

National Road Research Alliance Geotechnical Team June Meeting

**Terry Beaudry
Reclamation/Grading Engineer**

Agenda

1. Welcome and Introductions
 - New Members/New Attendees Introduction
2. General NRRRA Update
 - NRRRA Geotech Input for 2022 MnROAD Mainline Construction
 - Looking for TAP Members for New Projects
3. July Meeting Date Polling
4. TRB AKG60 Committee Member Opportunity
5. Update Ongoing Research Projects
6. Final Presentation- Improve MEPDG Input for RAB Project
7. Questions/Requests

General NRRA Update



General NRRRA Update- Annual Meeting

<p>NRRRA National Road Research Alliance Meeting</p>	<p><u>Sept 13 – Monday (2-6 Hotel)</u></p> <ul style="list-style-type: none"> • NRRRA Focus <ul style="list-style-type: none"> ○ (2:00-6:00) NRRRA Topic or Training, implementation efforts, discuss at NRRRA meetings for topics/need? ○ (4:00-6:00) NRRRA Executive Meeting ○ (6:30) NRRRA reception <p><u>Sept 14 - Tuesday</u></p> <ul style="list-style-type: none"> • NRRRA Full Day (9-5 Hotel) <ul style="list-style-type: none"> ○ Executive and Teams will provide input for agenda
<p>Combined Tours</p>	<p><u>Sept 15 – Wednesday (9-5 offsite)</u></p> <ul style="list-style-type: none"> • AM - Tour of MnROAD • Northern Lights – NRRRA construction and PG deeper study focus / Lunch Northern Lights • PM - Tour (TH-169, CSAH-8) • MnROAD/NCAT Sponsor Dinner (hotel)
<p>MnROAD/NCAT Sponsor Meeting</p>	<p><u>Sept 16 - Thursday (9-5 Hotel)</u></p> <ul style="list-style-type: none"> • MnROAD/NCAT Sponsor Full Day <ul style="list-style-type: none"> ○ Work with NCAT on agenda items <p><u>Sept 17 - Friday (8-11 Hotel)</u></p> <ul style="list-style-type: none"> • NCAT Focus Topic(s) <ul style="list-style-type: none"> ○ (9:00-11:00) PG Technical advisory panel next two years?, training?, Discuss with NCAT/need?

Looking for TAP Members

- Performance Evaluation of Wicking Geotextiles for Improving Drainage and Stiffness of Road Foundation
- Flooded Pavements Assessment App–Phase II

NRRA Geotech July Meeting

Thursday July 1st or Thursday July 8th ?

TRB AKG60 Committee Member Opportunity

AKG60 – Committee on Geotechnical Instrumentation and Modeling

Scope: concerned with instrumentation, monitoring, and modeling encompassing physical, numerical, and geospatial aspects of soil, rock, and geotechnical systems to obtain information for use in design, construction, performance assessment, risk analyses, and asset management of transportation infrastructure

Contact:

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Update Research Projects

Project	Team	Task1	Task2	Task3	Task4	Task5	Task6	Task7	Task8	Task9 & 10
Mechanistic Load Restriction Decision Platform for Pavement Systems Prone to Moisture Variations [95%]	UNH									In progress
Environmental Impacts on the Performance of Pavement Foundation Layers [95%]	MSU				In progress					
Permeability of Base Aggregate and Sand [80%]	UWM			In progress	In progress					
Improve material inputs into mechanistic design properties for reclaimed HMA Roadways [100%]	MSU/ISU				CTS review					
Continuous Moisture Measurement during Pavement Foundation Construction [20%]	UTEP		TAP review	In progress						

Final Presentation- Improve MEPDG Input for RAB Project

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