

# LOCAL ROAD RESEARCH BOARD

2012 Spring Meeting Agenda

March 22, 2012

Carver County Public Works Headquarters,  
11360 Hwy 212, Suite 1, Cologne, MN 55322  
(952) 466-5200

## LRRB Members Present:

Rick West, Otter Tail County  
Julie Skallman, MnDOT State Aid  
Bruce Hasbargen, Beltrami County  
Lyndon Robjent, Carver County  
Tim Stahl, Jackson County

Steve Koehler, City of New Ulm  
John Powell, City of Savage  
Linda Taylor, MnDOT Research  
Tom Ravn, MnDOT Construction  
Laurie McGinnis, U of M, CTS

## Others Present:

Farideh Amiri, MnDOT Research  
Maureen Jensen, MnDOT Lab  
Ann McLellan, MnDOT Research

Linda Preisen, U of M, CTS  
Alan Rindels, MnDOT Research

## Absent:

Nicole Peterson, MnDOT Research

## 1. Chairman's Opening Report

- Welcome – Mr. Chair Rick West welcomed everyone and each participant introduced themselves.
- Agenda Review – Rick West reviewed the agenda.  
**Motion:** to approve the March 2012 LRRB meeting agenda was made by Tom Ravn and seconded by Steve Koehler, Motion Approved.
- Approval of December Meeting Minutes – Rick West reviewed the December 2011 LRRB meeting minutes. One correction was made by Julie Skallman.
- **Motion:** to approve the December 2011 LRRB meeting minutes was made by Bruce Hasbargen and seconded by Laurie McGinnis, Motion approved.
- LRRB and RIC Rosters – Bruce Hasbargen indicated that he had accepted a 2<sup>nd</sup> term and roster should be corrected to 12-31-15 to address this change.  
Action: Julie will have the LRRB roster updated to reflect Bruce's accepting a 2<sup>nd</sup> term.

## 2. Budget and LRRB Meetings

- Budget Status Report:
  - INV. 645 Dust Control Project is \$75K, which is part of the RIC budget.
  - INV. 675 RS and INV 745 Library transfers have been completed.
  - INV. 869 FY 11 Terra Board project is completed INV 854 – Implementation of Husbandry - Project not completed and most funding was used.
  - INV 906 – Gravel Road Maintenance – Project completed.
  - INV 913 – LRRB Workshop – Project completed.

- INV 921 – Frost Video – Partnership agreement with Alaska DOT was signed. SRF will be hired to develop the video.
- INV 924 – You Tube Videos
- INV 927 – LRRB Website – HNTB contract for \$99,991.00.
- INV 928 – UTC match – It was removed from the budget table because the request was not approved. Rick West and Laurie McGinnis gave the background on the request and Laurie said that the U of M will apply again next year.
- INV 930 – Bridge Projects – Iowa DOT matched \$150,000 for both projects.
- INV 936 – Focus Group contract for \$17,000 is being processed.
- FY 12 Contingency Account still has \$50K remaining.
- INV 903 is not completed, but the LRRB fund is completely spent.
- INV. 906 and INV 913 have been completed.

**Motion:** to approve adding LRRB Focus Group food budget of \$1,200 to FY12, INV 999 was made by Julie Skallman and seconded by Bruce Hasbargen, Motion Approved.

- RIC – A budget line was added for future projects. Dust control and gravel management has a \$75,000 budget.
- TERRA  
**Action Item #1:** Ann will check on the funding level for TERRA and report at the summer meeting.

- INV999 Status Update – Ann reviewed the INV 999 spreadsheet: Editorial CTC \$3,962, website development \$1,750, meeting \$1,453, conference fee \$1,198, supplies \$1,542 and travel expenses \$40,000.
- Upcoming 2012 LRRB and RIC Meetings:
  - Summer and Winter Meeting Update :
    - LRRB and RIC Summer – July 11 and 12, 2012 – Superior Shores – Two Harbors
    - LRRB Winter – Dec 5 and 6, 2012 – Campus Club – U of M – Minneapolis
    - LRRB Summer – June 19 and 20, 2013 – New Ulm
    - RIC Fall – September 19, 2012 – SRF – Plymouth
    - RIC Winter – December 4, 2012 – St. Cloud – MnDOT Headquarters

### 3. Upcoming Conference Attendance

- International Society of Concrete Pavements Conference – Quebec – July 8-12  
Tom Burnham and Maureen Jensen are approved to attend the conference.
- National LTAP - Grapevine, Texas July 30 - August 2  
Jeff Hulsether, Rich Sanders, Farideh Amiri, Mitch Rasmussen, Dave Robley, John Powell, Julie Skallman and Sandy McCully expressed interest in attending.
- National Pavement Preservation Conference – Nashville, TN – August 27-30, 2012 (up to 4 attendees).  
**Action Item #2:** Farideh Amiri will ask RIC members if anyone is interested in attending National Pavement Preservation Conference.
- Mid-Continental Transportation Research Forum – Madison, WI – Sep 6-7, 2012  
**Action Item #3:** Farideh Amiri will ask RIC members if anyone is interested in attending Mid-Continental Transportation Research Forum.

- National Rural ITS Conference – Biloxi, Mississippi – Sep 16-19
- 2012 International Conference on Winter Maintenance and Surface Transportation Weather – April 30-May 3.  
**Motion:** to add Winter Maintenance and Surface Transportation to conference list with both LRRB and RIC members eligible to attend motion was made by Julie Skallman and seconded by Steve Koehler, Motion Approved.
- ITS World Congress - Vienna - October 22-26, 2012 – Approved for two LRRB attendees. Linda Taylor and Tim Stahl expressed interest in attending ITS World Congress.
- Via Nordica Conference – Iceland – June 11-13, 2012  
**Motion:** to add Via Nordica to LRRB conference list for two attendees for both LRRB and RIC members was made by Rick West and seconded by John Powell, Motion Approved. Rick West and Laurie McGinnis expressed interest in attending Via Nordica conference in Iceland.
- Sustainability of Road Infrastructure – Rome, Italy – Oct 29-31, 2012.  
**Motion:** to add Sustainability of Road Infrastructure to LRRB conference list for two attendees for both LRRB and RIC members was made by Rick West and seconded by John Powell, Motion Approved. Bruce Hasbargen and Julie Skallman expressed interest in attending. Lyndon Robjent is the back up.
- TERRA Board Meeting – Houghton, Michigan – August 13-14
- **Motion:** to add TERRA Board Meeting to LRRB conference list for our TERRA members’ reps eligible to attend was made by Rick West and seconded by John Powell, Motion Approved. Mike Sheehan, Mike Maloney and Julie Skallman expressed interest in attending the TERRA Board meeting.
- LTAP Training – discuss eligibility for reimbursement.  
**Motion:** to approve adding LTAP annual training to conference roster for both LRRB and RIC members was made by John Powell and seconded by Julie Skallman, Motion Approved.

#### 4. Outreach Update

- LRRB Website Redesign – Diane Hellskson from HNTB presented the new look of the LRRB website and reviewed the schedule. The new website will be open to all users in early July 2012. The LRRB members want to see additional links added to the resource site. The website will include a member only section.
- All Technical Summaries published for 2010 and 2012 are provided in the LRRB book.  
**Action Item # 4: The LRRB members review 2010 and 2011 TSs and were asked to let RS/Sandy McCully know if they want any future marketing done on any of those projects.**

#### 5. LRRB RIC Update

- Budget – The RIC budget for three years are: SRF contract \$465,496.75, other contracts \$194,503.25 and Dust Control and Gravel Management \$75,000; Total: \$735,000.  
**Action Item #5:** Tim Stahl to follow up on the Gravel Road Management Program and update LRRB at the summer meeting.
- New Members – New members are Dave Robley – Douglas County, replacing Sue Miller, and Klaton Eckles - City of Woodbury replacing Tom Colbert.

- New Projects
  - Sign-Person Web Training
  - Traffic Monitoring: Test and evaluation of traffic data collection and monitoring technologies, survey of existing technologies, local needs and their best practices to be completed in two phases

## 6. FY13 Annual Program Funding Request

The funding requests for the following programs were presented to the LRRB Board by the program managers. The funding decisions are presented on attached spreadsheet.

- INV 676 MnROAD - Jensen
- INV 745 Library - Hatchell
- INV 675 Research Services Support - Taylor
- INV 999 Project Administration - McLellan
- INV 668 LTAP/INV 998 OPERA - Grothaus
- New Training Request - Grothaus
- Update - Previously approved
  - INV 869 TERRA (funding approved for 5 years) - Skallman
  - INV 645 RIC + Outreach - Amiri

## 7. LRRB Strategic Plan and Operating Procedure

- Julie Skallman walked through the recent changes and previously approved items: Pages 1-21 approved, RIC approved RIC Appendix, CTS write up about LTAP is complete, and CTS put together the Knowledge Building write-up. The members only site will be added to the LRRB website

**Motion:** to approve pages 17-29 of LRRB Strategic Plan and Operating Procedure manual was made by Julie Skallman and seconded by Rick West, Motion Approved.

**Action Item #6:** Farideh Amiri will send the RIC Appendix for the LRRB Strategic Plan and Operating Procedure manual to the LRRB before the July meeting.

## 8. ITS Funding

- Max Donath presented the ITS institute funding request.

## 9. December Research Proposals Update

The following research projects were presented by either the project investigators or the Roadmap Managers. The funding decisions are summarized in the attached spreadsheet.

- Traffic Sign Life Expectancy Work plan - Hawkins/Preston
- Lightly Surfaced Roads TRS - Jensen
- Development of Cost-Effective Timber Bridge Repairs
- Development and Integration of Advanced Timber Bridge Inspection Techniques for NBIS - Rindels
- Economic Cost of Under Investment of MN Highways - McGullough
- Lighting Levels for Isolated Intersections Leading to Safety Improvements (test equipment update) - Amiri

## 10. Additional Research Projects for Consideration

The following research projects were presented by the project TAP chair. The funding decisions are summarized in the attached spreadsheet.

- Field Imaging Based Aggregate Size and Shape Characterization -West
- Flashing Yellow Arrow Proposal – John Powell
- NS- System for Sample and Characterizing Repairable Road Dust - Hasbargen
- NS- Construction Inspection for Better Long Term - Hasbargen
- NS- Noise wall submitted by Ryan Peterson – Amiri

## 11. Research Focus Groups Update

- Minnesota – Linda Preisen reviewed the details of the LRRB focus group:
  - Three focus groups will be conducted – two outstate Minnesota and one Metro area.
    - D8 will have approximately 15-20 MnDOT, city and county staff in attendance. The focus group will be held May 14).
    - D2 and D4 focus group will have approximately 30 attendees. This focus group will be held on May 17 in Park Rapids.
    - Metro focus group will be held in spring 2013.
  - A one pager about the focus group and list of questions will be sent to all attendees
  - CTS is under contract to facilitate these focus groups

**Action Item #7: Linda Preisen will provide a summary of the two focus groups at the July meeting.**

- Iowa – Farideh Amiri attended the Iowa focus group and gave a summary:
  - The focus group date was Feb 22, 2012
  - About 50 people attended, half were county engineers and staff and the remainder were from FHWA, DOT, LTAP and others.Agenda for the meeting indicated 8:00 AM to 3:00 PM
  - The focus was to generate research ideas and how to derive low cost solutions to everyday problems

**Action Item #8: Farideh Amiri will bring the list of Iowa research need areas for 2011 and 2012 to the July LRRB meeting.**

## 12. Funding Discussion

See attached spreadsheet

## 13. Round Robin

Julie inquired about group interest in a Light House Tour at the Summer Meeting. The Board thought it was a good idea.

Alan: The St. Louis County LED Lighting project received a CTS award.

Laurie McGinnis reminded everyone that the 23<sup>rd</sup> Annual Transportation Research Conference is being held on May 23-24, 2012 at the St. Paul RiverCentre.

## 14. Meeting Adjourn

**Motion:** to adjourn the meeting at 4:00 PM was made by Tim Stahl and seconded by Steve Koehler, Motion Approved.