

National Road Research Alliance Geotechnical Team Nov Meeting

**Terry Beaudry
Reclamation/Grading Engineer**

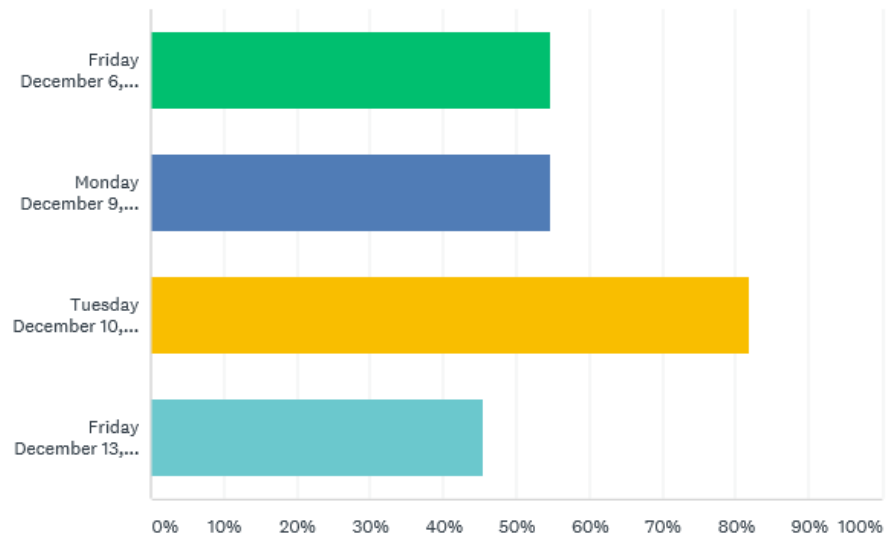
Agenda

1. Welcome and Introductions
2. General NRRRA Update
3. Reschedule December NRRRA Geotechnical Meeting
4. Looking for TAP members for current research projects
5. Brief Update Project Mechanistic Load Restriction Decision Platform for Pavement Systems Prone to Moisture Variations
6. Brief Update Project Determining Pavement Design Criteria for RAB and LSSB
7. Planning/Discussion Unsaturated Soil Mechanics Workshop for NRRRA 2020 Meeting.
8. Questions/Requests

Reschedule December NRRA Geotechnical Meeting

What date works better for you to reschedule NRRA Geotech December meeting?

Answered: 11 Skipped: 0



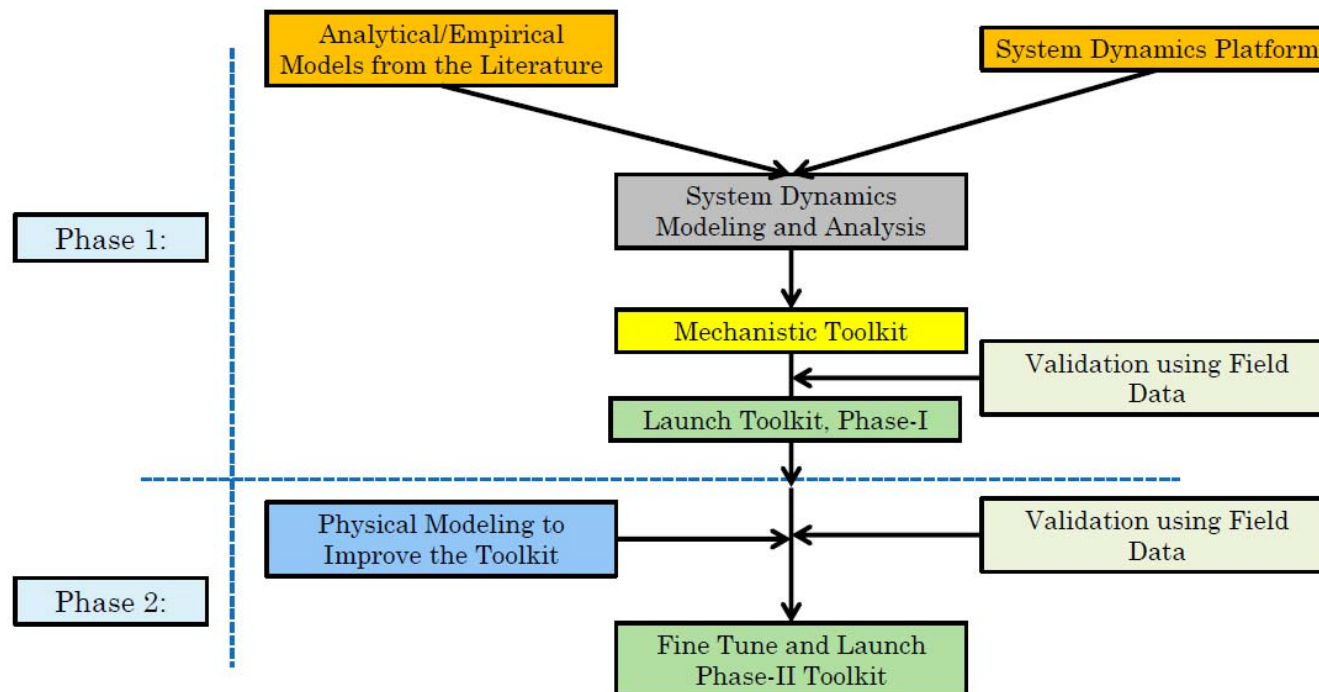
| ANSWER CHOICES | RESPONSES |
|--|-----------|
| ▼ Friday December 6, 2019 - 12:30-1:30 PM (CT) | 54.55% 6 |
| ▼ Monday December 9, 2019 - 12:30-1:30 PM (CT) | 54.55% 6 |
| ▼ Tuesday December 10, 2019 - 12:30-1:30 PM (CT) | 81.82% 9 |
| ▼ Friday December 13, 2019 - 12:30-1:30 PM (CT) | 45.45% 5 |
| Total Respondents: 11 | |

Looking for TAP members for current research projects

| Project | Contractor | TL | TAP |
|--|-----------------------------|-------------|---|
| Mechanistic Load Restriction Decision Platform for Pavement Systems Prone to Moisture Variations https://www.dot.state.mn.us/mnroad/nrra/structureandteams/geotechnical/load.html | University of New Hampshire | T. Anderson | H. Shoup B. Worel T. Beaudry J. Bittmann R. Velasquez |
| Environmental Impacts on the Performance of Pavement Foundation Layers https://www.dot.state.mn.us/mnroad/nrra/structureandteams/geotechnical/layers.html | MSU/ Iowa State University | T. Anderson | T. Beaudry J. Horsfall R. Velasquez |
| Permeability of Base Aggregate and Sand https://www.dot.state.mn.us/mnroad/nrra/structureandteams/geotechnical/sand.html | University of Wisconsin | T. Beaudry | J. Siekmeier J. Horsfall R. Velasquez |
| Improve material inputs into mechanistic design properties for reclaimed HMA Roadways https://www.dot.state.mn.us/mnroad/nrra/structureandteams/geotechnical/hma.html | MSU/Iowa State University | T. Anderson | T. Beaudry R. Velasquez |

Mechanistic Load Restriction Decision Platform for Pavement Systems Prone to Moisture Variations

1. Kick-off Meeting completed
2. Task 1 Memo Delivered and Under Review by TAP
3. Task 2 Literature Review to be submitted soon



Determining Pavement Design Criteria for RAB and LSSB

1. Task 4 – Laboratory Testing Report Reviewed by TAP and Approved
2. Currently working on Task 5 (Performance Monitoring) and Task 6 (Instrumentation)

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