

**Local Road Research Board  
Program Review Meeting  
MINUTES**

December 5 and 6, 2012

8:30 AM – 4:30 PM

U of MN – Coffman Union, Campus Club  
Minneapolis, Minnesota

**Attendees(Board Members):**

Rick West, Chair, Otter Tail County  
Bruce Hasbargen, Beltrami County  
Lyndon Robjent, Carver County  
Tim Stahl, Jackson County  
Steven Koehler, City of New Ulm  
John Powell, City of Savage  
Laurie McGinnis, U of MN, CTS  
Thomas Ravn, MnDOT, OCIC  
Julie Skallman, MnDOT, State Aid  
Linda Taylor, MnDOT, RS

**Attendees(Staff):**

Jan Lucke, U of MN, CTS  
Maureen Jensen, MnDOT, Materials Lab  
Farideh Amiri, MnDOT, RS  
Ann McLellan, MnDOT, RS  
Nicole Peterson, MnDOT, RS

**Attendees (Guests):**

Nick Busse, MnDOT, RS  
Bruce Holdhusen, MnDOT, RS  
Alan Rindels, MnDOT, RS

**I. Call To Order**

Mr. Chair welcomed everyone and thanked the University of Minnesota for the use of their facility. Attendees introduced themselves.

**Agenda Review & Approval:**

Tim Stahl had RIC update to add.

***Motion:** A motion to approve the agenda, as amended, was made by John Powell and seconded by Lyndon Robjent. Motion approved.*

**Review & Approval of November 2012 Minutes:**

Correction: Change 2012 to 2014 on page 3 under topic 2013/14 LRRB and RIC meeting.

***Motion:** A motion to approve the September 2012 minutes with corrections was made by Steven Koehler and seconded by John Powell. Motion Approved.*

**Membership Roster:**

No changes.

**II. Budget Report**

INV 943 - Traffic Sign Life Expectancy – \$75,655 was added from November meeting.  
FY14 – \$761,490 remains  
FY15 - \$1.96M (need to subtract FY14 amount because that amount rolls into FY15)

### **Conferences:**

- December Annual Asphalt Conference was added and is open to all LRRB and RIC members.
- March CPAM Annual Concrete Paving Workshop was added and is open to all LRRB & RIC members.
- National Rural ITS Conference is open to all LRRB and RIC members. (2013 only since it is being held in Minnesota.)
- Rich Sanders will attend the TRB in Lyndon Robjert's absence.

### **LRRB and RIC Meeting Dates and Locations:**

- December 4-5, 2013, was added to board member calendars.
- March meeting is in Savage, Minnesota.

### **RIC Update:**

#### Conferences:

#### Tim Stahl:

- RIC is requesting that LRRB review conferences so more RIC members attend more conferences. RIC would also like opportunities to attend conference that are out of the country.

#### Julie Skallman:

- There are other conferences that are more research oriented and are more applicable for LRRB members to attend.
- Conferences which are more implementation oriented might be good for RIC members to attend.

Linda: Local conferences are open to all and will give RIC members the opportunity to attend.

John thanked the board for supporting attendance at conferences.

The Board decided to leave the conference schedule as is.

#### Integrated Tool for Pavement Design and Management /TONN 2010:

- RIC will extend Professor Wilde's project and hire Braun Intertec with State Aid funding (\$10,000.00) to enhance the software.
- The tool was completed and the TL and TEN TONN Committee will review.
- The deadline to complete this project is June 2013.

#### Pedestrian Safety:

- RIC will take over the implementation research portion of this project for LRRB.
- LRRB will consider \$50,000, including \$10,000 for additional data collection to be more Minnesota focused. The funding will include LTAP training, hiring a consultant to analyze the data and to provide a document for participants to have for future references.

Other updates:

- ADA Transition plan is available on the LRRB web.
- RIC is working with DPS and MnDOT Traffic Office on a TZD video.
- Traffic monitoring project equipment purchasing and installation is under development.
- Sign-Person On-line Training will start when the consultant contract amendment is complete.
- Gravel Road Management will be discussing at the March meeting.

**ACTION ITEM #1: Farideh Amiri to send RIC minutes to the Board members or send the Board an email telling them it is posted.**

**ITS Steering Committee:**

Rick West:

- Deb Bloom, LRRB past Chair, requested not to serve on the ITS Steering Committee of the ITS Institute.
- Mr. Chair asked if anyone was interested in being a member.

Laurie McGinnis:

- We only have one more meeting, so it is better that the same person attend. Rick West will communicate with Deb.
- ITS Institute funding RFP will be out soon and if the University of Minnesota is selected for funding, then the steering committee will continue. If it is not selected, the need for an LRRB member goes away.

**ACTION ITEM #2: Rick West will communicate with Deb Bloom about attending the next ITS steering committee of ITS Institute. He will also ask Board members for volunteers at the March meeting if steering committee continues to meet.**

**III. Proposal Review**

Nicole Peterson went over the proposal list and funding for each fiscal year (see Table 1).

Linda Taylor said that TRIG is interested in the shaded proposals (Table 1) for cost sharing.

Please see Table 1 for proposal review and motions.

**ACTION ITEM #3: Research Services (RS) will take the results of LRRB funded proposals back to TRIG and will share the partnership opportunities (Table 1) with TRIG. RS will proceed to get all the proposals under contract.**

#### **IV. Other funding Requests**

##### **Pedestrian Safety Training:**

- \$30,000 LRRB
- \$20,000 RIC
- Julie Skallman will be a TAP member

***Motion:*** A motion to approve the Pedestrian Safety project for \$50,000 with \$30,000 LRRB funding given to the RIC and \$20,000 existing RIC matching funds was made by Julie Skallman and seconded by Tim Stahl. Motion Approved.

##### **YouTube Videos:**

***Motion:*** A motion to approve funding for YouTube videos for \$50,000 was made by Julie Skallman and seconded by John Powell. Motion Approved.

##### **Pavement Management Projects:**

John Powell:

- This is an on-going system/program
- A “Decision Support Tool” for all rehabilitation and surface Treatment
- It will be a technical resource center for all city and county staff
- We need development and support for on-going maintenance
- We need to know what other states are doing on the national level
- What is the Board’s role?
- What is the role of Smooth Road Committee?

Tim Stahl:

- We need an State Aid Pavement Management representative

Farideh Amiri:

- George White from Pavia Systems, Inc., offered to provide the TAP information about development and maintenance of the “Pavement Interactive” website via a webinar.

The Board discussed having a TRS developed to include an extensive search and evaluation of work done related to resource centers focusing on pavement management options (paving, rehabilitation, reconstruction, etc.). The work would look at the local and national level including locations, staffing, and what and how the surface treatment information is collected and disseminated. The TRS should also include recommendations and identify research gaps.

***Motion:*** A motion was made to approve a TRS on pavement management resource centers to be performed by either CTC & Associates or another consultant for up to \$15,000. The motion was made by John Powell and seconded by Lyndon Robjent. Motion Approved.

**ACTION ITEM #4:** The Pavement Management TAP will determine which consultant to develop a Pavement management resource TRS. John Powell will bring back the findings and update the board at either the March or June LRRB meeting.

**ACTION ITEM #5:** Farideh Amiri will schedule an Adobe Connect presentation with Pavia Systems, Inc., for the Pavement Management TAP to go over the development and maintenance of the “Pavement Interactive” website.

**Real-Time Quality Control Monitoring and Characterization of Aggregate Materials in Highway Construction Using Laser Induced Breakdown Spectroscopy**

***Motion:** A motion to not consider this project for funding was made by John Powell and seconded by Tom Ravn. Motion Approved.*

**Round Robin & Hot Topics:**

- Farideh: She attended NLTP and she shared the highlights of the effective presentation session she attended.
- Laurie: CTS is hosting a get-together at TRB on Sunday January 13, 2013, 5:30-7:00, PM at Washington Marriott Wardman Park.
- Steve: He asked for ideas for New Ulm meeting in June 2013.
- John: The March meeting is at the City of Savage.
- Linda: She attended the ITS World congress. She reports that Europe is very advanced in new technology and ITS. The Infrastructure technology in the US is not ready for electronic cars or the shared car concept. We aren't close to Europe.
- Bruce: He attended the National Pavement Preservation in Nashville and shared the highlights of the session he attended on the use of maps to scale the road conditions.

**Meeting Adjourned**

***Motion:** A motion to adjourn the December 2012 LRRB meeting was made by Tim Stahl and seconded by Steve Koehler. Motion Approved.*

**Next Meeting**

March 28, 2012, 8:00am-4:00pm, McColl Pond Environmental Learning Center, 13550 Dakota Avenue, Savage, MN 55378

**Action Items  
December 5 and 6, 2012  
LRRB Meeting**

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