# TABLE OF CONTENTS

Minutes of the Business Meeting ................................................................. 1
Appendix A – Meeting Agenda ................................................................. A-1
Appendix B – Meeting Attendees .............................................................. B-1
Attachment C – Critical Issues in Transportation ................................... C-1
Attachment D – Web-Site Subcommittee Report .................................. D-1
Attachment E – 2006 Summer Meeting Announcement ....................... E-1
Attachment F – Summary of CTE Activities ........................................ F-1
Attachment G – Green Highway Initiatives .......................................... G-1
ENVIRONMENTAL ANALYSIS IN TRANSPORTATION
ADC10 COMMITTEE BUSINESS MEETING
TRB 2006 ANNUAL MEETING
MONDAY, JANUARY 23, 2006
7:30 PM – 9:30 PM
Hilton Hotels and Towers, Map Room
Washington, D.C.

MINUTES

The meeting was called to order at 7:30 PM by Mark Kross, Committee Chairperson.

1) Introduction of Members and Friends of the Committee
Members and guests introduced themselves and stated their professional affiliation and their status related to the committee. Appendix A contains the meeting agenda and Appendix B contains the list of attendees.

Mark welcomed the Committee and Friends and acknowledged the challenge of a two-hour meeting. Mark invited Kate Quinn and Kim Fisher to speak.

2) Remarks by Section Chair for Environment and Energy – Kate Quinn
Kate Quinn introduced herself as Section Chair (ADC00 Environment and Energy). This is one of seven committees in her section. Kate replaced Tom Weck as Section Chair. Wayne Kober was the Section Chair before Tom.

Kate reported that she is attending some Committee meetings and looking at what is important to the Committees. TRB is starting the effort for its 3-year strategic plan. TRB will be looking for input including performance measures. The Committee, Mark reported, does not have a specific document related to the strategic plan, other than the Triennial Self Evaluation (TSE). Therefore, if you get a query from TRB, respond quickly so you can influence the plan.

In addition, when everyone registered they should have received a pamphlet on Critical Issues in Transportation which identifies some focus areas for TRB (see Attachment C or http://www.trb.org/news/blurb_detail.asp?id=5786). TRB is taking this information for next year’s theme, Changing Transportation, which will focus on three areas:

- Finance,
- Institutions, and
- Workforce needs.

During the section meeting Kate will discuss how each committee can implement this theme. Kate will also discuss at the section meeting the possibility next year of one
session that would look at these three themes from the perspective of all the Environment and Energy subcommittees.

Cross-fertilization is another big issue. ADC10 seems to do a good job, but Kate wants to push more working with other subcommittees, particularly those you may not have thought of working with such as engineering or legal committees. Mark Kross commented that the schedule this year had lots of overlaps and made such collaboration difficult. Kate agreed and will get back to everyone and see if it can be spread out a bit.

Another issue for TRB is diversity in the committee structure - age, minorities and females. Kate will get back to the Committee with information on how it is split for the Section.

On Sunday there was a new member/young member meeting. Kate was the only section member there. Kate will be pressing that next year that there will be more section member volunteers. This year, Mark said, there was conflict with a workshop.

In addition, Kate said that TRB is relooking at raising the young member age limit. Kate said that one committee suggested engaging the local universities in helping with summer meetings or tapping into local firms with new and young potential members. The bottomline is to:

1. Tap into young professionals in all areas of transportation, and
2. Keep TRB vital.

Tom commented on the “raising the age issue” by looking at when folks starting coming to TRB. Mark said that there are young members on the Committee. There are two young members allowed for each committee. Also looking at global membership, Kate suggested it is an area the committees should pursue. Mark noted that there were two international presenters in one of the sessions. Kate is also looking for volunteers to help with a conference in Greece in 2008.

3) Remarks by TRB Staff Liaison – Kim Fisher

Kim Fisher is the outgoing TRB staff and has been the Committee TRB liaison for 3 years. Christy Gerencher is the incoming TRB liaison. Kim’s handouts (organization chart, summary of research programs, new programs from TRB regarding SAFETEA-LU, conference notification and so forth) were previously distributed by Mark.

Kim reported that last year there were some “complaints” regarding the Environmental Mega-poster session so they have mixed up a bit with changed orientation and tables. Kim said that 46% of the papers are being presented in a poster session. Kim requested comments on the poster session. Someone commented that during the morning session there were problems with the lights. Craig Casper suggested one page take-away summary and presence of person (TRB requests only 1 ½ hours) with the poster.

Kim reported on membership. Kim said that Mark needs to rotate off Committee members this year. Every 3 years one-third of the members must rotate off. Those
members with more than 9 years on the Committee need to rotate off. This is problematic for some committees as much of the leadership will rotate off, but this will be adhered to this year. Kim requested everyone’s support of Mark.

4) Review and Approval of Minutes of September 11, 2005 Business Meeting

The minutes of the Mid-Year Business Meeting held in Santa Fe were approved as distributed without discussion.

Wayne Kober requested that the minutes be distributed within 30 days after the meeting so that action items can receive attention. Mark and Susan Killen, Secretary for ADC10, agreed to shoot for that target. Meanwhile an action list will be compiled and send to those members responsible for an action item.

5) Remarks of the Chair – Mark Kross

Mark recounted the contents of Kim Fisher’s handout (Mark distributed to the Committee in advance of the meeting). Mark said the handout was used at Andy Fekete’s Subcommittee meeting that morning for topics such as research. Mark reminded the Committee that research can be submitted anytime, but suggestions for research synthesis are due February 17th (due to Mark February 16th) so keep that timing in mind.

AASHTO may consider some additional research needs which will be routed to Mark and he will route to Gary McVoy and others. Gary commented that they have the 25-25 Research Program for SCOE, but they are not getting many research requests. The research needs requests due in February only require a submittal of a research idea statement which is around one-page. Gary recommended working through SCOE if possible.

Joe Shalkowski asked what happened to the suggestions that the participants in the Sunday NEPA workshop submitted. Mark responded that these were all given to AASHTO. Joe also noted that there are the results of the 2002 Environmental Needs Conference that can be used.

a) Sessions and Workshops Sponsored/Cosponsored by ADC10

There were three concurrent workshops on Sunday:

- Green Highways Initiative;
- Managing the NEPA Environmental Process. This was held in conjunction with the AASHTO Standing Committee on the Environment which did the work for it. Research suggestions were recorded and submitted to AASHTO. All documents will be on the Center for Environmental Excellence web-site; and
- Wildlife and Highways. Tom Linkous said the session was successful, but did not get audience that they hoped – was preaching to the choir. The material will be on Fish and Wildlife Service web-site.
Mark noted workshops do not count against the Committee’s allotment of sessions. We need to start to think about 2007 workshops. The Committee does not have an Annual Meeting Subcommittee but it is something to give some consideration. The ADC10 surveys that were submitted should help identify people to help.

ADC10 sessions that were held at the Annual Meeting included:

1. *When Is Tiered Environmental Documentation Effective?* Monday, January 23, 2006, 1:30 pm - 3:15 pm. It was sponsored by Committee on Environmental Analysis in Transportation and the Committee on Guided Intercity Passenger Transportation. Mark noted the positive partnership with Marilyn Duffey with Guided Intercity Passenger Transportation Subcommittee and hope to stay involved with them;

2. *Environmental Analysis in Transportation* with Jim Bach presiding, Monday, January 23, 2006, 3:45 pm - 5:30 pm. It was sponsored by Committee on Environmental Analysis in Transportation and offered the best papers received by the Committee which included the following:
   - Environmental Assessment of Freight Transportation in the United States
   - What Influences Length of Time to Complete NEPA Reviews? Examination of Highway Projects in Oregon and Potential for Streamlining
   - Integrating Planning and NEPA: Linking Transportation and Land Use Planning to Indirect and Cumulative Impacts
   - Environmental Impact Assessment as Decision-Making Process: Case Study of Transportation System in Tourist Area in the Italian Alps

3. *Environmental Poster Mega Session* Tuesday, January 24, 2006, 9:30 am - 12:00 pm. It was sponsored by Environment and Energy Section; Committee on Environmental Analysis in Transportation; Committee on Transportation and Air Quality; Committee on Transportation Energy; Committee on Alternative Transportation Fuels; Committee on Transportation and Sustainability. ADC10 had one poster on environmental screening (Florida) and one Committee poster; and

4. *Land Noise and Animal Impacts* Tuesday, January 24, 2006, 7:30 pm - 9:30 pm. It was sponsored by Task Force on Ecology and Transportation; Committee on Environmental Analysis in Transportation; and Committee on Transportation-Related Noise and Vibration.

b) **Review of Committee Organization, Workloads, and Calls for Support**

i) ADC10 Survey

Mark said that the survey had been distributed and explained its use, helping to sort out interests and reviewing TRB issues such as critical issues in transportation. Ron DeNadai distributed to those who had not filled out. They were emailed to the Committee and Friends. The survey will really help
Members and Friends to step up and set priorities for their interests. Joe Shalkowski commented that the survey seemed very complete and comprehensive. Mark said he worked to incorporate all suggestions on the survey questions and format. Mark will also take the attendance list and reconcile with people who are here for the first time to add to the list. Susan reminded people to sign-up for the Friends List.

ii) Committee Membership Turnover
All members must be considered for reappointment or “termination”. TRB is really holding to 9-years-as-a-member rule in most cases. Chairs are exempt from this rule.

About 60 members filled out the survey, indicating their interest in membership. Therefore, there is a good pool of candidates in addition to the existing members for 2006-2009. So far there are no young applicants.

*Emeritus candidates?*
Emeritus candidates must have 18 years of committee service. One ADC10 member has 18 years of service and roughly half the Committee has been on more than 9 years.

Mark is considering requesting justification for waivers of the 9-year rule for ongoing membership continuity. Tom Linkous has similar situation on his task force (ADC30T). Doug Smith asked if a member who was on for 9 years and now off the Committee could rotate back on the Committee. Mark did not have the answer. [No] However, Mark said that being a Friend of the Committee does not count for service.

Mark will make recommendation to TRB for new Committee membership by February 15th. Then TRB gets back to Mark and an offer is made to the membership candidates. The selected candidates need to sign the paper agreeing to be a member. Therefore, if you receive a letter selecting you as a member, please sign it and get it back.

Tom Weck noted that the smooth running of the Committee should be considered in membership rules and selection. The Committee should get what is needed to have the Committee function well. He further noted that he considered if a State DOT staff would only get to go if they were a member. Tom said occasionally Committee funds were used to underwrite attendance. Mark again reminded everyone to fill out survey.

e) Other TRB Issues
i) TRB Critical Issues

(1) Kate Quinn already articulated some of the issues (see #1 on page 2).
(2) Mark asked the Committee for its thoughts on the later meeting dates in January (after Martin Luther King holiday) beyond next year. Next year the Annual Meeting will be at the later dates. Based on a hand count most of the Committee favored, but Carol Roalkvam pointed out that many state legislatures go into session and it may conflict with the later dates and the ability of staff to attend TRB. In addition, Sean Furniss noted that the deadlines for preparation for materials for TRB did not change with the later dates (only 4 weeks and not 8 weeks).

(3) Mark reported that there were 8,600 attendees that pre-registered and maybe with on-site registration the conference may push 10,000 attendees.

(4) Mark listed TRB’s nine critical issues in transportation: congestion, emergencies, energy and environment, equity, finance, human and intellectual capital, infrastructure, institutions and safety. Each of the nine issues is amplified in Critical Issues in Transportation (see Attachment C). Mark noted that energy and environmental is mostly about petroleum, energy and not much on environment. Mark had previously commented that it needed to be more comprehensive. He said there is a home for the Committee in some of the other issues such as infrastructure (working to replace) and emergencies, human and intellectual capital and equity. The Committee may have to dig a bit for its niche in this report.

ii) Strategic Plan

Mark told the Committee that it needs to start thinking about the update of TRB’s Strategic Plan. TRB have one data gathering input on technical activities as well as strategic plan. Key focus on the planning effort will be on services, constituencies and resources. TRB will outreach to stakeholders with surveys focus groups, survey questionnaires and other approaches. Mark will forward opportunities for Committee input when they arise. TRB’s goal is to produce an approach to the Strategic Plan by January 2008.

iii) Unmet Transportation Information Needs

Mark covered the transportation information needs assessment. SAFETEA-LU mandated a transportation information needs assessment. The results of the TRB study will have an effect on transportation policy and funding. Mark said this also will work into management of information and the environment. To determine what information is out there and what is needed, each committee is being asked (Mark will send to the Committee and friends and ask these same questions):

1. What are key unmet transportation information needs for you as defined as follows?
   - Unmet – not currently available and accessible
   - Not of quality needed to support design quality and information
2. What are the likely sources of this information including both public and private sector sources?

Mark reported that there is a Transportation Information Needs Assessment Study. This study is a TRB-wide collaborative effort. Its goal is to identify data necessary to improve the quality of transportation analysis and decision making so that policies and funding for the collection of transportation data can be secured in the future. The Committee is to provide input on unmet transportation information needs and likely sources of such information. He asked the Committee to use the web based survey site immediately after the meeting. This will serve as foundation for further internal work. Mark said the website accepted input until February 17.

Mark will send the web-site along to Members and Friends to provide input back to him. The URL is www.nustats.com/TRB4/.

6) Subcommittee Reports

a) Steering – Chair, Kim Gambrill (given by Mark Kross)

Kim’s report discussed the Committee rotation. In January 2003, eight new members were added to the Committee. He has identified approximately 60 potential members. By mid-February Mark needs to get names to TRB and TRB will send letters to new members by March 2006 and terms will begin on April 15th.

The Committee’s Mission Statement, adopted in 2001 in St Louis, Missouri, needs to be modified as necessary and adopted at the Mid-Year Meeting in Seattle, Washington. The subcommittee goals need to be updated every four years, staggering the updates, if possible. With minor modifications, the goals and objectives of the Environment Stewardship Subcommittee, and the Mid-Year Workshop Subcommittee were adopted in Santa Fe in 2005. In 2006, the goals of the Steering Subcommittee, the Liaison Subcommittee and the Publications Subcommittee need to be updated. Every effort will be made to bring these up to date for the Mid-Year Meeting.

b) Natural Resources & Environmental Stewardship – Chair, Andy Fekete

i) Andy reported that 20 people attended the Subcommittee meeting. The Subcommittee talked about the goals and objectives discussed at the summer meeting and relationship of the Subcommittee’s goals and objectives with the Ecology and Transportation Task Force. The Natural Resources and Environmental Stewardship Subcommittee will continue as it is. The Natural Resources Subcommittee covers broader areas such as watershed management and stormwater management.

ii) Andy said that mapping and GIS and linking planning and NEPA were also brought up at the meeting. He cited the Maryland paradigm with
Green Highways and a watershed element. CSS and context for a project area lies embedded in plans of others such as agencies and resource groups. Therefore, we need to find out what other agencies are planning and marry the two – transportation and resource planning. He asked, “Who is looking at this in a comprehensive way?” To get an answer the Subcommittee developed three action items:

- Draft problem statement in synthesis format to see what is the state of the art and submit to Mark before the deadline for research topics;
- Work with Seattle summer conference planners to have an agenda that touches on this topic – showcase on the west coast examples, if possible.
- See if there can be a session for next January to exploit the topic in a more formal and aggressive way maybe including a call for papers.

Wayne said that Project 08-38, *Consideration of Environmental Factors in Transportation Systems Planning*, was just released. It did not, however, address linking NEPA and Planning. He did suggest that the Committee should nevertheless look at the data which is about 3 years old.

Tim Hill said that under Project 08-36, Task 3, *Improved Linkage Between Systems Planning and the NEPA Process*, is coming out in month.

The Committee continued the discussion. Denise Rigney added that the whole idea of watershed planning is to integrate planning. Craig Casper said MPOs should be looking at all plans. The 2005 planning rules require agencies need to link. Andy Fekete then further clarified the intent of the problem statement and potential research. Mark noted that the same issue came up in Santa Fe in 2004 when AASHTO had a workshop on Section 106. Tom Linkous amplified what had been said.

Fred Skaer noted that there is cooperation between the federal agencies. The publication, *Eco-Logical: An Ecosystem Approach to Developing Infrastructure Projects (Eco-Logical)* is coming out as soon as two more signatures are obtained in the next few weeks (http://www.environment.fhwa.dot.gov/ecological/eco_index.asp). *Eco-Logical* offers a non-prescriptive approach to making infrastructure more sensitive to wildlife and ecosystems through greater interagency cooperative conservation.

c) Liaison – Chair, Jim Bednar

i) Jim asked for signups for liaison roles with other subcommittees. He requested liaisons to hold their reports since there was limited time for the Committee meeting unless there was something to report that was time sensitive. The role of liaison is important as TRB grows so we are all kept
informed. Get other information to Susan Killen for minutes and to Craig Casper for the newsletter. Jim distributed a sign-up sheet for liaisons.

ii) Gary McVoy reported that the Environmental Maintenance Subcommittee will meet Tuesday at 1:30 PM in Adams Room in Hilton. Highway Noise Subcommittee also will meet at 1:30 PM in the Hilton. The full Noise and Vibration Committee will meet Tuesday evening.

iii) Pat Trombly reported that the Transport and Energy and Transportation and Alternative Fuels Subcommittees both had summer meetings. They will have a session Tuesday evening (#589).

iv) Kathy Ames reported that The Context Sensitive Design (CSS) Task Force will meet Tuesday morning. The CSS Task Force has sponsored a number of sessions and will do an article for newsletter.

v) Bob Tatman reported for ADC60 (Waste Management in Transportation). He said their newsletter is on line. ADC60 would like to get more actively back in touch with the ADC10 Committee as many issues affect both committees. Next July, the ADC60 Committee will meet in Chicago. Mark complimented the ADC60 Committee for its activities. Bob said they are going through a name change – Waste Minimization, Recycling and Management Systems.

vi) Marcia Bowen reported that Marilyn Duffey’s Subcommittee on Environmental Matters in Guided Intercity Passenger Transportation will meet on Tuesday morning. Environmental Impacts in Aviation also will meet on Tuesday morning.

vii) ABJ60, Geospatial Planning, will have GIS-T Symposium - Columbus Ohio, March 27 through 29 - for their mid-year meeting. They are looking for topic areas to focus on relative to using GIS in transportation.

d) Web-Site – Chair, Dan Wallace (given by Chris Gesing)

Chris reported that there has been a major overall on web-site. During the last few months he is in a maintenance mode and some additions such as goals and objectives, published report on summer meeting with permission of BNA. Dan will post the approved minutes, update the member roster and provide summer meeting information. Mark asked if we can add presentations that were given at the meetings and Chris responded in the affirmative. Ron DeNadai would like have a link on the site to other associated materials.

Mark extended thanks to Michael Baker and CTE for their association with the website.

The Web-Site Subcommittee Report is attached (see Attachment D).
e) Mid-Year Workshop – Chair, Ron DeNadai

i) The 2005 Summer Meeting was held in Santa Fe in September. The Committee finished financially in black. Terry Klein was the chair for the conference and used a new format - facilitated. There were more than 320 attendees. The conference included a visit to Taos Village. On behalf of the Committee, Ron extended thanks to Terry and the New Mexico DOT. Ron will have the proceedings posted.

ii) The 2006 Summer Meeting will be held in Seattle at the Crowne Plaza (Downtown Seattle at 1113 Sixth Avenue) 10\textsuperscript{th} through 13\textsuperscript{th} (see Attachment E). Martin Palmer is the organizing the conference on behalf of the Washington State DOT. Carol Lee Roalkvam was present on behalf of WSDOT. The state/government rate for Seattle is $125. Ron asked if anyone would have a problem with that rate or registration and no one indicated that it would be problematic. Ron will speak with Carol Lee after the meeting. Included in the conference will be a salmon bake at Kiana Lodge on Agate Passage. More information will be posted on the ADC10 web site.

iii) The 2007 conference will be with AASHTO/SCOE. Candidate states thus far for the conference are New Jersey and Mississippi. Craig asked about possibly of crossing with the National Association of Environmental Professionals (NAEP) annual conference. NAEP has a Transportation Working group (TWG). This will be put under consideration for some future date.

f) Newsletter – Chair, Craig Casper

Craig reported that the newsletter was not able to go out as planned in December. After several requests from Craig, there are only three articles submitted for the newsletter. Mark asked everyone to please help Craig with more items. The Members and Friends’ surveys indicate some interest in helping with the newsletter. Mark asked anyone who wants to help and has not done so to fill out or change their survey response.

g) Research Topics – Chair, Dianna Noble (given by Joe Shalkowski)

Joe reported on ongoing research-on-the-research with topics for future 25-25 which the Committee might want to draw on for future presentations and workshops. In addition workshop attendees on Sunday submitted research needs. These could be used as a basis for the call for papers.

i) The question remains – do we need a Research Needs Conference?

Tim Hill said there are enough research tools in the toolbox with the Center for Environmental Excellence and TRB and so forth. Now the goal is to be more strategic - dividing up the goals and identifying where each goal can be accomplished between TRB, AASHTO, FHWA and others.
At the end of May there will be a comprehensive research list/database of what has been and needs to be done and more importantly a good baseline for the future so as research is considered it can be added to the list. Tim said that this will need to be a topic for the Mid-Year Meeting session that the Committee will need to spend some time going over.

Joe agreed that research will be topic for a session at the Mid-Year Meeting - maybe even need a day or half a day. It will also identify if a research conference is needed. However, if the Committee waits until July then a research conference cannot be ready for 2007. Mark is saying 2007-2008, but may need to focus on how this can move forward. Pat Trombly asked how the screening of topics will be done. Tim replied that the list will assess if the topics will remain and others may have to be screened at the Mid-Year Meeting.

Leni Oman, Washington State Department of Transportation - Director of the Transportation Research and Friend of the Committee, said she is very interested in what the Committee is doing. She reminded the Committee of the database that TRB manages. TRB did survey of all the State DOT research committees a year and half ago and Leni can get all the information to the Committee. Leni also offered to be a liaison to that community. Joe requested that, as a Friend, Leni be added to the list of Research Subcommittee members.

Fred Skaer noted that under environmental research, SAFETEA-LU is requiring more collaboration and stakeholder involvement before money (approximately $17 million) can be spent. FHWA is still putting together the proposal for how it will be done. Mark said the TRB Conduct of Research Committee with Laurie McGinnis, Chair, may be another source of information. Mark will circulate the PowerPoint handout that was presented at the meeting the previous evening.

Tom Linkous asked if the other committees that participated in the Research Needs Conference will be involved. The response was “yes”. Carol Cutshall noted that Tom was chair of the Environmental Needs Conference and said that 2007 will not be realistic, as there needs to be enough time to adequately plan. Fred Skaer commented that the timing seems right with the STEP program information coming on line. James Martin echoed the comments.

Mark said that the Committee needs to remember that the “R” in TRB is research and he appreciated all the help of AASHTO. Chris Gesing asked of there could be link from the ADC10 web-site to the database. Tim Hill indicated that one would be provided to Chris.
h) Publications – Chair, Jim Bach

Mark thanked Jim for presiding at the ADC10 paper session earlier in the day.

Jim reported that TRB received 2,900 papers this year and 530 were received by the general planning and environmental Committees. The ADC10 Committee received 12 papers for review with 37 reviewers. There were three international papers. Four papers were selected for presentation. One of the papers was on the topic of “Linking NEPA and Planning.” Two papers will be published from this Committee for the TRB proceedings. This will be based on the ratings of the papers from the reviewers.

Potential 2007 Paper Topics

There will be a call for papers in March. This will be posted on the TRB web-site and sent to the list of contacts, including the Committee and Friends as well as academic institutions. There have been some suggested topics. Jim invited recommendations. After submitting recommendations to Mark the call for papers will be issued in March.

7) CTE Activities – James Martin, Center for Transportation and Environment (CTE)

James passed out a one-page summary of activities (see Attachment F). He introduced Downey Brill, CTE’s Director who was appointed in November 2005. He was the Chair of Civil and Environmental Engineering at North Carolina State University. He has an interest in general mathematical modeling of environmental systems. John Fisher, former CTE Director, retired.

In the area of research, James reported that there are several on-going projects including one in the area of Environmental Implications of Current Domestic Trends in Goods Movement, Integration of Context Sensitive Solutions in the Transportation Planning Process, and Best Practices Guidebook for Greenhouse Gas Reductions in Freight Transportation.

In addition, CTE was awarded Multi-Disciplinary Teams in Context Sensitive Solutions under TCRP Synthesis 20-05, 37-01. This synthesis will locate and assemble documentation of current and emerging successful practices, including case studies and guidance to further enable appropriate, cost-effective, and successful integration of multi-disciplinary professionals and other stakeholders into the planning and project development process to inform and influence context sensitive transportation design/solutions. The completion date is set for December 2006.

CTE co-hosted the second of a series of workshops on Impacts of Global Climate Change on Hydraulics, Hydrology and Transportation with the next one in March 2006 in Washington, DC. CTE has commissioned seven white papers that address different aspects of this topic. Presentations will be made by those authors at the workshop and some of them may present at next year’s Annual TRB Meeting and some other venues.
Regarding the work of “Recruiting the Next Generation of Professionals”, CTE, at the university level, has opportunities to work with graduate and undergraduate students in not only engineering but across a broad section of students. These efforts include the CSS (Context Sensitive Solutions) Academy in summer in Raleigh and CTE is midway through developing a graduate CSS course to be offered in fall 2007. CTE is working with a steering committee of seven universities across the country. A form of the CSS course will be offered at those universities.

Regarding “Workforce Development”, CTE has facilitated CSS training. CTE provided CSS training in North Carolina with 45 training sessions for upwards of 1,300 staff, resource agencies and consulting engineers. CTE is developing CSS training courses for staff in maintenance and operations. In the area of pre-construction and planning, CTE is looking at how to take a CSS approach to day-to-day work. A course has been developed in Community Impact Assessment and will be delivered five times in 2006: in Alaska, Illinois, Nebraska, North Carolina and Pennsylvania. CTE has been working with the AASHTO Center for Environmental Excellence to put on a conference in CSS in Baltimore.

The International Conference on Ecology and Transportation (ICOET) was held in San Diego in 2005 and the proceedings are available. Planning has begun for the 2007 conference in Little Rock, Arkansas.

Katie McDermott has worked with FHWA on the Domestic Scan Tour on Wetland Mitigation that is close to being finalized.

A teleconference series is planned for 2006. The final agenda is not out yet. Topics include the Planning and Environmental Provisions of SAFETEA-LU in spring, Wetland Scan, and Bike-Ped Interactions.

Mark commented that CTE was formed in 1991 with ISTEA and has always been at the table with the Committee since it was formed. Mark recognized John Fisher, James Martin, Katie McDermott and Downey Brill, the new director. CTE has been reauthorized in the SAFETEA-LU UTC Program. CTE hosts ADC10’s web-site.

8) Report from FHWA Office of Project Development and Environmental Review
   – Fred Skaer

Fred reported that FHWA has been preoccupied with implementing SAFETEA-LU. There is more of a focus on environmental issues in SAFETEA-LU as compared to earlier reauthorizations. Fred reminded everyone to keep watching the FHWA SAFETEA-LU web-site for the most current SAFETEA-LU updates. FHWA’s philosophy is to implement most of SAFETEA-LU through non-regulatory guidance. However, they have been instructed to issue regulations on a number of things. These are underway.

FHWA continues to emphasize FHWA’s strategic objectives – “Vital Few”. These include environmental stewardship (including exemplary ecosystems) and environmental
streamlining. FHWA continues to work on quality decision-making with initiatives such as Context Sensitive Solutions (CSS) and timeliness and reliability of environmental review processes. There should not be any changes in direction on these issues.

The Eco-logical Handbook will be coming out shortly - primarily on the web (see 6.b.ii for link).

There is a three-pronged effort on improving quality of environmental documents working with AASHTO/SCOE/ACEC. There are three task forces: 1) documentation, 2) legal sufficiency, and 3) education and training. The drafts of these task force deliverables are available for review. Mark has distributed them to the Committee and Friends. Comments are due in February.

The last item Fred reported on was the Green Highways Initiative. FHWA is closely working with EPA. The Green Highways Initiative started in the Mid-Atlantic area. This has engagement from folks in the industry such as concrete industry (see Attachment G). Pat Trombly said that Waste Management Committee talked about Green Highways at their Committee meeting and it was also discussed at the Hydrology and Ecology Committee meeting. This may be a prime opportunity for another workshop. Mark directed her to talk to Jim Bednar to see about opportunities to work with other committees on this initiative.

Fred Banks has retired and Carol Atkins has moved into Fred Banks role. She will continue to be very active on many of FHWA’s initiatives.

9) AASHTO Report/Center for Environmental Excellence – Shannon Eggleston
Shannon reported that Friday evening they launched their updated web-site (http://environment.transportation.org/).

The Center for Technical Excellence is in the pilot phase of Environmental Management Systems (EMS) which will be completed over the next few months. At the end of the pilot phase they will develop a technical program that will be offered to all of the states.

In 2005, AASHTO’s Center for Environmental Excellence held a Best Practices in Context-Sensitive Solutions (CSS) competition. AASHTO received 75 applications from 33 states. Three winners and seven notable practices were selected from across the United States. There will be a 2006 competition. Best practices in CSS can be found on the web-site. There will be a national conference in Baltimore, Maryland on September 6th through 8th. In addition, AASHTO is developing a peer-to-peer exchange on CSS.

AASHTO just posted on their web-site, the report on DOT-Funded Positions at Resource and Regulatory Agencies for Environmental Stewardship and Streamlining Initiatives (http://environment.transportation.org/center/products_programs/dot_funded.aspx) which presents information on improvements to project delivery, trends in funded positions, the distribution of funded positions amongst resource agencies, administrative aspects of funding arrangements, performance measures and lessons learned.
The NCHRP Project 25-25 (04) Final Report Environmental Stewardship Practices, Procedures, and Policies for Highway Construction and Maintenance was released on September 21, 2004. This is on the CEE web-site.

There are three draft Practitioners Guides which will be available shortly and were covered in the Sunday NEPA workshop. These are: 1) Creating an Administrative Record, 2) Responding to Comments on an EIS, and 3) Evaluating Full Alternatives. These will be on the web-site very soon.

A library of Programmatic Agreements is underway and will be on the web-site.

The Annual SCOE Meeting will be a joint meeting with SCOP in San Diego June 12th through 15th.

Mark complimented Shannon Eggleston and her predecessor, Kris Hoellen, for all their work.

10) 2007 (?) Environmental Management Conference – (see also #6.g)

Wayne Kober reported that a 2007 National Environmental Management Conference is proposed. Wayne cited the Dallas Airport that has put into place a very complex EMS. The airport is offering to host an environmental management conference (not necessarily just EMS) in 2007. The morning of the Committee meeting Wayne met with the Waste Management Committee and they supported the conference. It may be their mid-year meeting. Wayne is looking for interest in helping put together the conference. Other committees interested could be Aviation, Transit and Highways and so forth. In addition, he will try to bring in TXDOT as a co-sponsor. Wayne would like to have ADC10 also consider co-sponsoring the conference. There would be 300-500 attendees. This will not be a global conference. Mark received a message from Frank Pafo, environmental manager, saying that the Minnesota DOT (MnDOT) has offered Minnesota as the site for an all-environmental conference in 2009. Wayne acknowledged that this was a good opportunity. Mark will forward the information from Wayne to the Members and Friends.

11) Open Roundtable Discussion

In other business, Wayne Kober recognized Kim Fisher for her good work as TRB’s Committee Liaison. He suggested that the Committee provide a token of its appreciation - a nice letter from the Chair and a gift.

Mark asked for at least 5 minutes (time: 9:54 PM) for discussion before adjourning the meeting.

Craig Casper said that environmental contact list (2004 Directory of State Transportation Agency and Federal Highway Administration Environmental Officials: http://itre.ncsu.edu/ADC10/docs/FINALTRBDirectory2004Updated.doc) has not been updated for a couple of couple of years. The challenge is to keep the list up to date. This can be a difficult task and Craig suggested that the Committee ask for help from new
members. Mark asked Chris Gesing if the directory could be on the web-site. Chris said that it is on the web-site now but could be made more active with frequent updates. Mark directed Craig Casper and Chris Gesing to get together to discuss and implement an action plan. Amy Phillips added they have been updating the DOT contact list on the AASHTO web-site and would be glad to share.

Mark thanked everyone for staying so late. He explained that every so often each Committee must take a turn and have a shorter night meeting. We should be back to a 4-hour day meeting next year.

In addition, Mark reminded Members and Friends to get back their surveys. He also wanted to get more names of candidates for young members and foreign members as soon as possible.

The Chairman adjourned the meeting at 9:57 PM.
APPENDIX A – MEETING AGENDA
AGENDA
ENVIRONMENTAL ANALYSIS IN TRANSPORTATION
ADC10 COMMITTEE BUSINESS MEETING
TRB 2006 ANNUAL MEETING
MONDAY, JANUARY 23, 2006
7:30 PM – 9:30 PM
Hilton Hotels and Towers, Map Room
Washington, D.C.

1) Introduction of Members and Friends of the Committee (10 min)
2) Review and Approval of Minutes of September 11, 2005 Business Meeting (5 min)
3) Remarks of the Chair – Mark Kross (25 min)
   a) Sessions and Workshops Sponsored/Cosponsored by ADC10
   b) Review of Committee Organization, Workloads, and Calls for Support
      i) ADC10 Survey
      ii) Committee Membership Turnover
         (1) Emeritus candidates?
   c) Other TRB Issues
      i) TRB Critical Issues
      ii) Strategic Plan
      iii) Unmet Transportation Information Needs
4) Sub-Committee Reports (20 min)
   a) Steering – Chair, Kim Gambrill (given by Mark Kross)
   b) Natural Resources & Environmental Stewardship – Chair, Andy Fekete
   c) Liaison – Chair, Jim Bednar
   d) Web-Site – Chair, Dan Wallace
   e) Mid-Year Workshop – Chair, Ron DeNadai
   f) Newsletter – Chair, Craig Casper
   g) Research Topics – Chair, Dianna Noble
   h) Publications – Chair, Jim Bach
      i) Potential 2007 Paper Topics
5) CTE Activities – James Martin, CTE (10 min)
6) Report from FHWA Office of Project Development and Environmental Review – Fred Skaer (10 min)
7) AASHTO Report/Center for Environmental Excellence – Shannon Eggleston (10 min)
8) NCHRP Research Updates (5 min)
9) 2007 (?) Environmental Research Needs Conference (5 min)
10) Remarks by TRB Staff Liaison – Kim Fisher (5 min)
11) Open Roundtable Discussion (15 min)
APPENDIX B – MEETING ATTENDEES
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<thead>
<tr>
<th>Name</th>
<th>Agency/Company</th>
<th>Address</th>
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<tbody>
<tr>
<td>Will Griffin</td>
<td>Golder Associates, Inc.</td>
<td>3730 Chamblee Tucker Rd. Atlanta, GA 30341</td>
<td>770-496-1893</td>
<td></td>
<td><a href="mailto:will.griffin@golder.com">will.griffin@golder.com</a></td>
</tr>
<tr>
<td>Stephanie Miller</td>
<td>Parametrix</td>
<td>P.O. Box 360, Bumner, WA 98390</td>
<td>(253)307-3609</td>
<td></td>
<td><a href="mailto:smiller@parametrix.com">smiller@parametrix.com</a></td>
</tr>
<tr>
<td>Tim Hill</td>
<td>DOT</td>
<td>1980 West Broad St., Columbus, OH</td>
<td>614-444-0377</td>
<td></td>
<td><a href="mailto:tims@ohiodot.state.oh.us">tims@ohiodot.state.oh.us</a></td>
</tr>
<tr>
<td>Jim Bednax</td>
<td>CH2M Hill</td>
<td>5775 Perimeter Drive, Suite 190, Dublin, OH 43017</td>
<td>614-734-7144, ext 12</td>
<td></td>
<td><a href="mailto:jbednax@ch2m.com">jbednax@ch2m.com</a></td>
</tr>
<tr>
<td>Susan Killen</td>
<td>Parsons Brinkerhoff</td>
<td>999 Third Avenue, #2200, Seattle, WA 98104</td>
<td>206/382-5268</td>
<td></td>
<td><a href="mailto:killen@pnnworld.com">killen@pnnworld.com</a></td>
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<tr>
<td>Patricia Trombley</td>
<td>10 Park Plaza, Rom 7360</td>
<td>617-973-7309</td>
<td>617-973-8038</td>
<td><a href="mailto:Patricia.Trombley@HHD.state.ma.us">Patricia.Trombley@HHD.state.ma.us</a></td>
<td></td>
</tr>
<tr>
<td>Denise Highey</td>
<td>1650 Arch St, Paula PA</td>
<td>215-814-2726</td>
<td>215-814-2301</td>
<td></td>
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<tr>
<td>Nathan Bradbury</td>
<td>University of Idaho</td>
<td>208/699-3738</td>
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<tr>
<td>Marie Venner</td>
<td>1013 W. Canal St, Littleton CO 80120</td>
<td>303-798-5333</td>
<td>303-798-4338</td>
<td><a href="mailto:marie.venner@earthlink.net">marie.venner@earthlink.net</a></td>
<td></td>
</tr>
<tr>
<td>Dave Smith</td>
<td>819 Aviation Pky, Suite 1500</td>
<td>719-468-2129</td>
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<tr>
<td>Sandra Jacobson</td>
<td>Pacific SW, Research Station</td>
<td>707-825-2985</td>
<td>707-825-2901</td>
<td><a href="mailto:sjacobson@fs.fed.us">sjacobson@fs.fed.us</a></td>
<td></td>
</tr>
<tr>
<td>Randy Fuchs</td>
<td>Earth Tech, Inc, 1210 Fourier Dr, Suite 100</td>
<td>608-828-8155</td>
<td></td>
<td><a href="mailto:randy.fuchs@earthtech.com">randy.fuchs@earthtech.com</a></td>
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<tr>
<td>Carolyn Nelson</td>
<td>301 Fisher Bldg</td>
<td>734-716-9136</td>
<td>734-981-7508</td>
<td><a href="mailto:cnelson1@chz.com">cnelson1@chz.com</a></td>
<td></td>
</tr>
<tr>
<td>Chad Hill</td>
<td>Detroit, MI</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Brent Jensen</td>
<td>Box 148550, 4501 S, 2700 W, Salt Lake City, UT</td>
<td>801-965-4327</td>
<td>801-965-4564</td>
<td><a href="mailto:brent.jensen@utah.gov">brent.jensen@utah.gov</a></td>
<td></td>
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<tr>
<td>Utah DOT</td>
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<tr>
<td>John L. Metville Jr</td>
<td>465 East High St, Suite 100, Lexington, KY</td>
<td>859-234-3759</td>
<td>859-234-5764</td>
<td><a href="mailto:jmetville@wilbursmith.com">jmetville@wilbursmith.com</a></td>
<td></td>
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<tr>
<td>John L. Metville Jr</td>
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<tr>
<td>Downey Brill</td>
<td>Box 7908, Raleigh, NC</td>
<td>919-515-2352</td>
<td>919-515-8898</td>
<td><a href="mailto:brill@ncsu.edu">brill@ncsu.edu</a></td>
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<td>CTE / NCSU</td>
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<tr>
<td>Scott W. Dumcanson</td>
<td>207 Senate Ave, Camp Hill, PA, 17011</td>
<td>717-763-7212 x 2172</td>
<td></td>
<td><a href="mailto:dumcanson@qfnet.com">dumcanson@qfnet.com</a></td>
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<tr>
<td>Garrett Fleming Inc</td>
<td>(member CICA subcommittee)</td>
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<tr>
<td>Jothan Eggleston</td>
<td>444 N. Capitol St NW, Suite 49, Washington, DC 20000</td>
<td>800-624-3649</td>
<td></td>
<td><a href="mailto:eggleston@aashd.org">eggleston@aashd.org</a></td>
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<td>Katherine Holtz</td>
<td>15 Wyman St #27, Concord, NH 03301</td>
<td>603-513-1802</td>
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<td><a href="mailto:katherine.holtz@quantm.net">katherine.holtz@quantm.net</a></td>
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<tr>
<td>Joe Shalkowski</td>
<td>7675 Chevy Chase Dr, Bldg 95, Suite 200, Austin, TX 78752</td>
<td>512-314-1794</td>
<td>512-314-1793</td>
<td><a href="mailto:Shalkowskij@169sec.com">Shalkowskij@169sec.com</a></td>
<td></td>
</tr>
<tr>
<td>Sudhir Palce</td>
<td>176 Raymond Bldg, Lexington, KY 40509</td>
<td>859-257-2670</td>
<td>859-257-8177</td>
<td><a href="mailto:Sudhir@Tengari.uy.edn">Sudhir@Tengari.uy.edn</a></td>
<td></td>
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<tr>
<td>Andy Lindsey</td>
<td>Planning 16 SHS Augusta, ME 043330016</td>
<td>207 624 3291</td>
<td></td>
<td><a href="mailto:rujdy.lyndsey@maine.gov">rujdy.lyndsey@maine.gov</a></td>
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</tr>
<tr>
<td>Bansi Nemer</td>
<td>440 Park Ave South 5th Fl New York, NY 10016</td>
<td>646-383-9824</td>
<td></td>
<td><a href="mailto:Bansi-Nemer@akrf.com">Bansi-Nemer@akrf.com</a></td>
<td></td>
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<tr>
<td>Amy Fox</td>
<td>1760 Market St, Suite 510 Philadelphia, PA 19103</td>
<td>(215) 656-7054</td>
<td>(215) 656-7269</td>
<td><a href="mailto:amy.fox@phase.doe.gov">amy.fox@phase.doe.gov</a></td>
<td></td>
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<tr>
<td>Deane Ivanciu</td>
<td>9 Anowheal Rd, Convent Station, KY 07960</td>
<td>983-739-9460</td>
<td>973-428-8507</td>
<td><a href="mailto:Ivanciu@deanberry.com">Ivanciu@deanberry.com</a></td>
<td></td>
</tr>
<tr>
<td>Joseph Burns</td>
<td>4401 N. Fairfax Dr, Arlington, VA 22203</td>
<td>703 358-1712</td>
<td></td>
<td><a href="mailto:Joseph-Burns@fws.fgov">Joseph-Burns@fws.fgov</a></td>
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<td>Alison Berry</td>
<td>Un. of California/Davis</td>
<td>Un. of California/Davis</td>
<td>530-752-7653</td>
<td></td>
<td><a href="mailto:alanberry@ucdavis.edu">alanberry@ucdavis.edu</a></td>
</tr>
<tr>
<td>Paul Wagnel</td>
<td>WA State DOT</td>
<td>WSDOT, Environmental Services</td>
<td>(360) 705 7406</td>
<td>(360) 705 6833</td>
<td><a href="mailto:wagnerp@wsdot.wa.gov">wagnerp@wsdot.wa.gov</a></td>
</tr>
<tr>
<td>Mark Cheskey</td>
<td>KCI Technologies, Inc.</td>
<td>10 North Park Dr., Hunt Valley, MD</td>
<td>410-316-7805</td>
<td>410-316-7895</td>
<td><a href="mailto:mcheskey@kci.com">mcheskey@kci.com</a></td>
</tr>
<tr>
<td>Oliver Gao</td>
<td>Cornell University</td>
<td>Cornell University</td>
<td>607-254-8334</td>
<td></td>
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<tr>
<td>Gary McCusky</td>
<td>NY State DOT</td>
<td>WSDOT, Albany, NY</td>
<td>518-457-2224</td>
<td></td>
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</tr>
<tr>
<td>Deb Nelson</td>
<td>NYS DOT</td>
<td>Environmental Analysis Bureau</td>
<td>518-457-6887</td>
<td></td>
<td><a href="mailto:dnelson@dot.state.ny.us">dnelson@dot.state.ny.us</a></td>
</tr>
<tr>
<td>Mary Gray</td>
<td>FHWA</td>
<td>711 S. Capitol Way, Suite 101</td>
<td>360/753-4987</td>
<td>360/753-9889</td>
<td><a href="mailto:mary.gray@fhwa.dot.gov">mary.gray@fhwa.dot.gov</a></td>
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<tr>
<td>Jim Bach</td>
<td>100 Halsey St E. Orange NJ 07005</td>
<td>973-678-1960</td>
<td></td>
<td><a href="mailto:jbach@louisberg.com">jbach@louisberg.com</a></td>
<td></td>
</tr>
<tr>
<td>Kathy Ames</td>
<td>Office of Planning &amp; Programs</td>
<td>(217) 781-6352</td>
<td></td>
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</tr>
<tr>
<td>Jane Lin</td>
<td>312-896-3468</td>
<td>312-896-2426</td>
<td></td>
<td><a href="mailto:janelin@uiuc.edu">janelin@uiuc.edu</a></td>
<td></td>
</tr>
<tr>
<td>Carol Cutshall</td>
<td>411 Walnut St #2211</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Rathenn</td>
<td>411 10th Ave N Suite 1500</td>
<td></td>
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<tr>
<td>Jeff Hallman</td>
<td>788 NE Multnomah Suite 100</td>
<td></td>
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<tr>
<td>Laurie Cummings</td>
<td>2525 C St Suite 305</td>
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<tr>
<td>Leonard Bettes</td>
<td>2524 Kinnard Avenue, Henderson, NV 89074</td>
<td>(702) 837-1493</td>
<td>(702) 837-8493</td>
<td><a href="mailto:len.bettes@quantm.net">len.bettes@quantm.net</a></td>
<td></td>
</tr>
<tr>
<td>Joe Leindecker</td>
<td>501 N. Broadway St. Louis, MO 63102</td>
<td>314-335-4077</td>
<td>314-335-5141</td>
<td><a href="mailto:Joseph.Leindecker@Jacobs.com">Joseph.Leindecker@Jacobs.com</a></td>
<td></td>
</tr>
<tr>
<td>Lars Carlson</td>
<td>Two Center Plaza, Boston, MA 02108</td>
<td>617-744-4194</td>
<td>617-742-8830</td>
<td><a href="mailto:lars.carlson@jacobs.com">lars.carlson@jacobs.com</a></td>
<td></td>
</tr>
<tr>
<td>Gary Brown</td>
<td>7910 Woodmont Ave, Bethesda, MD 20814</td>
<td>301-657-4114</td>
<td></td>
<td><a href="mailto:gdozier@medio-te.org">gdozier@medio-te.org</a></td>
<td></td>
</tr>
<tr>
<td>Peter Dobbs</td>
<td>3915 Hurdale Drive, Suite 1302, Camp Hill, PA</td>
<td>717-731-9954</td>
<td>717-731-1670</td>
<td><a href="mailto:pdobbs@admarble.com">pdobbs@admarble.com</a></td>
<td></td>
</tr>
<tr>
<td>Julia Gamas</td>
<td>111 Kilsyth Road Apt. 3, Brighton, MA 02135</td>
<td>617 713 0091</td>
<td>617 713 0091</td>
<td><a href="mailto:jgamas@yahoo.com">jgamas@yahoo.com</a></td>
<td></td>
</tr>
<tr>
<td>Paul Tufts</td>
<td>19900 Governors Dr., Olympia Fields, IL 60461</td>
<td>708-283-3540</td>
<td>708-283-3501</td>
<td><a href="mailto:paul.tufts@illinois.gov">paul.tufts@illinois.gov</a></td>
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<td>D. Jean Tetu</td>
<td>5299 DTC Blvd Ste 840</td>
<td>303 221 7103</td>
<td>303 694 7867</td>
<td><a href="mailto:tete_jean@bah.com">tete_jean@bah.com</a></td>
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<tr>
<td>Alex Charpentier</td>
<td>35 St George St Dept of Civil Engineering</td>
<td></td>
<td></td>
<td><a href="mailto:alex.charpentier@utoronto.ca">alex.charpentier@utoronto.ca</a></td>
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</tr>
<tr>
<td>John Byun</td>
<td>10 S. Howard St., Suite 400</td>
<td>Ph. 410-962-0069</td>
<td>Fax 410-962-3419</td>
<td><a href="mailto:joon.byun@fhwa.dot.gov">joon.byun@fhwa.dot.gov</a></td>
<td></td>
</tr>
<tr>
<td>Buddy Desai</td>
<td>727 N. First St. Suite 400</td>
<td>314-421-0900</td>
<td>314-421-3927</td>
<td><a href="mailto:bdesai@ch2m.com">bdesai@ch2m.com</a></td>
<td></td>
</tr>
<tr>
<td>Bob Tatham</td>
<td>1500 Lake Shore Dr Suite 100</td>
<td>614-486-4383</td>
<td>614-486-4387</td>
<td><a href="mailto:BobTatham@Zande.com">BobTatham@Zande.com</a></td>
<td></td>
</tr>
<tr>
<td>Shari Schaffstein</td>
<td>400 7th St NW</td>
<td>202 366 5570</td>
<td></td>
<td><a href="mailto:Shari.Schaffstein@FHWA.gov">Shari.Schaffstein@FHWA.gov</a></td>
<td></td>
</tr>
<tr>
<td>Amy Phillips</td>
<td>1231 25th St NW</td>
<td>202 452 4578</td>
<td></td>
<td><a href="mailto:aphillips@bna.com">aphillips@bna.com</a></td>
<td></td>
</tr>
<tr>
<td>Kris Hoellen</td>
<td>Carl Conservation Way Shephardstown, WV 25443</td>
<td>304-876-7462</td>
<td></td>
<td><a href="mailto:khoellen@conservationfund.org">khoellen@conservationfund.org</a></td>
<td></td>
</tr>
<tr>
<td>Dirk Draper</td>
<td>19 S. Tejon, #500</td>
<td>719/477-4972</td>
<td></td>
<td><a href="mailto:dirk_draper@ch2m.com">dirk_draper@ch2m.com</a></td>
<td></td>
</tr>
</tbody>
</table>
Andy Fekele
RBA Group

Camille Mittelholz
US Dept of Transportation
Ofc of Asst Sec for Transportation Policy
Safety, Energy & Environment
400 7th St SW
Washington, DC 20590
202 366 4861
Camille. mittelholztz @ dot.gov

afkekele@rbagroup.com

(Friend)
Name: Thomas P. Dichiara
THE Louis BERCER Group, Inc.
ADC-10 - NO

30 A VREELAND RD.
Flushing N.Y., N.J.
07932 - 1909
(W) 973 765-1924
(FAX) 973 765-9627
TDichliara@LouisBerGur.com

Brian Kennedy
SEN
ADC-10 - NO

1325 Walnut St., Suite 201
Boulder CO 80302
303-441-3410
303-442-3139
bkellypho@sehinc.com
ATTACHMENT C – CRITICAL ISSUES IN TRANSPORTATION
The following are the activities since the September 2005 Summer Meeting in Santa Fe, New Mexico:

1. Added the Mid-Year Meeting Subcommittee Goals and Objectives approved at the 2005 Summer Meeting.

2. Added the Environmental Stewardship/Natural Resources Subcommittee Goals and Implementation Strategies approved at the 2005 Summer Meeting.

3. Posted the January 2005 Committee Meeting Minutes approved at the 2005 Summer Meeting.


5. Updated the contact information for the Mid-year Workshop Subcommittee Chair.


**Future Efforts**
- Keep the website updated with current events/news
- Maintain the listserv
- Post the approved minutes from the 2005 Summer Meeting
- Update the ADC10 Committee Member roster for the 2006-2009 Membership
- Update the ADC10 Committee on-line library (i.e. sponsored papers/publications)

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

Prepared and Submitted by:

**Christopher G. Gesing, P.E.**
Michael Baker Jr., Inc.
Airside Business Park
100 Airside Drive
Moon Township, PA 15108

for

**Daniel P. Wallace, P.E.**
Chair, ADC10 Website Subcommittee
Wallace & Pancher, Inc.
2371 Maria Lane
Hermitage, PA 16148
Transportation Research Board
2006 Mid-Year Workshop

Joint Session of the ADC10 Committee on Environmental Analysis in Transportation and ADC30T Task Force on Ecology and Transportation

Hosted by the Washington State Department of Transportation

July 9-12 at the Crowne Plaza Hotel

For more information contact:

Martin Palmer (206) 440-4548
palmema@wsdot.wa.gov

Ron DeNadai (215) 568-6500
rdenadai@hntb.com
ATTACHMENT F – SUMMARY OF CTE ACTIVITIES
CTE Update

January 2006

Located within the Institute for Transportation Research and Education at North Carolina State University, CTE 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 preserving the integrity of the nation's critical natural resources and the vitality and livability of its communities. www.cte.ncsu.edu

CTE works in close cooperation with state transportation departments and environmental resource agencies, universities and non-governmental organizations, the planning and environmental committees of the Transportation Research Board and the American Association of State Highway and Transportation Officials, and the Federal Highway Administration, Federal Transit Administration, U.S. Environmental Protection Agency, U.S. Fish and Wildlife Service, and USDA Forest Service. Current activities include:

RESEARCH SOLUTIONS
- Environmental Implications of Domestic Goods Movement
- Guidebook for Greenhouse Gas Reductions in Freight Transportation
- Context Sensitive Solutions (CSS) in Planning
- Impacts of Global Climate Change on Hydraulics, Hydrology, and Transportation
- Exploratory research and literature survey on linkages between social well-being and transportation

RECRUITING THE NEXT GENERATION OF PROFESSIONALS
- Context Sensitive Solutions (CSS) Summer Academy for Undergraduate Students
- CSS Graduate Civil Engineering Course
- Outstanding Graduate Student of the Year Program: 2006 Student of the Year – Liza Runey (NC)

WORKFORCE DEVELOPMENT
- Context Sensitive Solutions training (1,200+ professionals trained to date) (3 days)
- CSS training in Stakeholder Involvement in Construction, Operations, and Maintenance (1 day)
- CSS training in Stakeholder Involvement in Pre-Construction (3 days)
- FHWA Community Impact Assessment (CIA) training (AK, IL, MD, NC, PA, and WA) (2-1/2 days)

CONFERENCES & WORKSHOPS
- 2006 TRB Meeting Presentations: "Defining Context in Self-Discovery of Quality of Life Attributes Linked to Transportation Effects" (SUN-Hilton), "Integrating Planning and NEPA: Linking Transportation and Land Use Planning to Indirect and Cumulative Impacts" (MON-Hilton), and "CIA Practice: Where We've Been, Where We Are, Where We're Going" (TUE-Hilton)
- AASHTO Context Sensitive Solutions Conference, September 6-8, 2006 in Baltimore, MD
- Field Course on Wildlife Crossing Structures (Banff, Alberta, Canada, and Payson, AZ, USA)
- Deer-Vehicle Crash Reductions: Setting a Strategic Agenda (Madison, WI)
- Workshops to integrate planning/project development and environmental management processes (NC, LA, and TN)

PUBLICATIONS
- 2006 Proceedings of the International Conference on Ecology and Transportation
- Results of the 2005 FHWA Domestic Scan Tour of Successful Wetland Mitigation Programs
- Two CSS papers accepted for publication in Transportation Research Record No. 1904, Highway Facility Design

UPCOMING BROADCASTS
- CTE National Teleconference Series – 2006 topics in development: planning and environmental provisions of SAFETEA-LU, results of FHWA wetlands scan, new Section 4(f) Federal guidance, and bicycle/pedestrian/school transportation issues
- Beginning March 28, CTE is co-producing the Izaak Walton League of America 2006 Web broadcast series on alternative stormwater management practices for transportation agencies and private landowners
- CTE webstreams other agency broadcasts (e.g., USEPA's Air Toxics Now and Air Futures programs)

CTE Center for Transportation and the Environment
Institute for Transportation Research and Education
North Carolina State University Centennial Campus
Box 8601, Raleigh, NC 27695-8601
(919) 515-8893 www.itee.ncsu.edu/cte
ATTACHMENT G – GREEN HIGHWAY INITIATIVES
Paving the Way to Cleaner, Greener Highways

The Mid-Atlantic Green Highways Initiative (GHI) was created to promote innovative streamlining and market-based approaches in order to meet transportation needs while promoting environmental stewardship so that both are “better than before.”

The GHI is focused on three major elements:

**Partnership**  **Recognition**  **Opportunities**

**Partnership Development** consists of integrated public/private partnerships with federal/state transportation and regulatory/resource agencies, contractors, industry, trade associations, academic institutions, and non-governmental organizations (NGOs) to develop and champion Mid-Atlantic Green Highways efforts. Some Green Highway Partnerships and joint ventures in the Mid-Atlantic Region that have been identified thus far include:

- Watershed-Driven Stormwater Management (Planning, Design, Products and Practices)
- Recycling and Reuse (Industrial By-Products and Recycled Material Uses/Implementation)
- Conservation and Ecosystem Management (Principles and Practices)

**The Rewards Recognition Program** will capture and recognize programs, projects, and activities in the Mid-Atlantic Region for excellence in achieving Green Highways goals of “better than before” defined for each focus area.

- “Green Highway Reward/Recognition” categories will be fully defined through a collaborative process of key stakeholders but will emphasize integrated planning, design, construction, maintenance, use of recycled materials, and more.

- Initial criteria include economic efficiencies and regulatory flexibility as examples of types of rewards for excellence.

**Opportunities** will include pilot projects to make the Green Highways concept visible and tangible in the Mid-Atlantic Region. These pilots will improve partnerships and research as well as demonstrate sustainable solutions and provide for market-based incentives.

- Demonstrate effective Stormwater Best Management Practices (BMPs) for linear transportation projects on a watershed basis, which yield multiple benefits.

- Develop state performance standards, and specifications for voluntary use of recycled materials in highways.

- Establish a resource gathering, streamlining, and dissemination tool to help support and promote stewardship efforts in concert with the AASHTO Center for Environmental Excellence. This tool will provide a bridge to environmental entities in federal, state and local government, academia, other NGOs, and trade/industry groups.
Create a resource gathering, streamlining, and dissemination tool will be the information “nerve center” for all activities related to Green Highways. Among its diverse functions, it will:

- Facilitate effective communication and support for the Green Highways network of partners and supporters
- Develop and implement the Green Highways “rewards” program
- Develop, implement, and manage the Green Highways pilots;
- Identify and seek on-going funding mechanisms
- Facilitate technology transfer and networking, including web site development, creation of communications tools, and providing a venue for up-to-date info on developments in the field

Formulate a comprehensive Green Highways Training Strategy which utilizes integrated watershed management planning and targets transportation, construction, and environmental employees at both the state and local level. This strategy will include the development of Green Highways curriculum for urban planners and engineers as well as for the construction, maintenance, and repair industry.

**Green Highways Forum** concluded on November 10, 2005, in College Park, MD. The Forum, for the first time, brought together several hundred public and private sector practitioners, including State, Federal and local officials, various private sector construction and materials companies, and a variety of trade associations under one roof. The Forum provided a unique opportunity to forecast business trends, debate key policy issues and hear directly from top policy makers concerning the future of the Initiative and the roles of its diverse stakeholders.

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For more information, please visit [www.greenhighways.org](http://www.greenhighways.org) or call Dominique Lueckenhoff at (215) 814-2740 or Denise Rigney at (215) 814-2726.