1. **Update on Concrete Pavement Technology Training**
   
   - NCC meeting September 13-15th, TTCC pooled fund states were given a packet summarizing the training topics available through the Center (see handout pages 3-5)
   
   - Following states have already indicated interest:
     - Colorado
     - Pennsylvania
     - Michigan
     - California
   
   States not involved in any pooled fund project that are inquiring about training are being directed to join the TTCC.
   
   - The following topics are available:
     1. IMCP Manual (specific subjects within the manual as per state’s need)
     2. Concrete Pavement Preservation Training
     3. Design and Construction of Concrete Overlays
     4. Roller Compacted Concrete
     5. Concrete Pavement Surface Characteristics
     6. Pervious Concrete Design and Construction
     7. Concrete Paving Mixture software explanation (COMPASS)
     8. Quality in Concrete Paving Process (Quality Assurance training)
     9. Early Age Cracking
     10. Cement Based Integrated Pavement Solutions
   
   - States are expressing concern about the loss of expertise in the field brought on by budget deficits and layoffs. Some states are interested in train-the-trainer type material; the Center will review which material could be developed for this concept.
2. Review of CP Road Map New Track Structure
   • See handout pages 8-20 for comparison of original CP Road Map tracks and updated tracks.

   • Technical Advisory Committee (Ahmad Ardani, FHWA; Brett Trautman, Missouri DOT; Tyson Rupnow, Louisiana DOT; Tommy Nantung, Indiana DOT; Roger Schmitt, Florida DOT; Gordon Smith/John Cunningham, ICPA; Jerry Voigt, ACPA; Rob Rasmussen/Dave Merrit, Transtec; Tom Cackler/Dale Harrington, CP Tech Center) was involved in reworking and reviewing the CP Road Map tracks.

   • Document refreshing the tracks was submitted to FHWA in August – review should be completed in the next couple of weeks. These tracks will replace the existing CP Road Map tracks. The research subjects were reviewed and changes were made to make the relationships current and priorities up-to-date.

   • The Road Map website will be updated with the new information.

   • Comments:
     ▪ Track 3. Intelligent Construction Systems and Quality Assurance for Concrete Pavements:
       ○ Intelligent Construction Systems is vague terminology. Subtracks may make it clearer; adding the phrase “non-destructive evaluation” is more descriptive.
       ○ Quality assurance is the phrase being used now. QA/QC is still more familiar; QA referring to DOT design and QC being the contractor’s responsibility.

     ▪ Track 1. Materials and Mixes for Concrete Pavements
       ○ Glad to see that cement treated bases are now included

3. Future MAP Brief Topics
   • See handout page 23 for list of current MAP Briefs

   • Comment: Ahmad Ardani and Steve Kosmatka indicated that the MAP Briefs have been well received and contain valuable information.

   • Future MAP Brief topics:
     Dale Harrington explained there are six MAP Briefs to be completed under TO 5 and one MAP Brief has already been published. He asked the committee to select five subjects, plus one alternate.
     1. Full Depth Reclamation of Asphalt Pavements with Cement (Completed)
     2. Introducing the CP Road Map 2nd edition. This is the October 2011 MAP Brief – it is not a very flashy topic, but the changes to the CP Road Map need to be distributed. The committee felt this would be a good subject for a MAP Brief. Sandra Larson will also send this to RAC members and have them share it with others. This MAP Brief is nearly finished, and will be sent out as soon as FHWA finishes their review of the tracks (with FHWA review changes).
     3. Precast Pavement. Comment that there is a national showcase in Utah; Mark Dunn and Mike Kennerly from Iowa DOT attended. The national interest is growing; the Brief needs to contain information from the national work/showcase. The committee liked this subject as a MAP Brief.
     4. Joint Performance. Joint deterioration is a significant problem in cold states. A pooled fund/cooperative agreement project is underway and showing promise on determining what is causing the deterioration. The committee agreed to this topic as a MAP Brief.
5. Concrete Pavement Joint Rehabilitation with Thin Concrete Overlays. The Center is working with industry and DOTs in cold weather states and the CP Tech Center’s Concrete Overlay Committee to develop a guide for use of thin overlays as one alternative to rehabilitate pavements with joint deterioration. This was okayed by the committee as a MAP Brief.

- Alternate MAP Brief topics:
  - Selection of Subbases for Concrete Pavements
    - Comment: Would like to see this include work from the Improving the Foundation Layers of Concrete Pavements pooled fund project.
  - Cross-Stitching of Longitudinal Cracks
  - Slab Stabilization
  - Full Depth Repairs
  - Pavement Milling - There’s new equipment and good information on milling. Agreed that will be the first alternate.
  - Pervious Pavements
  - Comments:
    - No negative comments on any of the alternate topics

4. States Highlighted in E-News
- See page 27 of handout

- The CP Road Map is the only organization that devotes itself entirely to concrete pavement research. Thirteen states have been highlighted in the E-News and information on their concrete research has been made public. This feature has been well received and will be continued with the rest of the 22 states in the NCC before going on to others.

5. Review of the Research Database:
- See pages 29-37. June E-News Brief, The CP Road Map Pooled Fund – Impacts and Accomplishments, highlights the research, products, and accomplishments from the Road Map. The committee agreed his will be done on an annual basis.

- See pages 38-51 for examples of research topics that are in the research database.

6. Face-to-Face Meeting
- Next electronic meeting: January 9th, 10:00 a.m. central time
- Face-to-face meeting: April, 2012 in Chicago. Doodle will be sent out to determine availability.