



LRRB Program Review Meeting

October 30, 2013

MnDOT - District 3 Headquarters

3725 - 12th Street North

St. Cloud, Minnesota 56303

MINUTES

A Microwave Asphalt Repair Technology Demonstration took place in the District 3 parking lot at noon.

LRRB Members Present:

Rick West (Chair), Otter Tail County
Bruce Hasbargen, Beltrami County
Lyndon Robjent, Carver County
Tim Stahl, Jackson County
John Powell, City of Savage
Steve Koehler, City of New Ulm
Laurie McGinnis, U of M - CTS
Julie Skallman, MnDOT - State Aid
Linda Taylor, MnDOT - Research Services
Absent: Tom Ravn, MnDOT - OCIC

Others Present:

Tina Folch, MnDOT - Research Services
Bruce Holdhusen, MnDOT - Research Services
Hafiz Munir, MnDOT - Research Services
Maureen Jensen, MnDOT – OMRR
Jan Lucke, U of M - CTS

I. Call To Order at 1:00 p.m. - Rick West

- The agenda was approved. (Motion by John Powell, second by Tim Stahl.)
- The minutes of the September 26, 2013 meeting were approved. (Motion by Steve Koehler, second by Bruce Hasbargen.)

Pending action items from September meeting minutes - Linda Taylor

- Discussion of any action items not otherwise on the agenda:

September Action Item #3:

(Debbie will send 2014 meeting notices to board members): **Tina Folch will send out the 2014 LRRB meeting notices to Board.**

September Action Item #8:

(Tim Stahl will discuss PSAs, when and where the PSAs are going to be used, and report back to LRRB.): **Hold over.**

September Action Item #9:

(Julie Skallman will discuss Pavement Resource Centers and the next steps with the State Aid Pavement Engineer and report back to the board): **Julie has discussed this with Joel and further discussion with LRRB members will occur at TRB.**

September Action Item #10:

(Research Services would forward the OTST's request to the INV958 TAP for consideration. TAP will discuss and report back to the Board on their recommendation.) TAP decided not to request additional funding – item complete.

September Action Item #11:

(The Office of Materials will conduct a short survey through State Aid about RAP and share the results with the Board): **Maureen reported progress has been made, but it is not yet complete – hold over.**

September Action Item #12:

(Sandy will add language to the final reports/products templates stating that if a project originally was funded by LRRB and is using different funding for future phases, the PI needs to contact the Board.): **Hold over pending final edits to language. Sandy will complete prior to March meeting.**

September Action Item #17:

(The TAP for the Gravel Road Management Project will rework the scope, consider the work done by Michigan, and include key experts: Tim Collin from Michigan, Dave Jones, and Ken Skorseth.) Bruce Hasbargen said the work plan was revised accordingly – item complete.

• **Election of LRRB Chair, New Members & Second Terms**

- a) Current Chair Rick West has completed his 2nd term and will be rotating off the Board
- b) LRRB Chair nominations/election: Bruce Hasbargen was elected LRRB chair (Nominated by Lyndon Robjent, second by Tim Stahl); elected unanimously. Bruce will chair the 1st meeting in 2014.
- c) Julie announced the new LRRB member will be Kaye Bieniek from Olmsted County, who should be invited to the December meeting.

Action Item #1: Linda Taylor will see to it that Kaye Bieniek is invited to the December meeting.

- d) Second Terms:
 - Steve Koehler confirmed he will continue for another term.
 - Tom Ravn is willing to continue for another 3-year term; the board voted unanimously to approve his second term (motion by Steve Koehler and second John Powell).
 - Tim suggested consideration of the MnDOT State Bridge Engineer when the position for a MnDOT technical representative to the Board comes up again in three years.
 - Julie announced that Merle Earley from MnDOT District 4 will replace Walter Leu (rotating off) on the RIC.
 - Mike Flaagen of Pennington County will be joining the RIC when Rich Sanders rotates off.

II. Budget and Administration - Tina Folch

- LRRB Budget Report & Item INV999:
The LRRB budget report was not updated for this meeting since there are no funding requests being considered. INV999 budget summary handout was provided to the board.
- 2014 Conferences:
 - a) 2013-2014 LRRB conferences list was provided to the board
 - b) Confirmed: no one will attend the 14th World Road Association Winter Road Congress in Andorra in February
 - c) Maureen will provide 2 names to attend the AAPT conference in Atlanta in March.

Action Item #2: Maureen Jensen will provide two names of people to attend the AAPT conference in Atlanta. (completed)

- d) Transport Research Arena (TRA2014) in Paris in April: Tim will not be attending; Julie will be attending; Lyndon will be attending; Bruce's attendance has been requested, he needs approval from his board to attend

Action Item #3: Bruce Hasbargen will request approval from his board to attend the Transport Research Arena (TRA2014) conference in Paris in April.

- e) 3rd International Conference on Transportation Infrastructure in Pisa, Italy, in April: John Powell confirmed he will attend.
- f) Conference on Bearing Capacity of Roads, Railways and Airfields: determine if this conference will take place in 2014 or not, and the location and date (last year in Norway)

Action Item #4: Tina Folch will determine if the Conference on Bearing Capacity of Roads, Railways and Airfields will take place in 2014. If so, she will also determine the date and location.

- g) National LTAP meeting will take place in St. Louis in 2014; individuals attending are yet to be determined.
- h) TRB Annual Meeting 2014:
Tim Stahl has been asked to present on the results of the project using shingles for dust control on gravel shoulders, and he suggested it might be appropriate for Tom Wood from OMRR to attend TRB to present this material. Maureen will discuss with OMRR management and determine if Tom Wood may go in place of another OMRR staff person.

Action item #5: Maureen will discuss with OMRR management and determine if Tom Wood may go in place of another OMRR staff person.

- i) Rick West plans to attend the TTAP meeting in Prior Lake
- j) National Road Dust Conference will take place February 3 & 4, 2014, should be added to the list as separate from the TERRA Pavement Conference on February 5.

Action item #6: Tina will add the National Road Dust Conference February 3 & 4, 2014, to the list as separate from the TERRA Pavement Conference on February 5.

- k) Tina requested that Board members let her know in advance if they are planning to attend in-state conferences, as well as out of state conferences
- 2014 LRRB & RIC Dates and Locations:
A handout of the meeting dates was provided to the Board. Venue for the summer meeting June 18-19 in Bemidji yet to be determined

Action item #7: Tina will get bids for review for the venue for the summer meeting June 18-19 in Bemidji.

- Amendment Request:
Tina will bring to the Board at a future meeting, if necessary.

III. Outreach Update - Julie Skallman

- Current outreach theme is to highlight 55 years of LRRB contributions.
- Planning a magazine article to highlight 55 years.

- Use patents and commercialization of research results, such as the SAFL Baffle, in marketing the LRRB/RIC to cities and counties.
- Julie would like the Board to consider setting aside funding from FY2015 for more YouTube videos.

IV. FY 2015 Proposal Rating & Selection - Hafiz Munir

- Voting Summary:
A handout of the proposals listed in order of number of Board votes was provided for discussion.
- Proposals/Discussions/Selection:
 - a) The board decided that the number of proposals to be heard at the December meeting should be similar to last year (17 presentations in December 2012).
 - b) Discussion and decisions by the board as follows:
 - NS-352-B: Hear the proposal from Jeong (Iowa State); not hear NS-352-A proposal from TTI
 - NS-348: Hear proposal from Jahren (Iowa State)
 - NS-346: Hear proposal from Hourdos (U of M)
 - NS-350- A and B: Hear both proposals; Shi (Montana State) and Marasteanu (U of M)
 - NS-347: Hear proposal from Turkan (Iowa State)
 - NS-344-A: Hear proposal from Shi (Montana State); not hear NS-344-B from Uof MN
 - KB13: Hear proposal from Narvaez (U of M); John Powell will be listed as the champion
 - KB10: Hear proposal from Herb (U of M)
 - NS-349 B and C: Hear proposals from Jahren (Iowa State) and Wilde (MSU-Mankato); not hear NS-349-A from Montana State
 - NS-333-B and C: Hear proposals from Johnson (OMRR) and Marasteanu (U of M) as potentially combined project; 15 minutes for each presentation; not hear NS-333-A from Montana State
 - KB01: Hear proposal from Creaser (U of M)
 - NS-332 A and B: not hear
 - NS-296-A-E: not hear
 - NS-334: Hear proposal from Creaser (U of M)
 - NS-342: Hear proposal from Lindsey (U of M)
 - KB07: not hear
 - NS-331-B : Hear proposal from Khazanovich (U of M); not hear from MSU-Mankato
 - Not hear any from the rest of the list
 - A summary table is attached
 - c) Any other additional funding requests should be brought in front of the Board at the December meeting before final funding decisions are made on these research proposals
 - Up to \$100,000 for YouTube videos.

Action item #8: December meeting agenda item - Outreach Committee to request additional funds for YouTube videos.

V. Trip Reports- Hafiz Munir

Action item #9: Item for agenda of summer meeting - discuss possible synthesis of studies or case studies in Minnesota regarding TRB 2013 session 201 "Access Management: A left is not a right – dealing with perceptions of negative impacts to market values."

Action item #10: Item for agenda of summer meeting - discuss interest in producing a short synthesis regarding TRB 2013 session 107 "Pavement Marking Management: Best Practices and Safety Benefits."

VI. Additional items before adjourning:

- The Board does not need to meet formally as a group at TRB, but will find an opportunity to meet informally, as a group, at TRB to discuss strategic issues.

VII. Adjournment

The meeting was adjourned by Rick West at 3:00 P.M. (Motion by Julie Skallman, second by Steve Koehler).

Next meeting: December 4 & 5, 2013 at University of Minnesota Coffman Memorial Union

Summary of Action Items

Action items carried forward from September meeting:

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New action items:

Action Item #1:

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Action Item #2:

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(completed)

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FY15 Research Proposals selected for presentations

RNS	Champion	Principal Investigator (PI)	University	Project Title	LRRB Dec. 4/5
352-B	Wayne Sandberg	H. David Jeong	Iowa State	Barriers to Right-of-Way Acquisition and Recommendations for Change	Hear
352-A	Wayne Sandberg	Cesar Quiroga	TTI	Barriers to Right-of-Way Acquisition and Recommendations for Change	
348	Tim Stahl	Charles Jahren	Iowa State	Alternate Design Methods to Renew Lightly Traveled Paved Roads	Hear
346	Joe Gustafson	Hourdos, John	UMN	Evaluation of Safety and Mobility of Two-Lane Roundabouts	Hear
350-A	Mark Maloney	Xianming Shi	Montana State	Full Depth Reclamation (FDR) for Urban and Suburban Street Application	Hear
350-B	Mark Maloney	Marasteanu, Mihai	UMN	Full Depth Reclamation (FDR) for Urban and Suburban Street Application	Hear
347	Lyndon Robjent	Yelda Turkan, PhD	Iowa State	Modernizing Road Construction Plans and Documentation	Hear
344-A	Klay Eckles	Xianming Shi	Montana State	Prevention of Stripping Under Chip Seals	Hear
344-B	Klay Eckles	Marasteanu, Mihai	UMN	Prevention of Stripping Under Chip Seals	
KB13	John Powell	Narvaez, Guillermo	UMN	Stakeholder Attitudes, Knowledge and Engagement in Local Road Systems Planning Decision-Making	Hear
KB10	Wayne Sandberg	Herb, William	UMN	Study of De-icing Salt Accumulation and Transport Through a Watershed	Hear
349-B	Terry Beaudry	Charles Jahren	Iowa State	Optimal RAP Content for Minnesota Gravel Roads	Hear
349-C	Terry Beaudry	W. James Wilde	MSU Mankato	Optimal RAP Content for Minnesota Gravel Roads	Hear
349-A	Terry Beaudry	Eli Cuelho	Montana State	Optimal RAP Content for Minnesota Gravel Roads	
333-C	Tim Plath	Ed Johnson	OMRR	Bio-Fog Seal Evaluation	Hear
333-B	Ed Johnson	Marasteanu, Mihai	UMN	Bio-Fog Seal Evaluation	Hear
333-C	Ed Johnson	Xianming Shi	Montana State	Bio-Fog Seal Evaluation	
KB01		Creaser, Janet	UMN	Examination of Driver Performance and Distraction with In-vehicle Signing	Hear
332-A	Jon Jackels	Shauna L. Hallmark	Iowa State	Evaluation of Intersection Conflict Warning Systems	
332-B	John Jackels	Hourdos, John	UMN	Evaluation of Intersection Conflict Warning Systems	
334	Cory Johnson	Creaser, Janet	UMN	Examination of Driver Performance with In-vehicle Signing of Dynamic Road Information	Hear
342	Scott Bradley	Lindsey, Greg	UMN	Traffic Impacts of Bicycle Facilities	Hear
KB07		Gupta, Diwakar	UMN	Performance-Based Contracting for Public Private Partnerships	
331-B	Curt Turgeon	Khazanovich, Lev	UMN	PCC Pavement Thickness Variation Versus Observed Pavement Distress	Hear
331-A	Curt Turgeon	W. James Wilde	MSU Mankato	PCC Pavement Thickness Variation	