

# **National Road Research Alliance Geotechnical Team October Meeting**

**Terry Beaudry  
Reclamation/Grading Engineer**

# Agenda

1. Welcome and Introductions
2. General NRRRA Update
3. General Progress Chart on Projects
4. New Project Funded Continuous Moisture Measurement during Pavement Foundation Construction: Soheil Nazarian  
<http://www.dot.state.mn.us/mnroad/nrra/structure-teams/rigid/continuous-moisture-measurement.html>
5. Update Permeability of Base Aggregate and Sand: Bill Likos
6. Update Environmental Impacts on the Performance of Pavement Foundation Layers - Phase I: Bora Cetin
7. Final Comments

# General NRRA Update

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# Update Research Projects

Project	Team	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Task 8	Task 9 & 10
Determining Pavement Design Criteria for Recycled Aggregate Base and Large Stone Subbase [90%]	MSU/ISU /UWM							TAP reviewing	In progress	
Mechanistic Load Restriction Decision Platform for Pavement Systems Prone to Moisture Variations [65%]	UNH				In progress	In progress				
Environmental Impacts on the Performance of Pavement Foundation Layers [45%]	MSU		TAP reviewing	In progress			[Hatched area]			
Permeability of Base Aggregate and Sand [50%]	UWM			In progress						
Improve material inputs into mechanistic design properties for reclaimed HMA Roadways [40%]	MSU/ISU		In progress	In progress			[Hatched area]			
Continuous Moisture Measurement during Pavement Foundation Construction	UTEP	Contract								

# Update Research Project

New Project Funded [Continuous Moisture Measurement during Pavement Foundation Construction](http://www.dot.state.mn.us/mnroad/nrra/structure-teams/rigid/continuous-moisture-measurement.html): Soheil Nazarian  
UTEP <http://www.dot.state.mn.us/mnroad/nrra/structure-teams/rigid/continuous-moisture-measurement.html>

# Update Research Project

Permeability of Base Aggregate and Sand – Bill Likos

# Update Research Project

*Environmental Impacts on the Performance of Pavement  
Foundation Layers - Phase I: Bora Cetin*

# Geotextile Webinar in November PennDOT

Kerry Petrasic formerly from PennDOT will present.