008 Paper Review Process
   i) History – Pat Trombly
5) Research Needs Database (25 min-2:15 to 2:40 PM)
   i) TRB Database Process (Joe Shalkowski/Joel Crossett)
   ii) Discussion of 2002 Needs Not Yet Researched (Joe Shalkowski)
   iii) AASHTO SCO Title and Meeting and Research (Gary McVoy/Pat Trombly)
6) Break (15 min-2:40 to 2:55 PM)
7) Remarks by TRB Staff Liaison – Christy Gerencer (10 min-2:55 to 3:05 PM)
8) Report from FHWA Office of Project Development and Environmental Review – Shari Schaftlein (10 min-3:05 to 3:15 PM)
9) AASHTO Report/Center for Environmental Excellence – Gary McVoy (10 min-3:15 to 3:25 PM)
10) NCHRP Research Updates – Gary McVoy (10 min-3:25 to 3:35 PM)
11) TR News Environmental Issue (10 min-3:35 to 3:45 PM)
12) Open Roundtable Discussion (20 min-3:45 to 4:05 PM)
13) Closing (10 min-4:05 to 4:15 PM)

ADC10 2007 SUMMER AGENDA

June 28, 2007
# Environmental Analysis in Transportation

**ADC10 Committee Business Meeting**  
**TRB 2007 Summer Conference**

**Sunday, July 8, 2007**  
**12:30 PM – 4:15 PM**  
**Chicago Renaissance Hotel, Cuisines Room**  
**Chicago, IL**

<table>
<thead>
<tr>
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<tr>
<td><strong>George Mazur</strong></td>
<td>555 12Th St, #1600</td>
<td>530-750-1104</td>
<td>530-750-1171</td>
<td>(<a href="mailto:g-mazur@camsys.com">g-mazur@camsys.com</a>)</td>
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<td>ADC10 Member: ☑ Yes ☐ No</td>
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<tr>
<td><strong>Pat Trombley</strong></td>
<td>10 Park Plaza Room 7360</td>
<td>617-973-7369</td>
<td>617-973-8038</td>
<td>Patmc. Trombley @ MHTN State Mi, US</td>
</tr>
<tr>
<td>Agency/Company:</td>
<td>BOSTON, MA 02110</td>
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<td><strong>Joe Stankowski</strong></td>
<td>I-69 Corridor Study GEC</td>
<td>512-563-7610</td>
<td>512-563-7610</td>
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<tr>
<td>Agency/Company:</td>
<td>7745 CHEVY CHASE DRIVE</td>
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<tr>
<td><strong>C. Maggisi Stell</strong></td>
<td>491 B STREET SUITE B00</td>
<td>619-699-6947</td>
<td>619-699-0709</td>
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<tr>
<td><strong>Jim Bednarz</strong></td>
<td>5775 PERIMETER DR. SUITE 190</td>
<td>614-734-7140</td>
<td>937-234-6152</td>
<td><a href="mailto:JBednarz@ch2m.com">JBednarz@ch2m.com</a></td>
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<tr>
<td><strong>Marcia Bowen</strong></td>
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<td>207-846-3578</td>
<td>207-846-6524</td>
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<td><strong>Craig Casper</strong></td>
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<td>Jen Johnson</td>
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<td>816-527-2658</td>
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<td>A. Zemek</td>
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<td><a href="mailto:azemek@bh.harvard.edu">azemek@bh.harvard.edu</a></td>
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<td>573 301-6084</td>
<td>573 636-4966</td>
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<td>David Graczyk</td>
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<td>404-522-3700</td>
<td><a href="mailto:david.graczyk@fhwa.dot.gov">david.graczyk@fhwa.dot.gov</a></td>
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Sunday, July 8, 2007  
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Chicago Renaissance Hotel, Cuisines Room  
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<td>Buddy Desai</td>
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<td>Jeff Frantz</td>
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<tr>
<td>Chris Gesing</td>
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<td>Lynn Malbrough</td>
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<td>501-569-2289</td>
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<td>Gary McVoy</td>
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<td>John Page</td>
<td>909 Aviation Plz, Morrisville, NC</td>
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<td><a href="mailto:pagej@pbworld.com">pagej@pbworld.com</a></td>
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ADC10 Member: ☑ Yes ☐ No
ATTACHMENT C – STEERING COMMITTEE REPORT
TRB ADC10
Steering Subcommittee Report
Business Meeting Discussion Topics
July 8, 2007

A. Steering Subcommittee Report
B. ADC10 Committee Membership
C. Review and Adoption of Newsletter Subcommittee Goals
D. Schedule for Future Updates of Subcommittee Goals
Goal:

Provide a quality newsletter that allows the chair, members, and friends of the TRB ADC10 Committee and other professionals to share transportation-related environmental research and other information on a regular basis. Each newsletter will emphasize ADC10 Committee activities and environmental research.

Objectives:

- Publish two newsletters per year: one in May and one in November.
- Include at least one longer article or research report that would be of interest to committee members, friends, and the professional community.
- Seek news articles and meeting announcements from a variety of environmental sources on topics that may be unlikely to receive attention in other publications.
- Encourage the chairpersons of all ADC10 subcommittees to write articles describing subcommittee activities.
- Encourage ADC10’s designated liaisons to other related TRB Committees or subcommittees to write articles on the activities of these related committees or subcommittees.
- Distribute the newsletter widely by transmitting each issue electronically to all committee members and friends and by posting to the Committee’s website.
- Develop a vehicle to annually update the Directory of State Transportation Agency and Federal Highway Administration Environmental Officials.
- Evaluate the newsletter every three years through a reader survey.

General Procedures:

- The Newsletter Subcommittee Chairperson is appointed by the Chair of Committee ADC10 and serves as editor of the Committee’s newsletter.
- Members of the subcommittee are selected by the chairperson to assist with all subcommittee activities.
- The ADC10 Chair and the editor select an individual, agency, or firm to publish the newsletter on behalf of the Committee.
The newsletter editor requests, collects and assembles materials for each edition of the newsletter and submits proposed text and graphics to the publisher.

The publisher designs and creates the newsletter and submits it to the editor for review. When the editor determines the newsletter is ready for publication the ADC10 Chair will be offered the opportunity for final review and comment. Once approved for publication by the editor alone or by both the editor and the ADC10 Chair, the newsletter is electronically transmitted to the ADC10 mailing list. The newsletter is also forwarded electronically to the Committee’s Web Site Subcommittee Chair for website posting.

The editor will send out a request for articles, announcements, and other newsletter information to the ADC10 Chair, all subcommittee chairpersons, and all interested parties three months prior to publication of each newsletter. Articles and announcements of upcoming events may be submitted to the editor at any time, however mid-April and mid-October are the deadlines for submitting information to the editor for the May and November newsletters, respectively.

Proposed newsletter articles must include a title and the author’s name, address, e-mail address, and phone number. Articles may be submitted by e-mail or compact disc. E-mail submittals are preferred. Microsoft Word is currently the preferred electronic program.

Suggested topics for the newsletter include:

- ADC10 Chair’s message
- Subcommittee Reports and Liaison Reports
- Feature articles
- Status reports on ongoing research
- Results of recently completed research
- Suggestions for future research needs
- Other research news
- Notices concerning plans for upcoming Mid-year and Annual meetings
- Minutes or summary articles describing Mid-year and Annual meeting activities
- Notices about other upcoming workshops, conferences, meetings or events of probable interest to Committee members and friends
- Requests for information
- Other announcements

The Newsletter Subcommittee Chairperson shall submit a written report of the subcommittee’s accomplishments and planned activities to the Chair at each TRB Annual meeting and at the Mid-Year Workshop.
Steering Subcommittee Report: July 8, 2007

Activities and Accomplishments: January 2007 – July 2007

- Completed final revisions to the ADC10 Committee Mission, Goals and Implementation Strategies and to the Steering Subcommittee Goals and Objectives (both adopted January 24, 2007).
- Worked with Mark Kross on a preliminary draft of the 2004 – 2006 Triennial Strategic Plan.


- Complete final revisions, as necessary, to the Newsletter Goals, Objectives and Procedures following their (anticipated) adoption on July 8, 2007.
- Assist the Committee Chair in the preparation of the final 2004 – 2006 Triennial Strategic Plan (TSP).
- Assist each of the Subcommittee Chairpersons in preparing a brief Purpose Statement for his or her subcommittee. Along with the ADC10 Mission Statement, these statements will more fully describe the work performed by ADC10 and the broad range of opportunities for participation in Committee activities.
- Work with Pat Trombly and Mark Kross to create goals and objectives for the new History Subcommittee. Circulate for review and comment and then prepare a final draft for adoption at the Annual Meeting in January 2008.
- Work with the new History Subcommittee, as requested, to interview former members of the Committee.
- Assist Ron DeNadai, Martin Palmer and Mark Kross to create an electronic version of the Mid-year Workshop planning notebooks.
- Begin working on a succession plan for the chair and members of the Steering Subcommittee.

Submitted by:
Kim Gambrill
Steering Subcommittee Chairperson
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ATTACHMENT D – NEWSLETTER GOALS
DRAFT
TRB COMMITTEE ADC10
NEWSLETTER SUBCOMMITTEE GOALS,
OBJECTIVES AND PROCEDURES
July XX, 2007

Goal:

Provide a quality newsletter that allows the chair, members, and friends of the TRB ADC10 Committee and other professionals to share transportation-related environmental research and other information on a regular basis. Each newsletter will emphasize ADC10 Committee activities and environmental research.

Objectives:

- Publish two newsletters per year: one in May and one in November.
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- Evaluate the newsletter every three years through a reader survey.

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- The ADC10 Chair and the editor select an individual, agency, or firm to publish the newsletter on behalf of the Committee.
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- Feature articles
- Status reports on ongoing research
- Results of recently completed research
- Suggestions for future research needs
- Other research news
- Notices concerning plans for upcoming Mid-year and Annual meetings
- Minutes or summary articles describing Mid-year and Annual meeting activities
- Notices about other upcoming workshops, conferences, meetings or events of probable interest to Committee members and friends
- Requests for information
- Other announcements

The Newsletter Subcommittee Chairperson shall submit a written report of the subcommittee’s accomplishments and planned activities to the Chair at each TRB Annual meeting and at the Mid-Year Workshop.

Adopted by the Committee
July XX, 2007
Chicago, IL
WEBSITE SUBCOMMITTEE REPORT

The following are the activities since the January 2007 Business Meeting in Washington DC:

1. Posted the July 2006 Business Meeting Minutes approved at the January 2007 Business Meeting.

2. Added the 2007 Annual Meeting workshop and session presentations to the “Conferences” page. *Special thanks to the workshop and session moderators for their help in collecting the presentations for the website.*

3. Added a link to registration information and added/updated the ADC10 Preliminary Agenda for the 2007 Summer Workshop in Chicago, Illinois to the website.

4. Added the 2008 TRB Annual Meeting notice and the ADC10 Call for Papers to the website.

5. Posted the approved ADC10 Committee Mission, Goals and Implementation Strategies, and the Steering Goals and Implementation Strategies


7. Updated the website for changes in Members contact information.

8. Continued updating the Home Page with announcements, registrations and preliminary program information for TRB Annual Meeting and ADC10 Summer Workshop. *Special thanks to Carol Zarker at CTE for promptly posting the website updates.*

**Future Efforts**

- Keep the website updated with current events/news
- Maintain the listserv
- Continue posting ADC10 business meeting minutes as they are approved
- Continue collecting session and presentation materials at the TRB Annual Meetings and ADC10 Summer Workshops and making the information available from the “Conferences” web page.
- Continue posting Subcommittee Goals and Objectives as they are reviewed and approved
- Work with the Newsletter Subcommittee (Frank Bracaglia, Chair), Members and Friends to update and post the ADC10 Directory of State Transportation Agency and FHWA Environmental Officials
- Post links and information of interest to the Committee (e.g. AASHTO research) on the website
- Add a new “History” page to the website and post information as it becomes available from the History Subcommittee (Pat Trombly, Chair), Members and Friends.

Please submit any suggestions for improving the website to cgesing@mbakercorp.com.

Prepared and Submitted by:

Christopher G. Gesing, P.E.
Chair, ADC10 Website Subcommittee
Project Manager
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ATTACHMENT F – TRB 2007 REPORT
1) CHICAGO '07

- NOT a new TRE idea - actually very old One
- 52nd Annual Conf. vs. ABC 10-27 (1881 Notice)
- 375 Registered 4/2 10-15% unkers 2 400 attendees
  - 4 Groups - A, B, C, D, E
- 8 Sections - we are only 3 Sections Committee here
- 49 Committee
- 6 Sub-Committee
- 1 TAKE part
- 50 Group Attendance

- MPC 10
  - 71 Registrant
  - 20 Speakers
- 91 Attendees 25% of 375

- ABC 10 attendees
  - 8 SET
  - City Chicago
  - 3 Fed Agencies
  - 2 papers
  - 10 Consultants

- ABC 10 Sessions
  - Moderators: Carolyn Warren, Martin Pfeifer, AT Treadway
  - MACS 199, 300 shellheads, 200 papers, hard shellheads
  - Wrap-up 4, talks on future

- Ongoing Session (10AM) - Andy Vollet, Mexico (Food, Beverage)

- Time 36 minutes

- Very Successful ABCO Program - very - cut turnover
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Newsletter Subcommittee Report

By: Frank Bracaglia, Vanasse Hangen Brustlin, Inc.

Accomplishments

It was at the 2007 Annual Meeting in January when I took over the reins of chair of this subcommittee. Since that time, we have several accomplishments to our credit.

1. Along with myself, the subcommittee now consists of four members. A possible fifth person has also expressed in becoming a subcommittee member.

2. In April 2007, I revised and submitted a draft version of the Subcommittee's Goals, Objectives, and Procedures. These are to be discussed at this Mid-Year Business Meeting.

3. On June 20, 2007, the May 2007 Newsletter was distributed to Members and Friends of the ADC10 Committee. Thanks to all those who contributed feature articles for this newsletter. Thanks especially to Chris Gesing of Michael Baker Jr., Inc. for doing a terrific job in creating a new look for the newsletter. The newsletter will be posted to the ADC10 Web site in the very near future.

If you have not received the newsletter by e-mail, it is either because I do not have your e-mail address at all, or I have an outdated e-mail address for you, or because your organizations prohibits mass mailings via a filter. In the meantime, you can view the May newsletter after it is posted on the web site and, if you wish to receive the November newsletter directly, please send me your e-mail address to me at fracaglia@vhb.com.

Next Steps

1. In mid-August, I intend to send out All Points Bulletin that requests subcommittee chair's, members, friends of the committee, and others to step forward and volunteer to submit announcements, subcommittee reports, research news, requests for information, or feature articles for the November newsletter. The deadline for articles for this issue will be mid-October. I also intend to send a followup APB before the newsletter deadline sometime toward the end of September.

Remember, this is your newsletter and it is only as good as you make it.

2. If it remains one of the goals and objectives of the Newsletter subcommittee, with the other members of the subcommittee, in the very near future, I plan on beginning the effort to update the Directory of State Transportation Agency and Federal Highway Administration Environmental Officials for 2007. We also need to figure out a mechanism for updating it annually.

3. Another of the objectives of the Newsletter Subcommittee is to evaluate the newsletter every three years through a reader survey. As far as I could determine, the last survey was performed before 1998. So, this is long overdue. I think I would like to send out such a survey by the end of the year in order to obtain feedback.
Mission

The mission of the Research Topics Subcommittee is to 1) identify environmental transportation research needs and contribute research ideas as opportunities arise through TRB, AASHTO, and other organizations; 2) track what happens to research ideas generated in the environmental transportation profession through monitoring of the TRB Research Needs Database, TERI, RiP, TRISOlne, STEP, and other associated research data sources; 3) identify which research ideas may be “hot” topics for ADC10 calls for papers or calls for presentations through coordination with AASHTO, TRB, FHWA, State DOTs, and institutions of higher learning partners; 4) track what happens to the research that is funded so that appropriate links to the research results are available and arrangements are made to present the results at TRB, if appropriate, during a presentation/poster/or paper session; and 5) support any future research needs conference. Ultimately, the subcommittee is to promote and facilitate inter-organizational coordination and communication on completed, ongoing, and needed research.

The subcommittee recognizes that the partnerships between TRB, AASHTO, FHWA, the State DOTs, institutions of higher learning, and other public and private sector organizations are essential to effectively identify, track, fund, monitor, and report on important research within the environmental transportation field. A priority of the subcommittee is to build relationships and maintain membership that includes representation from these organizations as part of a proactive effort to understand and identify research needs, priorities, and results.

Membership

Chair: Joe Shalkowski, PBS&J

Members: Joe Crossett, TransTech Management
H. Oliver Gao, Cornell University
Jeff Heilman, Parametrix, Inc.
"Jane" Jie Lin, PhD, University of Illinois at Chicago
Lynn Malbrough, Arkansas Highway and Transportation Department
John Page, PB Americas, Inc.
Teresa Townsend, Planning Communities
Marie Venner, ICF International
Lisa Zeimer, PB Americas, Inc.
Activities

- Subcommittee conference calls on April 26, May 8, June 4, June 14, and June 27, 2007

- Prepared draft “call for research ideas” that is intended to be circulated to ADC10 members and friends periodically as a means for generating candidate research ideas for submission to TRB’s Research Needs Database and AASHTO’s TERI Database. The subcommittee is in the process of reviewing the draft “call for research ideas” notice. The ADC10 members will be requested to participate in reviewing all candidate research ideas prior to submission to TRB or TERI.

- Joe Crossett volunteered to be the ADC10 data entry coordinator for both the TRB and TERI databases.

- Reviewed 31 candidate research needs statements, relevant to the scope of ADC10, that were generated in preparation for the 2002 TRB Research Needs Conference but not advanced for publication in the conference proceedings, Circular 469. This activity led to the submission of the following research needs statements to the TRB Research Needs Database on June 15, 2007:
  - Maintaining Diversity in Wetlands Mitigation Sites
  - Analysis of Property Value Impacts of Transportation Projects
  - Comparative Analysis of Geophysical Remote Sensing Technologies for Integration into Departments of Transportation Environmental Decision-Making Process
  - Transportation Environmental Analysis Electronic Index
  - Onsite and Offsite Effects of Converting Gravel or Native Roads to Pavement
  - Predicting Soil Loss on Highway Systems Based on a Revised Universal Soil Loss Equation (RUSLE) Specific to Highway Site Conditions
Activities

- Reviewed those research needs statements for the following four ADC10 priority topic areas from the 2002 TRB Research Needs Conference that were advanced for publication in Circular 469 but have yet to be advanced/funded as research projects:
  
  ➢ Environmental Information Management (seven research needs statements listed in Circular 469)
  ➢ Environmental Streamlining and Stewardship (nine research needs statements listed in Circular 469)
  ➢ Integrated Environmental Decision Making (nine research needs statements listed in Circular 469)
  ➢ Sustainability – excluding the climate change component (11 out of the 17 research needs statements listed in Circular 469)

The review resulted in the submission of the following research needs statements to the TRB Research Needs Database on June 28, 2007:

  o Development of Environmental Performance-Based Mitigation Systems
  o Intellectual Property Rights for Environmental Data and Information

The ADC10 Committee membership will have an opportunity to have input into the submission of these two research needs statements at the July 8, 2007 ADC10 Committee Meeting. The committee will also be requested to review and decide whether the following research needs statement should be advanced to the TRB database: Extend Asset Management Software to Include Environmental Assets.

- Identified research needs statements that may qualify for joint committee sponsorship and/or would be forwarded to other committees that may have interest in the subject matter of the research needs statement (see Joe Crossett's spreadsheet listing the status of all reviewed research needs statements). Mark Kross is coordinating this activity with the other TRB committees, as appropriate.

- Those eight research needs statements entered into the TRB database on behalf of ADC10 have also been submitted to the AASHTO TERI database. Check out the following web-site to review the research needs statements submitted to TRB: http://rns.trb.org/
Call for Papers
TRB 87th Annual Meeting
January 13-17, 2008

CALL TITLE: Environmental Analysis in Transportation

SPONSORING COMMITTEE: ADC10, Environmental Analysis in Transp

CO-SPONSORING COMMITTEE(S):

CALL DESCRIPTION:
Transportation Research Board (TRB) Committee on Environmental Analysis in Transportation, ADC10, invites the submission of papers for presentation at TRB’s Annual Meeting on a broad number of transportation environmental topics including the links between transportation planning and the environment. The Environmental Analysis in Transportation Committee and its subcommittees are interested in both research and case studies that address all aspects of project planning, development, enhancement, sustainability and stewardship, mitigation and performance evaluation for all modes. Among the topics of specific interest are:

- Congestion Measures and Environmental Analysis including Environmental Costs;
- Sustainable Roads;
- Public Private Partnerships and Environmental Review Process;
- Mitigation Planning and Joint Funding;
- Environmental Management Systems and Lessons Learned; and

SUBJECT AREAS:
Environment and Energy

Authors interested in submitting papers are advised to visit http://www.TRB.org and review the Information for Authors. Authors submitting papers in response to this Call for Papers should submit full papers for peer review to the Transportation Research Board http://www.TRB.org by the applicable deadline shown in the note below. On the paper submission form please show the sponsoring committee name or the Call for Papers title. Please contact the Call organizer if you are submitting a paper or need additional information.

NOTE: TRB has implemented dual paper submittal deadlines for 2008 Annual Meeting: Papers in non-PDF format must be submitted prior to midnight Friday, July 27, 2007; Papers in PDF format must be submitted prior to midnight Wednesday, August 1, 2007. Authors are strongly encouraged to convert their paper to PDF format prior to submission to the TRB website to take advantage of the later deadline and to facilitate quicker...
processing of their paper. TRB also reminds authors that the best way to avoid last minute complications is to submit their paper well before these deadlines.

CALL ORGANIZER:
Jim Bach: jbach@louisberger.com
Call for Papers
87th Annual Transportation Research Board Meeting

Partnerships in Ecological & Cultural Stewardship:
Application of basic ecological and cultural research and geospatial tools
to implement new environmental provisions within SAFETEA-LU.

Sponsoring Committee
Ecology and Transportation Committee (ADC30)
Co-Sponsors
Geographic Information Science and Applications Committee (ABJ60)
Environmental Analysis Committee (ADC10)
Historic and Archeological Preservation in Transportation (ADC 50)
Environmental Justice in Transportation (ADD50)

New environmental provisions within the current transportation legislation (SAFETEA-LU) provide
new opportunities for transportation agencies to work with stakeholders earlier in the environmental
review process to identify and address issues that enhance the transportation planning and project
delivery process. Two sections of SAFETEA-LU specifically contend with these issues:

• Section 6001 requires consideration, in part, of planning to “protect and enhance the
  environment, promote energy conservation, improve the quality of life, and promote consistency
  between transportation improvements and State and local planned growth and economic
development patterns; and to enhance the integration and connectivity of the transportation
  system, across and between modes, for people and freight.”

• Section 6002 requires that the lead agency shall identify, as early as practicable in the
  environmental review process for a project, any other Federal and non-Federal agencies that
  may have an interest in the project, and invites such agencies to participate in the environmental
  review process for the project.

Early coordination and effective communication between technical experts from a variety of disciplines
and non-technical special interest groups is critical to effectively address a broad range of ecological
and cultural issues at regional and statewide planning scales as required in Section 6001, and at
smaller individual project scales as required in Section 6002. Implementation of these new provisions
is expected to greatly enhance the transportation project delivery through streamlined process
improvements and reduced delivery costs.

Papers are being solicited that address ecological or cultural research of interest to strategic
transportation planning applications. This could include strategic conservation planning; cultural
surveys or community impact assessments which investigate innovative and resourceful applications
of geospatial technology or new approaches that result in economies of scale and facilitate early
coordination and partnerships. These papers may be considered for possible publication in the
Transportation Research Record series in accordance with TRB’s peer review process. These
applications should strive to build programmatic applications intended to enhance transportation
planning and individual project development, environmental asset inventory and management, and seek
to streamline and shorten the decision-making process. Applications that incorporate multi-modalism
are encouraged.
5. SCENARIO-BASED PLANNING TO BALANCE LONG-TERM TRANSPORTATION, COMMUNITY, ENVIRONMENTAL, AND ECONOMIC GOALS

SHRP 2 Capacity Project C01: A Framework for Collaborative Decision Making on Additions to Highway Capacity

Also 6002 process (FHWA), 25-25 32 are tackling this issue

Taken care of for now – may want to revisit after 25-25 project is done

Problem Statement
There is growing frustration with the results of current state, regional, and local transportation and community decision-making processes. Transportation needs are not integrated or addressed in land use, economic, and other community planning efforts. Expensive and time consuming transportation planning processes and environmental reviews often do not result in projects being built or improvements in the quality of life, environment, or economic opportunities in communities. Current planning processes include 3-, 5-, and 20-year horizons, with major transportation infrastructure projects taking from 10 to 15 years to complete. Participants in the process often become polarized and unable to develop consensus because the range of solutions is limited to the scope of existing programs, agency missions, and resources. Solutions and alternatives are often developed in "stovepipes" and do not take into account the impacts of decisions on other goals. Although research is being conducted to improve existing processes, research is also needed to develop and test alternative processes to give decision makers additional tools to effectively address long-term transportation, community, environmental, and economic goals.

Proposed Research
Scenario-based planning starts with the creation of a future "end state," where decision makers work together to create action plans to best reach that end result. By starting with an outcome and set of circumstances that may be 40 or 50 years or even 7 generations into the future, decision makers are taken out of their current "turf" and can think more creatively and collaboratively. The research specifically would explore

• How scenario-based planning can be used to meet and balance long-range transportation, environment, community, and economic goals;

• How scenario-based planning can be used to weigh and balance economic growth and development with other environmental factors;

• How scenario-based planning can integrate competing public, private, and community interests and results in transportation solutions;

• How scenario-based planning can integrate multiple levels of decision making from community, local, regional, statewide, and national, to global;

• How scenario-based planning can be used to develop alternative compliance with environmental goals into public and private initiatives; and

• How the results of scenario-based planning link with and support current environmental and planning requirements.

Research tasks would include:
1. Surveying current scenario-based planning applications and collect successful strategies and practices that would be applicable and effective in transportation decision making.

2. Developing, testing, and evaluating scenario-based planning for local, regional, statewide, and national transportation and environmental applications.

3. On the same issue, comparing the outcomes of a current transportation and environmental decision-making process with a scenario planning process.

4. Develop guidance, training, and materials to share effective strategies with decision makers.

Cost: $1,000,000
Duration: 36 months
5. Extend Asset Management Software to Include Environmental Assets


Taken Care Of

Problem Statement
DOTs use asset management to exercise effective stewardship of the public assets for which they are responsible. For example, pavement and bridge management systems (PMS and BMS) are used to help manage the pavement and structures of roads. Presently, these tools fail to include environmental assets for which the DOTs are responsible. In highway rights-of-way (ROW), there are environmental resources such as vegetation, habitat, and noise berms/barriers. Additional environmental assets exist outside of the ROW, such as retention ponds and maintenance sheds. DOTs could benefit from tools that help manage these environmental assets.

Proposed Research
Develop a team of experts and potential stakeholders including DOTs, environmental agencies, researchers, and citizen groups to
- Inventory the types of environmental assets controlled by a typical DOT for which data are conveniently available.
- Evaluate and rank each type of data in respect to its utility for environmental asset management.
- Develop decision matrices (look up tables) that describe the environmental impacts of different treatments in transportation management systems, including but not limited to Pavement Management Systems (PMS), Bridge Management Systems (BMS), Highway Economic Requirement Systems, and ROW management systems.
- Evaluate existing asset management systems, such as PMS, BMS, and ROW management systems, and determine which ones might be enhanced to accommodate environmental asset management.
- Develop a detailed design for a parallel software application that includes environmental asset management. Alternatively, negotiate with software vendors to incorporate environmental asset management requirements into existing systems.
- Develop a pilot application in at least one state to test the concept of integrating environmental stewardship into asset management.

Cost: $650,000
Duration: 24 months
No research underway?

Go forward with this idea.

Problem Statement
The current practice for mitigating environmental impacts of transportation projects is to mitigate only specific impacts on specific resources without consideration of which produces the best environmental result. In many cases, significant funds will be spent by transportation agencies on marginal mitigation projects. Those same funds could be spent to much greater environmental benefit consistent with larger environmental and community goals. By changing to an environmental performance-based mitigation methodology, transportation investments can be used more effectively in achieving both transportation and environmental goals than under current regulatory structures. To achieve this change in paradigm, acceptable methods for setting regional environmental objectives, measuring environmental impacts, and measuring environmental performance by its contribution towards the identified regional environmental objectives must be developed.

Proposed Research
The proposed research is intended to explore methods of optimizing transportation-related environmental investments instead of the current piecemeal responses to mitigating specific project-related impacts. Toward this end, the following tasks should be initiated:

- Task 1: Determine the state of practice of environmental performance-based mitigation.
- Task 2: Decide what regulatory, legal, and policy barriers exist to performance-based environmental measurement and mitigation.
- Task 3: Establish what alternative regulatory structures can accommodate performance based environmental mitigation.
- Task 4: Develop common environmental performance measures across modes that can be accepted by resource agencies and other stakeholders.

Cost: $500,000
- Task 1: $100,000
- Task 2: $100,000
- Task 3: $100,000
- Task 4: $200,000

Duration: 24 months
- Task 1: 6 months (parallel)
- Task 2: 6 months (parallel)
- Task 3: 9 months (parallel)
- Task 4: 12 months
ATTACHMENT M – RESEARCH IDEAS
<table>
<thead>
<tr>
<th>ID</th>
<th>Source</th>
<th>Research Title</th>
<th>ADC10 Action</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Pre-Conference Materials Idea</td>
<td>Environmental Impacts of Ancillary Products/Chemicals Used in Maintenance of Highways</td>
<td>Not advanced</td>
</tr>
<tr>
<td>2</td>
<td>Pre-Conference Materials Idea</td>
<td>Develop Environmentally Sensitive Design Alternatives for DOT Highway Maintenance Facilities</td>
<td>Not advanced</td>
</tr>
<tr>
<td>4</td>
<td>Pre-Conference Materials Idea</td>
<td>Case Studies of “Green” Guardrails and Naturalizing of Median Strips to Test the Impact on Traffic Safety and Environmental Quality</td>
<td>Not advanced</td>
</tr>
<tr>
<td>5</td>
<td>Pre-Conference Materials Idea</td>
<td>Review and Evaluate the Different Lead-Free Yellow Paints and Durable Markings Currently Being Used by Transportation Agencies and/or Offered by Manufacturers</td>
<td>Not advanced</td>
</tr>
<tr>
<td>6</td>
<td>Pre-Conference Materials Idea</td>
<td>Predicting Soil Loss on Highway Systems Based on a Revised Universal Soil Loss Equation (RUSLE) Specific to Highway Site Conditions</td>
<td>Added to the ADC10 TRB Database</td>
</tr>
<tr>
<td>7</td>
<td>Pre-Conference Materials Idea</td>
<td>Onsite and Offsite Effects of Converting Gravel or Native Roads to Pavement</td>
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</tr>
<tr>
<td>9</td>
<td>Pre-Conference Materials Idea</td>
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<tr>
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<td>Pre-Conference Materials Idea</td>
<td>Analysis of Property Value Impacts of Transportation Projects</td>
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<tr>
<td>12</td>
<td>Pre-Conference Materials Idea</td>
<td>Maintaining Diversity in Wetlands Mitigation Sites</td>
<td>Added to the ADC10 TRB Database (ADC30 may have joint interest)</td>
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</table>
CTE Update

July 2007

The Center for Transportation and the Environment is a national university transportation center funded in part by the U.S. Department of Transportation. CTE's mission is to help transportation and environmental agencies and stakeholder groups collaborate on the design and implementation of solutions that improve transportation systems while protecting the nation's critical natural resources and the vitality and livability of its communities. www.cte.ncsu.edu

RESEARCH IN PROGRESS

- Environmental Implications of Domestic Goods Movement (final report in preparation)
- Guidebook for Greenhouse Gas Reductions in Freight Transportation (final report in preparation)
- NCHRP 25-30: Temporary Bridging to Avoid or Minimize Impacts to Waters and Wetlands During Highway Construction
- Support Services to the Special Transit Advisory Commission for the Research Triangle Region of North Carolina
- Context Sensitive Solutions National Dialogue (FHWA)

RESEARCH PUBLICATIONS

- Evaluating BMPs for Treating Stormwater and Wastewater from NCDOT's Highways, Industrial Facilities, and Borrow Pits. Daniel E. Line, P.E., NC State University, Biological and Agricultural Engineering Department. CTE-NCDOT Joint Environmental Research Program (February 2006).
- Development of Methods to Determine Lateral Effect of Highway Drainage Systems on Wetland Hydrology - Phase II. Dr. Brian Phillips, NC State University. CTE-NCDOT Joint Environmental Research Program (January 2006).

WORKFORCE DEVELOPMENT

- Web Pilot Course: Introduction to Indirect and Cumulative Effects Assessment (w/Louis Berger Group, Inc.)
- Context Sensitive Solutions Training. Ongoing - 1,500+ professionals trained to date. (3 days)
- NCDOT Merger-01 Training (Environmental Streamlining). Ongoing - 200+ professionals trained to date. (2 days)

PREPARING THE NEXT GENERATION OF PROFESSIONALS

- Context Sensitive Solutions (CSS) Summer Academy for Undergraduates & NCDOT Summer Internship Program (Summer 2007)
- CSS Graduate Civil Engineering Course at North Carolina State University (Fall Semester 2006-07)

CONFERENCES & WORKSHOPS

- Coming Up! Transportation, Land Use, Planning, and Air Quality Conference, July 9-11, 2007 (Orlando, FL)
- AASHTO/FHWA Context Sensitive Solutions Strategic Planning Meeting, October 26, 2006 (Portland, OR)
- AASHTO/FHWA Peer Exchange: Context Sensitive Solutions, September 6-8, 2006 (Baltimore, MD)

RECENT BROADCASTS

- Overview of the Final Rule on Metropolitan and Statewide Transportation Planning, Part 4 of 4 of the SAFETEA-LU Series, April 19, 2007
- 2007 Clean Air Act Update, April 5, 2007 (CTE Re-Broadcast of EPA-OAOPS Program)
OTHER ATTACHMENTS