

National Road Research Alliance Geotechnical Team July Meeting

**Terry Beaudry
Reclamation/Grading Engineer**

Agenda

1. Welcome and Introductions
2. General NRRRA Update
3. Update Ongoing Research Projects
4. Update *Determining Pavement Design Criteria for Recycled Aggregate Base and Large Stone Subbase (MSU)*
5. Questions/Requests

General NRRA Update

- We encourage NRRA members to subscribe to YouTube Channel - <https://www.youtube.com/channel/UCPqdt93L6aIOyPDCLiHvDug>
 - Recorded Research Pays Off
 - Other relevant videos and resources
- Next RPO:
 - Tuesday July 21 (10:00-11:00 AM)- *“Development of a Sustainable Procurement Roadmap using Life Cycle Assessment based Environmental Product Declarations”* by Amlan Mukherjee, Ph.D., P.E, Associate Professor, Michigan Technological University (Pavement Workshop Speaker)
- NRRA Announces 2020 Call for Construction
 - Bring innovative ideas from our Associate Members, and help us fund construction of new test sections on MnROAD’s Low Volume Road (LVR)
 - Proposals will be examined as received. There are no set deadlines.

General NRRA Update

- Upcoming Pavement Workshop Activities:

AUGUST

[ICT Team Meeting - Extended Project Updates](#)

Thursday, August 6 | 10:30 - 11:30 a.m.

Use the Skype Link on the team page to connect

Speakers: Soheil Nazarian, Ph.D. (UTEP) and George Chang, Ph.D. (The Transtec Group) – [Evaluation of Levels 3-4 Intelligent Compaction Measurement Values \(ICMV\) for Soils Subgrade and Aggregate Subbase Compaction](#)

"Best Practices of AMG Milling and Paving from Design to Construction" (ICT Team Session 3)

Wednesday, August 12 | 10:00 - 11:30 a.m.

[Register for this webinar](#)

Speakers: Kyle Klasen (WSB and Associates), Thomas Abell (Ziegler | CAT), Dan Schellhammer (Midstate Reclamation & Trucking, Inc.)

Moderator: Curt Turgeon (MnDOT)

SEPTEMBER

[ICT Team Meeting - Extended Project Updates](#)

Thursday, September 3 | 10:30 - 11:30 a.m.

Use the Skype link on the team page to connect

Speaker: Choon Park, Ph.D. (Park Seismic) – [Seismic Approach to Quality Management of Asphalt Pavements](#)

Update Research Projects

Project	Team	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Task 8	Task 9
Determining Pavement Design Criteria for Recycled Aggregate Base and Large Stone Subbase [85%]	MSU/ISU /UWM							In progress		
Mechanistic Load Restriction Decision Platform for Pavement Systems Prone to Moisture Variations [55%]	UNH				In progress	In progress				
Environmental Impacts on the Performance of Pavement Foundation Layers [30%]	MSU		In progress	In progress						
Permeability of Base Aggregate and Sand [35%]	UWM		In progress	In progress						
Improve material inputs into mechanistic design properties for reclaimed HMA Roadways [30%]	MSU/ISU		In progress							
**Subgrade Design for New and Reconstructed Roadways [5%]	SRF	In progress								

**should we consider this synthesis project for Phase II (2021)?

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