The meeting was called to order at 1:00 PM by Muggs Stoll, 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.

2) Review and Approval of Minutes of January 2009 Business Meeting
The minutes of the January 2009 Annual Business Meeting were approved. Chris Gesing and Mark Kross made some comments in advance and at the meeting.

3) Remarks of the Chair and Discussions

a) New Committee Membership
Introduced new members that were in attendance. Jen Johnson is new secretary, Susan moved to Liaison Subcommittee, Chris Gesing moved to Steering, Joe Crossett is the new Website Subcommittee chair, Ken Hess has taken over Publications Chair and Tamara is the new Newsletter Chair.

b) Summer 2009 Program
There are 196 people registered for the conference. The design committee included Catherine Willard - USFWS, Joe Burns - USFS, Shari Shaftlein - FHWA, John Foyer - USACE. A goal for the meeting was to diversify and encourage a dialogue exchange to look at new tools and approaches. The planning committee really wanted the resource agencies to attend. There are 71 individuals from federal resource regulatory agencies. Secretary Swaim-Staley from Maryland DOT and Secretary Mattox from West Virginia will speak. There are concurrent sessions on Tuesday and Wednesday. The design committee took charge of these sessions. There are two tours on Wednesday – one in WV and one in Maryland. Wednesday evening there will be interagency partnership awards given out.

a) 2010 Annual Meeting

i) Space constraints
The biggest issue is that the Hilton is going to be under construction so it will restrict meeting space. Only 2.0 sessions will be allotted per committee as opposed to the usual 2.3.

ii) Committed sessions/workshops
Agreed to sponsor two workshops and they will be Sunday afternoon so they will overlap. One workshop suggestion came from Committee ADC30 which started out on cross-cutting performance measures and evolved into payments for ecosystem and associated performance measures. If anyone wants to be involved in the session planning, contact Muggs. ADD40 and ADD50 are putting together a workshop on integrated planning and sustainable transportation. Craig Casper and Buddy Desai are taking the lead on the planning of that workshop. One paper session as usual but beyond that session we will have to partner with other committees. One session is planned with ADC50 on Environmental and Historic Preservation overlap. Shari and Michael forwarded an idea for performance measures to support planning and environmental linkages. At the annual meeting the committee needs to begin thinking about the workshops for the following annual meeting.

Business meetings planned for only 1 hour and 45 minutes. TRB is encouraging webinars and teleconference in advance of the Annual meeting. Muggs suggested that we take care of some of the business ahead of time via teleconference. Then at the annual meeting the committee can focus on the strategic side of things. Timing of the teleconference may be difficult due to holidays. Christy said they
would not be short on subcommittee meeting space so if they want to meet there to have a post-conference call. Mark Kross mentioned the issue of succession planning and including Friends so that the people that would like to be involved and be a part of the committee later can participate. Flesh out research needs and focus on strategic issues at the annual meeting. Subcommittees can be pulling together teleconferences during the year as needed. Mike Culp offered FHWA webinar technology for over a hundred participants.

b) 2010 Summer Environmental “Mega” Meeting
All of the environmental committees are getting together next year in North Carolina. Muggs talked to Tom Linkous about developing a session on successful landscape-scale mitigation.

c) Update of Environmental Directory
Muggs thanked Chris Gesing for his work in getting the directory up to date. Craig Casper had put together directory in 2004 so it was outdated. Got a lot of cooperation from agencies and got 50 percent response rate the first time and then got a little closer with second round. The directory was published in March. The contact with the agencies has started to introduce them to the committee and has opened up dialogue. The agencies were asked to start sending updates as things change and Chris is working on the third update. Continue to update on monthly basis.

4) Sub-Committee Reports

a) Steering – Chair, Chris Gesing
Chris passed out report and was sent out electronically. Looking at goals and objectives for subcommittees. Need to be reviewed over four year period. Updating directory which is done and is in a maintenance mode which has been moved from the Website subcommittee to Steering.

Efforts coming up – Looking at reconstituted subcommittee which is now Strategic Issues to come up with goals and objectives. Triennial strategic plan with mission, goals and what has been accomplished. Still getting up to speed. Handling a lot by e-mail and teleconference. Template for plan is consistent among all committees in section to keep them looking similar – scope, strategic planning efforts, critical and crosscutting issues, activity plans, committee members, interaction with other TRB committees, business meeting attendance, technology transfer, research needs and problem statements, general remarks and attach annual report. Send out to committee for review to get comments when it is prepared.

i) Approval of Various Goals and Objectives
The goals and objectives were sent out a week ago. Mark Kross has made some comments.

Incorporated comments on Mid-year subcommittee goals and objectives and added as item #6. Ken Hess asked where existing goals and objectives are on website. These can be seen in the pull down menu that is labeled as Committee Business. It is under Subcommittee goals and objectives. Changed from meeting to workshop which Muggs thinks is important since that is the format of the summer “meetings”. Thanks to Martin and Kris for help with meetings. Mark moved to approve. Motion approved.

History subcommittee – The goals and objectives were prepared last summer so they have been reconstituted for action today. Mark Kross had comments. There have been concerns about the location and housing of the subcommittee records. An e-mail exchange has taken place about the location. There were no other comments. Rick Record made a motion to approve the goals and objectives, Downey Brill seconded. Christine may have pictures from some of our sessions in archives. The Committee can also request a photographer for sessions. The goals and objectives for the History Subcommittee were approved.

Research Topics – There was one set of comments from Mark Kross. Procedure 12 for inclusion of other non-transportation. There is currently only mention of the NCHRP, Air cooperative research program and Transit cooperative research program. There is an interest in interacting to get a better base of the research being done. Christine thinks this is important. Air program is always looking for professionals to serve on their committees. Freight cooperative has several environmental oriented programs. There are other areas as well. Mark feels this doesn’t bring attention to the specific programs if we don’t mention those by name because we could still be focusing on highways. They should all be listed or read as generic cooperative research programs. Muggs, feels that we should list them all. There aren’t that many of them. Mike Culp, asked if there are airport, freight, transit committees that are similar to this committee? He is thinking in terms of coordination. Most of these committees will be at mega meeting. Joe Shalkowski suggested committing to adding the specific names after the meeting. Under goal #3, objective #3, add “or workshops”. Add “agency” under #12.
Kris – Goal 3, objective #2, add “resource agencies and NGOs”. It was also suggested that “MPOs” should be added to that. Lynn Malbrough made the motion to approve as amended, Chris seconded the motion. The motion was approved.

b) Strategic Issues Subcommittee – Chair, Rick Record

Looked at what was the Stewardship committee and recast to more current use. Looked at the subcommittee framework for what this group needs to do. A whole lot of decision-making gets filtered through NEPA. All the original tenants of CEQ guidelines will be tested to use more effectively – climate change, valuation of natural resources, etc. Recast our work to deliver better decision-making under NEPA.

   i) Evening Session

Tomorrow evening set aside 30 minutes. After dinner before USFWS session anyone interested can meet in Rm 103 in E. Instructional at 7pm. Rick will bring some of the thoughts that have been on the table so far. Rick suggested that the subcommittee be a mobile committee to get things to the right home. As part of the discussion the subcommittee would keep track in some sort of hierarchy of importance.

c) Liaison – Chair, Susan Killen

The suggestion is to focus on several committees that are the most valuable that we have relationship and have needs. Pat gave liaison report. The other committee chairs will be contacted. From there it will be possible to narrow down and report on those committees where it makes the most sense. Some committees have discussed working together at annual meeting. A list of Priority Committees will be sent around and members will be asked to indicate if there is a particular committee that you are interested in. This doesn’t have to be done in person because the chairs of the committees can be contacted outside of the meetings. Friends and members can help with this.

Wayne suggested that there may be partnering opportunities that we want to take to other committees beyond hosting joint sessions. We can be more strategic about interaction. Mike provided the example of outreach to statewide and metro planning committees and looking at mitigation in the long-range plans.

Margaret Strand talked about the Environmental Issues in Transportation Law (AL050) committee. She thanks ADC10 for hosting Natural Lawyer on the committee be website. They are always willing to take articles on Env Law and put in the Natural Lawyer. The programs that the committee has been working on in 08-09 looked at climate change. There was a January program on the issue of climate change in environmental studies and potential conflict of interest with PPPs. The AL050 meeting is in Denver next week and again putting on program on the administrative record. Places where that committee may be able to help or participate. The goal is to get more liaisons for their committee. Offer that other committees can come to the business meeting to report on what your committee is doing.

Pat feels that this ties into Strategic Issues subcommittee and the potential for more interaction with other committees. Committees ADC70 and ADC80 Overlap quite a bit and were at one time joined together but were split after a year. Hot topics are climate change and fuels policy, and ways to reduce VMT. There is a joint conference on climate change, July 20-31st. Look at the market and look at strategies and ideas. ADC70 has expressed interest in co-sponsoring in the future. There is a lot of discussion on communications. TRB has new communication coordinator position. This is a way for the committees to share and learn new communication tools.

Mike asked who else is involved in NAEP? Mike went to annual meeting.

Barney O’Quinn mentioned the Transportation Needs for Parks and Public Lands (ADA40) committee and their interest in bicycle-pedestrian transportation issues. As an example, they have looked at Cape Cod transit system. The committee’s clients are the resource agencies that comment on environmental documents.

d) Web-Site – Chair, Joe Crossett

A copy of the subcommittee report has been circulated. It is hoped that CTE will continue to host website. Going forward we will be working with the TRB communication coordinator who is looking at use of website’s by the committees and ideas for getting sites set up for committees that don’t have them. Website serves needs well for the committee. Probably won’t make major changes right now. Joe’s role is to continue to collect presentations and make sure those get posted. We should think about ways to expand the website. The History component sounds interesting. The committee’s web presence is a way to communicate. A list
of people to thank is on #9. There is a push for a Google site for TRB committees that don’t have anything yet.

e) Mid-Year Workshop – Chair, Martin Palmer / Kris Hoellen

Last year’s mid-year workshop was joint meeting with Transportation Needs for Parks and Public Lands (ADA40) and Ecology and Transportation (ADC30) hosted by Colorado DOT. There were 127 people that attended. The consultant to government staff ratio was 11 to 9. Seven people from resource agencies attended. The workshop did come out in the black. The workshop overall received a 4.3 rating out of 5. The processing of credit cards was developed to ease registration. Give feedback on how that worked and see if this helped. Highest marks went to the tour and banquet. Lowest rating went to accommodations and meeting rooms.

The 2009 Mid-Summer workshop has thirty people from FWs, 16 Corps, 12 EPA, 2 NOAA, 2 NPS, 23 from FHWA and some from DOD and COGs. The goal was to design sessions for interaction. There are exhibits downstairs in Instructional building and in entry and Commons buildings. In Commons 3 booths were set up by the award winners. Cell reception is an issue at the facility. Computers are located in the hallways, Commons and Libraries. You can print in faculty lounge in each floor in IE and IW. There are five miles of trails and a mile of footage along Potomac. There are a number of recreational opportunities and a Social center – lounge which opens at 5:30 pm and is open late. A Positive lesson of the workshop subcommittee is that a strong committee with monthly calls where almost everyone participated made the difference. The subcommittee members organized their own sessions and got at least 10 reps, reviewed rewards, etc.

2010 and beyond – Mega meeting will be in Raleigh, NC June 6-10th. The room block will be at the Marriott City Center. The workshop will be held at adjacent Raleigh convention center. A preliminary schedule has been identified. James Martin from CTE and NC DOT are hosting. There will be a number of different committees. AASHTO is also going to be a part of the meeting. There is a potential for sponsorships from DOD and FTA. The sessions will be focused on multi-modal issues. The planning group meets once a month. Closer to the annual meeting there will be more information. It is anticipated that around 350 people will attend the meeting.

For 2011, the subcommittee is looking to MN DOT as potential host. Lynn Malbrough offered AHTD to be a potential host for 2012 in Arkansas. Looking at FL, TX, CA, GA and OR for years beyond. Not too many sponsors want to commit more than 2-3 years out.

f) Newsletter – Chair, Tamara Hollowell

Talked to Mark Kross to discuss duties of the Newsletter Chair. Tamara is looking at a newsletter for the November timeframe. There will be a request for articles in the August timeframe. Subcommittee chairs will be asked to provide a short update and find a designated liaision to report as well. A survey was done in 2008 of the newsletter and the goal is to implement some of the suggestions. Looking into getting some photos and other history items for the newsletter. Tamara will talk to Chris Gesing about publishing the newsletter.

5) Break

6) Sub-Committee Reports (continued)

a) Research Topics – Chair, Joe Shalkowski

We had the first Sunday workshop in January that was a half day of speakers which resulted in preparation of “Lessons Learned of ADC10”. This was published in AASHTO’s ETAP newsletter. There was a lot of interest at the second subcommittee meeting. Focus on 1) identifying new members for subcommittee – becoming a champion and identifying sponsors who should be involved in advancing; 2) two research needs that were passed on to synthesis program and TERI and TRB Research Needs databases – workshop, newsletter and publications subcommittees may be interested; 3) There has been no further discussion about a research needs workshop or conference since the last one in 2002. The committee supported the administration of this conference in the past. Mark commented that he wasn’t sure if things were getting duplicative and topics parallel that it didn’t make much sense to look for new topics.

What do you think about Climate Change and this committee? Muggs thought this would be appropriate to discuss at the Strategic Issues subcommittee meeting. What are the analysis implications? If someone doesn’t influence the process, the analysis will end up having to be done on an individual project level which doesn’t seem to make sense. We should look at the various research that gets to quantifying the effects but focus on more of the policy level – regional, statewide, national, and international. This seems to make most
sense for this committee. Mike suggested that given the committee’s expertise, a good place to start is project development and environmental review. FHWA is tied up because they are waiting for something on the emissions side within next year or two. There is also an adaptation discussion. It is hoped that the Strategic Issues subcommittee can frame the issue and then track the issue. Rick posed that this is an issue of good decision-making under NEPA at project level and planning phase. We should be able to identify those areas that are most critically important to this group. This isn’t just related to climate change. There is plenty of subject matter out there. Susan thinks that there is a stronger link during the planning phase for climate change. How do you make the decisions and priorities? It is hoped that these decisions and priorities can come through planning. Mike noted that a lot of talk about planning process to do more risk assessment at that level and feed project level work. Rick added that when we say NEPA we should look at the flow chart of planning, NEPA and Operations and Maintenance.

Joe has looked at research needs statements that have been advanced and none of them dealt with climate change. We should look to see where the interest is in these sessions and then review those at Session 7. Those ideas will be the ones that the committee will want to convert into needs statements and vet to the whole committee. Also at the session, Neil Peterson will identify themes that are hot at TRB right now and how to get funded. Members can help to capture research needs during other sessions and bring to Session 7.

Wayne added that many problem statements have been produced. Since then, what is the role of this group in this research? It is a great deal of work unless it is very focused. We should put a lens on it from an environmental analysis perspective. ADC10 doesn’t need to take the lead because many others want to. How can we add to the discussion about research in these areas?

Muggs added that we need to find the committee’s niche in climate change. There are a lot of other areas that are important to us as a committee as well.

i) Thursday morning session – “Becoming Effective Champions”

b) Publications – Chair, Ken Hess

Ken will be sending the subcommittee report electronically after the meeting. For the 2009 Annual Meeting, there were seven papers assigned to the ADC10 Committee for review by its members. Of those seven, three were recommended for presentation at the 2009 Annual Meeting and one was accepted for publication. There was a total of 30 reviewers assigned to review the seven papers. Prior to the 2009 Annual Meeting, the number of papers assigned to the ADC10 Committee had been somewhat higher. One of the goals of the subcommittee is to increase the number of paper submittals that gets assigned to the Committee. What we can do to solicit more responses? If anyone has any thoughts on how to do this, pass them on to Ken. The Call for Papers for the 2010 Annual Meeting was advertised and included on the TRB website in mid-June. Muggs also sent out an email notice of the Call for Papers to all ADC10 members and friends at the end of June. Lamar Smith also advertised the “Call” on re: NEPA FHWA site. The goal for future years will be to get the Call for Papers out by May 1st. The Call for Papers was provided as a handout.

i) Status of Survey Process

In past years, Jim Bach was working off an established list of people for consideration as a paper reviewer. An online survey of potential ADC10 Committee paper reviewers has been prepared this year with the intent of: 1) providing information regarding their areas of expertise for assisting in paper reviews; and 2) increasing the opportunity for Committee Members and Friends to participate in the review process. There had been a response to the survey from at least 40 individuals as of the time of the mid-year meeting. Ken will then be working primarily from the completed expertise list from the online survey in making decisions about who should be involved in the peer review of various papers. If someone has filled out the survey and would like to make revisions or additions, there is still time to complete that. That would also apply to people who haven’t taken it yet.

ii) The 2009/10 Paper Review Process

Christy noted that the papers are not hard to review, they are usually relatively short and you are given about a month to review them. Reviewers will receive papers the second week in August and have to respond by September 15th. TRB is offering free webinars for paper reviewers.

Based on the information from the online survey, Ken will create an overall matrix of everyone’s specialties and work from that when making decisions about reviewers for papers. Due to the number of potential
Wayne noted that AASHTO Center of Excellence has put in a statement to get candidates to submit papers. Mark added that TRB is trying to make the organization more transparent. Work is being done on a communications portfolio to improve the knowledge base related to TRB. TRB is looking at how papers are reviewed and what sort of papers get published and what the reviewers do. TRB may generate more papers this way. There is a benefit by providing more knowledge about the ADC10 Committee so that people know who and what we are.

Wayne pointed out that there is a tremendous amount of information that comes out of NCHRP – 25 reports. A lot of these authors could synthesize what they said and turn these reports into TRB papers.

c) History – Chair, Pat Trombly
What will be coming out to committee members and friends is an initial list of people to do interviews with. The point of this is to screen the list. The list includes past chairs, emeritus members, etc. There will be a critical first round of people. Pat will be looking for people to volunteer to interview these individuals. She is currently working on format of the interviews. As good examples one place to look is the knowledge management interviews that are happening at some agencies. The hope is to get the character of what was happening in environmental arena at the time that the person was on the committee.

7) Remarks by Christy Gerencher, Senior Program Officer, TRB
Christy wants the committee to understand that the Hilton renovation is causing an issue for the Annual Meeting in January. All meeting space is currently closed and under renovation so we should be first to use the new space. The construction will continue into 2011 but in 2010 we will be losing ¼ of the usual space. There will be some new rooms which are subcommittee meeting size rooms. There will be three temporary subcommittee sized rooms. TRB is keeping all activities at the Hilton to the best of their ability. This could change in October. The hotel rooms are not supposed to be impacted. All committees have received a 2.0 allocation restriction. In order to get the sessions that the committees want it will come down to co-sponsoring. This will include restricting committee meeting times. There is the option of having two subcommittee meeting times if wanted Wednesday evening or Thursday morning. It is expected that this will be an issue for one year only.

The theme for the 2010 TRB Annual Meeting is Investing in our Transportation Future – Bold Ideas to meet our Big Challenges.

There is a new TRB Communications Coordinator role for the committees. TRB is trying to improve within its own division. This will give the committees tools to help. Each committee has created a slot and right now Muggs is that person. He can allocate as he chooses and will discuss with Joe Crossett as the Website Subcommittee chair. The goal is to improve outreach within the community. Kim Fisher is trying to revamp existing communications tools.

TRB is improving the website. There will be an overnight switch to the new format. It will be red in color and look a little different. Update links to TRB website from committee website. The change isn’t really a substantive one. In order to navigate the website right now you have to know how TRB is organized. There is some control over the technical activities website and Christy is spearheading this. ADC10 can be used as a resource if there are surveys of users. The TRB website has been developed for staff by staff. Help and participation will be appreciated from the committees.

APA credits are something that have been asked about frequently. TRB has executed an MOA with APA to get AICP credits beginning at January meeting and those after, with the summer meeting being included retroactively. This is possible because of a three month window. There needs to be a description of the sessions, objectives and goals so that this can be applied. Kris has gotten some of the courses at the center certified so she knows which ones those are. Ken added that you usually have to sign-in to show you were there. Documentation at conference should be sufficient. Christy is still a little skeptical that APA will approve.

There are new emeritus rules being enacted by TRB. The two new categories include Active and At-Large Emeritus members. There is a grandfather clause but a committee can’t have more than 3 active members and get benefits - the rest would be at-large with no benefits. The committee can grandfather all Emeritus members in but can’t add anymore until below three active members. Muggs suggested forwarding to the
committee. There may be some Emeritus members that would volunteer and haven’t been real active. Downey asked what the limit for committee members is? The number of Emeritus members isn’t included in cap of committee. Many have the added concern about the cost and the prestige factor. Downey asked if anyone keeps track of the number of committee friends? TRB doesn’t track and there is no limit.

8) Report from FHWA Office of Project Development and Environmental Review – Shari Schaftlein/Michael Culp

Shari – There was a Turner Fairbanks solicitation that went out. They called the program office to help update the strategic plan, and there was a desire for an environmental component. The goal is internal competency in research. This includes the whole staff in bridge, structures, safety, pavements. There are 40 or 50 people there. This is a hard core research type of place. Took original plan and put more environmentally appropriate words into it and then they sent that out to the next wave of TRB committees. The plan was intercepted and some context given to it. Thank you to those who gave feedback. The idea is to get them postured in reauthorization. The feedback made the group think it needed to step back and get a boundary to area want to expand on. Keep working with Shari on next steps. Slim down and stay within their competency. How can they add value to what is going on? This may be something for the annual meeting.

Wayne suggested going with a cross-cutting approach and get environment into everything they do. Get sustainability, stewardship and compliance and look at each research project.

Lynn added that this is a critical element in the way highway departments work around the country. This is beneficial if have access to research done at the national level. The cost-benefit analysis is going to take a turn that has not been seen in the last couple of decades. We know that this is going to have to be incorporated into project development. You don’t want it to be left out on issues that know you are going to have deal with.

Wayne thought that this might be worth good follow-up teleconference.

Mike added that the Successes in Stewardship newsletter is monthly and posted on website. The last one was about reporting and stewardship. There is a biannual assessment summarizing the findings on the effectiveness of Section 6002. You will be able to see what is rated highest and lowest in terms of benefits. The chart gives an idea of the timeline of projects of those subject to 6002 and those not. Right now the sample size is really small. The assessment is still in progress and will get more samples. There are only five projects that have gotten all the way through. This will be available information for when Congress asks questions or for general Q&A. This will be an in-house distribution.

There is an update and PEL Training webcast. Joe thought this was well done. There will be one in July and August and you need to register and only certain amount of seats.

FHWA is working on guidance on how to apply forecasting in NEPA and all of the ways that it’s used. There should be interim guidance later this summer. There will be implications for major projects where there is lot of forecasting work.

A framework for Corridor/Sub-Area Studies is getting ready to commence. This is a fresh look at these to see how these are being done. This is referring to corridor planning studies not Tier 1 studies. FHWA wants to take advantage of planning studies and has the authority to do that. Also looking to fill in the gap of BMPs.

Barney added that the committee should look at one of the court decisions with Forest service. Their planning process is subject to court review under NEPA.

FHWA’s doesn’t include court review under NEPA. Libby North corridor did exactly this. We should review what they did. Please forward examples/applications using new authority to Mike. Put together peer exchange in October to help provide information on the topic.

There is a pause on STEP because it was premature. There is tons of information in the FHWA booth on what the agency’s been doing and what it will be doing.

9) AASHTO Report/Center for Environmental Excellence

There will be three new practitioner handbooks – Section 4(f), Stormwater Management, Indirect Effects & Cumulative Impacts. Section 4(f) is available now.
Air quality and stormwater management have communities of practice which communicate through conference calls and e-mails. Historic bridge preservation has an online community practice which will continue. You can see all of this information if you go on the Center’s website. Jim Shrouds moderated the air quality community of practice which focused on mobile source air toxics.

There is a website feature where you can submit comments on how to improve the website.

There is a climate change peer effort going on. A report will be coming out on that state of practice in DOTs. Also there will be a peer exchange on sustainability which was a lot of BMPs. There are archives of information available on the website. A GIS section was just added to the website.

10) CTE/ICOET Update – Downey Brill
Downey gave out handouts for ICOET and reported that CTE provided a lot of support. ICOET is September 13-17, 2009 in Duluth, Minnesota.

11) TR News Environmental Issue – “Muggs Stoll”
Muggs reported that the May-June issue of TR News focuses on transportation and environment. Members of the committee contributed to this issue. It should be the next one released.

12) Wrap-up Discussion – Session Planning, TRB Special Task Force on Climate Change and Strategic Direction of Committee

A special task force, made up of a dozen different committees, was put together to fill gaps and avoid redundancies. Current research proposals include: 1. Mitigate transportation effects on climate change; 2. How to adapt to climate change moving forward. These are expected to be one or two sentence research topics at NCHRP level. The task force is seeking additional research than what is already going on. The task force is looking for $0.5 million research topics. This includes both TRIS and Research in Progress databases. Muggs noted that there is a fair amount of overlap. He hopes that the objective is to recognize and look at overlap that is already there before looking at additional topics. The idea is to vet and screen down the topics so there is no overlap and then put them out there for research organizations to undertake. TRB has even done something separate from this. Mike is on the panel for one of these. It is $1 million project high priority identified by TRB. This is going out to select contractor. It goes across disciplines. It is worth the committee’s review of information sent out to do what we can as a committee to help. Joe added that some things are ongoing and actively being pursued. What is the objective? What was sent out should only look for new topics. Specifically look at additional research to undertake. Focus on what you’ve got and see what you get from it rather than necessarily coming up with new ideas unless there is a glaring gap.