



Meeting Minutes: NRRRA Intelligent Construction Technologies (ICT) Team (Meeting No. 4)

(Agency & Associate Member Meeting)

Date: November 1, 2018
 Minutes prepared by: Rebecca Embacher
 Location: Skype

Attendance

Agency Members

Participated	Affiliation	State Contact	e-mail
<input type="checkbox"/>	California	Deepak Maskey	deepak.maskey@dot.ca.gov
<input type="checkbox"/>	California	Ragu Thangavelautham	raguparan.thangavelautham@dot.ca.gov
<input checked="" type="checkbox"/>	Illinois	Brian Hill	Brian.Hill@illinois.gov
<input checked="" type="checkbox"/>	Minnesota	Rebecca Embacher	rebecca.embacher@state.mn.us
<input checked="" type="checkbox"/>	Minnesota	Kyle Hoegh	kyle.hoegh@state.mn.us
<input type="checkbox"/>	Missouri	Bill Stone	william.stone@modot.mo.gov
<input type="checkbox"/>	Missouri	Dan Oesch	Daniel.Oesch@modot.mo.gov
<input type="checkbox"/>	North Dakota	Curt Dunn	cdunn@nd.gov

Associate Members

Participated	Affiliation	Contact	e-mail
<input type="checkbox"/>	American Engineering and Testing, Inc.	Derek Tompkins	dtompkins@amengtest.com
<input checked="" type="checkbox"/>	Caterpillar Global Paving	Bryan Downing	DOWNING_BRYAN_J@cat.com
<input checked="" type="checkbox"/>	Caterpillar Global Paving	Todd Mansell	mansell_todd_w@cat.com
<input checked="" type="checkbox"/>	Concrete Paving Association	Matt Zeller	mjzeller@cpamn.com
<input checked="" type="checkbox"/>	The University of Texas at El Paso	Nazarian Soheil	nazarian@utep.edu
<input type="checkbox"/>	GSSI	Roger Roberts	roger@geophysical.com
<input checked="" type="checkbox"/>	GSSI	Roger Sommerfeldt	sommerfeldtr@geophysical.com
<input type="checkbox"/>	Infrasense	Ken Maser	kmaser@infrasense.com
<input type="checkbox"/>	Leica Geosystems	Brad Adams	brad.adams@leicaus.com
<input type="checkbox"/>	Mathy Construction	Erv Dukatz	ervin.dukatz@mathy.com
<input type="checkbox"/>	Midstate Reclamation & Trucking, Inc.	Dan Schellhammer	dans@midstatecompanies.com



<input checked="" type="checkbox"/>	Midstate Reclamation & Trucking, Inc.	John Peterson	johnp@midstatecompanies.com
<input checked="" type="checkbox"/>	Minnesota Asphalt Paving Association	Brandon Brever	bbrever@mnapa.org
<input checked="" type="checkbox"/>	The Transtec Group, Inc.	George Change	GKChang@TheTranstecGroup.com
<input type="checkbox"/>	Topcon Positioning Systems, Inc.	Evan Monroe	emonroe@topcon.com
<input checked="" type="checkbox"/>	Topcon Positioning Systems, Inc.	Jim Preston	jpreston@topcon.com
<input type="checkbox"/>	Trimble	Kevin Garcia	kevin_garcia@trimble.com
<input type="checkbox"/>	Trimble	Devin Laubhan	devin_laubhan@trimble.com
<input type="checkbox"/>	WSB & Associates, Inc.	Mike Rief	mrief@wsbeng.com

Friends

Participated	Affiliation	State Contact	e-mail
<input checked="" type="checkbox"/>	FHWA – MN	Kevin Kliethermes	Kevin.Kliethermes@dot.gov
<input checked="" type="checkbox"/>	Minnesota	Curt Turgeon	curt.turgeon@state.mn.us
<input checked="" type="checkbox"/>	Minnesota	Ben Worel	ben.worel@state.mn.us
<input checked="" type="checkbox"/>	Minnesota	Bob Filipczak	robert.filipczak@state.mn.us
<input type="checkbox"/>	Minnesota	Dave Van Deusen	dave.vandeusen@state.mn.us

Other Attendees: Junxia Wu (Caltrans), Monte Niemi (First STATETIRE Recycling)

Decisions Made

- None at this time.

Action items

- NRRRA-ICT Team | Continue to brainstorm items that should be potentially funded by NRRRA. Add items to Ideascale prior to the December meeting. Be prepared to discuss your item(s) with the team during the December meeting. PowerPoint slides are not required, however, please send presentations to Embacher if you decide to create slides to aid with discussions.

The Ideascale link is at: <https://mndot-lrrb.ideascale.com/a/ideas/recent/campaign-filter/byids/campaigns/61069/stage/unspecified>



Agenda

- Membership
- Ideascale
- Executive Meeting
- Presentations on Ideascale items

Next Meeting

Date: December 6, 2018

Time: 10:30-11:30AM Central Time

Location: Skype

(no conference call will be used; skype audio is also available via smart phone application if needed)

Agenda items: Continue to discuss items submitted to Ideascale

Meeting Notes

NRRRA – ICT Team Membership

(Embacher) The following individuals have joined the ICT team since the October meeting:

- Matt Zeller – Concrete Paving Association
- Curt Dunn – North Dakota Department of Transportation

Ideascale

(Worel and Embacher) The online system started in September. Currently, the ICT team has 6 items that have been added. The goal is to get ideas added to the sight as soon as possible.

Executive Meeting Update

(Worel)

Executive Team met on October 24th.

North Dakota DOT joined NRRRA. Now 7 states and 53 associate members.

Funding now available for years 4 and 5 of the pooled fund study. \$500,000 has been allocated to the NRRRA – ICT team. There might be additional money if other teams do not use their allocated funds. Also, think about phased work.



Can extend projects 5 years beyond the end of a pooled fund.

Goal is to start getting scope of services together to get contract paperwork submitted in early January.

Looking for more ideas related to communications, marketing and articles to include in the NRRRA newsletter.

Reminder that you can subscribe to the NRRRA newsletter at:

<http://www.dot.state.mn.us/mnroad/nrra/newsletter/currentissue.html>

November 20th NRRRA research pays off is providing day long presentations on research activities.

Ideascale Presentations

Presentations were provided for the following topics:

“Lower Cost Highway Noise Abatement – ‘Invisible Noise Wall’” – Presentation by George Chang (Transtec Group)

“Evaluation of Levels 3-4 Intelligent Compaction Measurement Values (ICMV) for Soils Subgrade and Aggregate Subbase Compaction” – Presentation by George Change (Transtec Group) and Soheil Nazarian (University of Texas at El Paso)

“Support Importing, Viewing and Analysis of Dielectric Constant Data in Veta” – details provided by Rebecca Embacher (MnDOT) and Kyle Hoegh (MnDOT)

“Independent Verification of Intelligent Compaction and Paver Mounted Thermal Profile Methods” – details provided by Rebecca Embacher (MnDOT) and Kevin Kliethermes (MnDOT)