

Meeting Minutes
North Central Pavement Research Coordination Partnership (Frozen Four)
Computer-Aided Engineering Building, Room 271
1415 Engineering Drive, Madison, WI
May 23, 2006

Attendees:

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|-----------------|--------------------|----------------|--------------------|
| Hussain Bahia | WHRP | Roger Olson | Mn/DOT |
| Greg Waidley | WHRP | Shongtao Dai | Mn/DOT |
| John Glaze | WisDOT | Michael Eacker | MIDOT |
| Andrew Hanz | UW-Madison | Andrea Clover | MIDOT |
| Laura Fenley | WisDOT | Amy Schutzbach | ILDOT (conf. call) |
| Kim Linsenmayer | CTC & Associates | | |
| Erland Lukanen | Univ. of Minnesota | | |
| Ben Worel | Mn/DOT | | |

Review of Bylaws

The membership read through the bylaws that were established at the February meeting. No changes were needed and bylaws were approved.

Discussion Points

Kim lead the discussion and some of the points of note are as follows...

- Suggested that on the summary page, there could be hyperlinks to completed projects or implementation projects.
- Discussion of how to format the spreadsheets for optimal efficiency and ease of use
- It was decided that in the project tables, investigator names will be included but not contact info. Rather, a DOT contact will be included with contact info as this is more appropriate since it is the DOT's project.
- The Partnership liked the idea of generating key words, although the mechanism is still in question. Minnesota will create a list of key words for each of the research areas. In an effort to solve the problem of project "overlap" since many projects are applicable to more than one of our predefined research areas.

Hussain led a discussion of opportunities for coordination through an analysis of the overview that Kim presented. This included looking closely at the administrative process of each state's research program. Most of that time was spent on the issue of timing. It appears that Wisconsin operates about six months out of step with the other states. Illinois conducts the cycle twice per year, while Michigan makes funds available once every two years.

The Partnership then went through each of the research areas discussing the projects and any similar studies being conducted in other states.

Action Items (next steps):

- Kim will compile the responses from all states as to which projects are of particular interest to them in each of the four research areas. She will send out the four project tables including all of this information by **June 16th**.
- Each state representative will review the tables and decide which projects within the area of flexible pavements would be worth highlighting for the group in more detail. Each state will choose three completed projects, one project in progress and one proposed project.
- To help capture the detail about the selected flexible pavement projects, Kim will send an Excel table format for the states to use. The table will include fields for a project summary, findings, and recommendations/implementation activities. Kim will send out this table by **June 16**.
- Ben will pass on potential keyword options for the four research areas to Kim by **June 9th**. Kim will finalize these keywords with Hussain and get final input on them from the Frozen Four team.
- Kim will send out revised project tables that include columns for keyword selection, investigator names, report links, project ids, etc. by **June 23**.
- Each state representative will edit/update the projects in the four tables with the additional information requested, along with any additional projects. The tables need to be sent to Kim for posting online by **August 1**.
- Kim will post the revised tables by **August 9**. Frozen Four members will then meet with their colleagues internally to review the projects in their assigned area in preparation for leading a discussion at the next Frozen Four meeting. Assignments for leading discussions at the next meeting: Design-Illinois, Soils-Minnesota, Flexible-Wisconsin, Rigid-Michigan.
- It was suggested that each state track the amount of time it takes them to complete the assigned tasks in order to get an idea of how much effort the approach discussed in this meeting requires.
- The next Frozen Four meeting will take place on **August 29th**, either in Illinois or Wisconsin. The agenda will include:
 - discussion of potential analysis approaches for the selected flexible pavement research projects.
 - discussion of state activities and efforts related to mechanistic design.
 - discussion of research efforts by the states in all four research areas, as guided by the tables of projects.