

Aurora Program

minutes

Aurora Board Meeting December 4, 2008 – Conference Call

Individuals Participating in Call:

Tina Greenfield, Iowa DOT
Dean Kernan, Illinois DOT
Dawn Gustafson, Michigan DOT
Max Perchanok, Ontario MOT
Jack Stickel, Alaska DOT&PF
Scott Roeder, Ohio DOT
Ralph Patterson, Utah DOT
Joe Doherty, New York State DOT
Bill Hoffman, Nevada DOT
Curt Pape, Minnesota DOT
Dave Cornett, Kentucky DOT
Lee Smithson, AASHTO
Chris Albrecht, Iowa State University

Meeting Agenda:

- 1) Call to Order (Ralph Patterson)
- 2) February 24-26 Board Meeting and FOA Planning (Chris Albrecht)
- 3) Project Status Reports (Project Champions)
- 4) Other Business (All)

1. Call to Order

Ralph Patterson called the meeting to order.

2. February 24-26 Board Meeting and FOA Planning

Chris Albrecht reviewed a handout listing contacts that had been invited to the 2009 Friends of Aurora event and noted who had sent back an RSVP. A draft agenda and promotional flyer was also reviewed and discussed. A short discussion followed, wherein, Chris noted he would follow-up with those invited and update the draft meeting agenda.

3. Project Updates

The project champions then reviewed the status of ongoing projects. Details are as follows:

Project 2000-01 – Benchmarking the Performance of RWIS Forecasts: Max Perchanok reviewed noted that a new list would be put together of university projects planned for spring.

Project 2000-05 – RWIS Leverage Opportunities: Nothing new was reported for this project.

Project 2003-04 – Intelligent Image-Based Winter Road Condition Sensor - Phase III: Nothing new was reported for this project.

Project 2004-04 – Winter Weather Severity Index Enhancements: Tina Greenfield gave the update on this effort. She noted that Accuweather had been given another extension. Email responses from them had been coming in, which helped to get things moving again, she added.

Project 2005-01 – Development of a RWIS Quality Assurance Monitoring System: Jack Stickel noted that the team was in the process of writing the scope for this project.

Project 2005-02 – RWIS Telecommunications Issues and Options: Nothing new was reported.

Project 2005-03 – Mobile Weather and Road Condition Reporting: Nothing new was reported for this project.

Project 2005-06 – New Road Surface Condition Sensor: Nothing new was reported.

Project 2006-01 – Support of the Clarus Initiative: Nothing new was reported for this project.

Project 2006-02 – Pilot Test of ESS Sensor Testing Guidelines: Ralph Patterson reviewed the status of this project, noting that the group planned to keep Dan Roosevelt in the loop on progress as they considered what additional help was needed.

Project 2006-03 – Update of SHRP H-350 and H-351: Tina Greenfield noted that Michigan was added as the third survey state to the project, and WTI had made plans to contact them.

Project 2006-04 – Evaluation of Vaisala Spectro Pavement Sensor: Nothing new was reported for this project.

Project 2006-05 – Technology Transfer of Alternative Inexpensive RWIS: Nothing new was reported for this project.

Project 2006-08 - Low Cost Mobile RWIS: Nothing new was reported for this project.

Project 2007-01 - RWIS Equipment Monitoring System – Phase II: Jack Stickel noted that the team had determined that an RFP was necessary to complete this effort.

Project 2007-02 – Cold Weather Testing of the Halliday Road Grip Unit: Scott Roeder gave a brief overview of the project status, noting that he was still waiting on the final report from Jeff Tilley.

Project 2007-03 – Incorporation of MDSS into Winter Weather Forecasting – Phase I: Nothing new was reported for this project.

Project 2007-04 – Development and Demonstration of a Freezing Drizzle Algorithm for ESS: Max Perchanok noted that the system was now operational and things were progressing along very well.

Project 2007-05 – Multiple-Use ITS Data Collection Sites: Jack Stickel noted that the project scope had been written.

Project 2008-01 – Development of a National Road Weather Testing Program: Tina Greenfield noted that a scope had been written and sent on to the project partners. They were steadily making progress, she concluded.

Project 2008-02 – Evaluation of Utah DOT’s Weather Operations/RWIS Program: Ralph Patterson discussed the project, noting that a survey had been prepared and sent out.

Project 2008-03 – Next Generation RWIS in Ontario: Nothing new was reported.

Project 2009-01 – Evaluation and Inter-comparison of the Lufft R2S Sensor: Ralph Patterson noted that the team had been waiting to see when Minnesota would purchase sensors that could be assessed.

Project 2009-02 – Road Weather information Outreach/Second Peer Exchange: Nothing new was reported for this project.

Project 2009-03 – Knowledge Base for TWIS Programs and Environmental Data Loggers: Nothing new was reported for this project.

Project 2009-04 – Road Weather Education Enhancements and Dissemination: Dawn Gustafson noted that Lee Smithson had been assisting the team on finding existing materials to review for this project.

Project 2009-05 – Further Development of Pavement Precipitation Accumulation Estimation System: Ralph Patterson and Tina Greenfield reported that this effort was in the contract stage and had met the criteria for a sole source project.

Project 2009-06 – Salinity Sensor Improvements and Development: Tina Greenfield reported that the project team had submitted the project idea to Clear Roads as a possible partner.

Project 2009-07 – Review of Friction Detection Technologies: Max Perchanok reviewed this project, noting that the Transportation Association of Canada (TAC) had released a review of friction, which he had distributed to the team. Chris Albrecht noted that he was going to set up a special call for this project to discuss this report.

4. Other Business

No other business was discussed.