

Meeting Minutes

Date	11/10/15	Time	2:30 pm (Eastern)
Facilitator	Rick Kreider	Secretary	Michael Townley
Subject	RAC Region 3 Meeting		
Attendees	<p>Member states attending:</p> <p>Illinois – Megan Swanson Iowa – Vanessa Goetz Kansas – Rick Kreider Michigan – Michael Townley Minnesota – Linda Taylor Wisconsin – Diane Gurtner</p> <p>Member states not attending:</p> <p>Ohio Indiana Missouri</p>		

Key Points Discussed		
No.	Topic	Highlights
1.	Review agenda / roll call	Agenda approved. Roll call attendance marked above.
2.	Review previous meeting minutes	A motion to approve the minutes was made and seconded. Motion carried.
3.	Communicating Research and Technology Transfer	There were no ideas submitted for this meeting. We could have conversations about technology transfer and communication to keep people informed.
4.	How to encourage national program involvement	<p>Standing part of agenda could include common research interests and national collaboration opportunities.</p> <p>MnDOT reported on the following pooled fund projects:</p> <ul style="list-style-type: none"> • TPF-5(410): The National Road Research Alliance pooled fund has been developed to better use the MnROAD facility for the national and regional research. • Solicitation1413: Region 5 traffic safety pooled fund • Road side turf grass testing pooled fund <p>WisDOT reported on the following pooled fund project:</p> <ul style="list-style-type: none"> • Solicitation: 1418 pooled fund on truck axil weight research <p>KSDOT reported on the following pooled fund project:</p> <ul style="list-style-type: none"> • Bridge deck cracking pooled fund is out for solicitation <p>MDOT reported on the following pooled fund projects:</p> <ul style="list-style-type: none"> • TPF-5(308): Has a large bridge inspection pooled fund project that is just starting and states can still join.

5.	Mentoring opportunities	Megan and Brian have not started mentoring yet.
6.	RAC Officers meeting and 2016 Summer Meeting Update	<p>The RAC 2016 Summer meeting:</p> <ul style="list-style-type: none"> • Begins: July 25, 2016 • Ends: July 28, 2016 • Where: Providence Marriott Downtown, Providence, Rhode Island <p>AASHTO SCOR's next meeting Dec 7-8 Ervine California</p>
7.	TRB	<p>Our Region's next meeting is at TRB on January 10th, 2016 Howard University Room at 3:30pm prior to the full RAC meeting</p> <p>The following members discussed attendance:</p> <ul style="list-style-type: none"> • Rick Kreider does not plan on attending TRB but Rodney Montney will attend the meeting for Kansas and can lead the meeting if needed, but it is expected that Cynthia Jones will lead the meeting. • Steve Bower's flight does not arrive in time to attend the Region 3 meeting. • Michael will not be attending and therefore cannot take notes. • Diane Gurtner will take meeting minutes for the Region 3 meeting. • Linda will be arriving late.
8.	Recently Completed Research Highlights	<p>Illinois – Megan Swanson</p> <ul style="list-style-type: none"> • R27-090: Investigation of Contributing Factors Regarding Wrong-Way Driving on Freeways, Phase II Report • R27-SP29: Thermodynamics Between RAP/RAS and Virgin Aggregates During Asphalt Concrete Production--A Literature Review • R27-160: Illinois Highway Materials Sustainability Efforts of 2014 • R27-130: Development of Improved Overlay Thickness Design Alternatives for Local Roads • R27-124: Evaluation of Aggregate Subgrade Materials Used as Pavement Subgrade/Granular Base <p>Minnesota – Linda Taylor</p> <p>New Videos</p> <ul style="list-style-type: none"> • Roadway Markings Robot - Could a robotic message painter do the work of stencils and maintenance crews? Watch this video of a new prototype. • Younger Drivers Toolkit presentation - Want to learn more about how to protect young drivers? Consultant Renae Kuehl (watch seminar) presented on this new educational toolkit at last week's Toward Zero Deaths conference. Her 15-minute presentation is followed by other speakers. • Roundabout Myths (3 Myth Version) (10 Myth Version) - Two new videos address common roundabout myths and demonstrate why roundabouts are a viable alternative for intersection traffic. • Rumble Strips: Saving Lives in Minnesota - This educational video shows how rumble strips are a proven and cost-effective method of reducing crashes. It also acknowledges the impacts to cyclists, recognizes the noise impacts to nearby residents and

describes the difference between rumble strips and rumble stripes.

Technical Summaries

- [New Lab Test Leads to More Crack-Resistant Asphalt Pavements](#)
- [Laboratory Test of Asphalt Mixes Predicts Pavement Cracking Performance in the Field](#) (demonstration study)
- [Improved Active Traffic Management Strategies Make Travel Smoother on Twin Cities Freeways](#)
- [Vehicle-Based Lane Departure Warning Systems Shown Effective in Simulator Testing](#)
- [Optimizing Traffic Flow on Twin Cities Freeways](#)
- [60-Year Concrete Design Performs Well in Early Tests](#)
- [Improving Fuel Efficiency by Measuring Rolling Resistance](#)
- [New Method for Determining Impervious Areas Saves Time and Money](#)
- [Optimizing Aggregate Foundation to Improve Concrete Pavement Performance](#)
- [Automatically Measuring Traffic Recovery Times After Snowstorms](#)
- [Putting Research Into Practice: A Web-Based Cost-Benefit Tool to Expand the Living Snow Fence Program](#)
- [Guidance on Permeable Pavements in Cold Climates](#)
- [Acoustic Emission Monitoring of Fracture-Critical Steel Bridges](#)
- [Strengthening Road Foundations with Cement Stabilization](#)

Michigan – Michael Townley

[Evaluation of Michigan's Engineering Improvements for Older Drivers](http://www.michigan.gov/documents/mdot/RC1636_501939_7.pdf)
http://www.michigan.gov/documents/mdot/RC1636_501939_7.pdf

In 2004, the Michigan Department of Transportation (MDOT) began a comprehensive program to implement engineering countermeasures to address the needs of older drivers. The countermeasures included the use of:

1. Clearview Font on Guide Signs
2. Installation of Box Span signals
3. Installation of pedestrian countdown signals
4. Use of Fluorescent Yellow Sheeting on warning signs
5. Use of arrow-per-lane on guide signs.

Wisconsin – Lori Richter, Jennifer Walejko, Diane Gurtner

Permeability Performance and Lateral Load for Granular Backfill behind Abutments

Final report -- [http://wisdotresearch.wi.gov/wp-](http://wisdotresearch.wi.gov/wp-content/uploads/WisDOT-WHRP-project-0092-14-03-final-report.pdf)

[content/uploads/WisDOT-WHRP-project-0092-14-03-final-report.pdf](http://wisdotresearch.wi.gov/wp-content/uploads/WisDOT-WHRP-project-0092-14-03-final-report.pdf)

Brief -- [http://wisdotresearch.wi.gov/wp-content/uploads/WisDOT-](http://wisdotresearch.wi.gov/wp-content/uploads/WisDOT-WHRP-project-0092-14-03-brief.pdf)
[WHRP-project-0092-14-03-brief.pdf](http://wisdotresearch.wi.gov/wp-content/uploads/WisDOT-WHRP-project-0092-14-03-brief.pdf)

Iowa – Vanessa Goetz

No additional input

		Kansas – Rick Kreider No additional input
	Research Contract Guidance on PI Changes, Equipment Purchases, and Travel	Linda asked about what is done when a PI changes universities <ul style="list-style-type: none"> • Some states have it included in the contract language for replacing key personnel • Megan and Michael will share language in contract with Linda Special equipment purchase <ul style="list-style-type: none"> • Only specialized equipment can be purchased by researcher according to Illinois requirements. Illinois has had FHWA support them on this position. Travel <ul style="list-style-type: none"> • Travel is funded heavily by Illinois technology transfer fund. • Michigan discourages paying for University travel related to conferences and reviews work plans to make sure it is not included.
	Next Meeting	RAC Region 3 will meet next on Sunday January 10, 3:30 – 5:00 at the TRB annual meeting in the Howard University room on level M-I of the Marriot Marque Hotel.
	AASHTO Digital Publication Policy	In the past each state would receive 10 free copies of new AASHTO publications. Now each state will receive a digital copy provided to the member of the committee that produced the report. Region 3 members think it would be better to have a librarian, research department, or other centralized office receive the digital copy. The national RAC meeting at TRB, on January 10, could have this item on the agenda for input from RAC members. Rick will bring up this issue at the RAC leadership meeting to ask that it be put on the agenda.

Action Items			
No.	Action Item	Owner	Target Date
1	Megan and Michael will share language in there contract with Linda concerning key personnel replacement.	Megan and Michael	By December
2	Diane Gurtner will take meeting minutes for the Region 3 meeting.	Diane Gurtner	January 10, 2016
3	Region 3 members think it would be better to have a librarian, research department, or other centralized office receive the digital copy of AASHTO publications. The national RAC meeting at TRB could have this item on the agenda for input from RAC members. Rick will bring up this issue at the RAC leadership meeting to ask that it be put on the agenda.	Rick Kreider	November 12, 2015