



Meeting Minutes: NRRRA Intelligent Construction Technologies (ICT) Team (Meeting No. 5)

(Agency & Associate Member Meeting)

Date: December 6, 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 checked="" type="checkbox"/>	American Engineering and Testing, Inc.	Derek Tompkins	dtompkins@amengtest.com
<input type="checkbox"/>	Caterpillar Global Paving	Bryan Downing	Downing_Bryan_J@cat.com
<input type="checkbox"/>	Caterpillar Global Paving	Todd Mansell	mansell_todd_w@cat.com
<input type="checkbox"/>	Concrete Paving Association	Matt Zeller	mjzeller@cpamn.com
<input type="checkbox"/>	The University of Texas at El Paso	Nazarian Soheil	nazarian@utep.edu
<input checked="" type="checkbox"/>	GSSI	Roger Roberts	roger@geophysical.com
<input type="checkbox"/>	GSSI	Roger Sommerfeldt	sommerfeldtr@geophysical.com
<input checked="" 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 type="checkbox"/>	Minnesota Asphalt Paving Association	Brandon Brever	bbrever@mnapa.org
<input checked="" type="checkbox"/>	Moba	Paul Angerhofer	pangerhofer@moba.de
<input type="checkbox"/>	The Transtec Group, Inc.	George Change	GKChang@TheTranstecGroup.com
<input type="checkbox"/>	Topcon Positioning Systems, Inc.	Evan Monroe	emonroe@topcon.com
<input 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 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: Choon Park (Park Seismic LLC)

Decisions Made

- None at this time.

Action items

- NRRRA-ICT Team | Please continue to brainstorm items that should be potentially funded by NRRRA in the future. Add items to Ideascale any time and just let the team know that you have done so at the next meeting.

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



Agenda

- Membership
- Ideascale
- Presentations on Ideascale items

Next Meeting

Date: January 3, 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: Review team rankings of Ideascale items, determine which items to move forward for potential funding, discuss technology rodeo further

Meeting Notes

NRRA – ICT Team Membership

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

- Derek Tompkins – American Engineering and Testing, Inc.
- Paul Angerhofer – Moba
- Evan Monroe – Topcon
- Jim Preston - Topcon
- Kevin Garcia – Trimble
- Devin Laubhan – Trimble

Ideascale

(Worel and Embacher) The online system will continue to be available. Please continue to update the ideascale with any additional items. These items can possibly be funded in the future if additional funds are available.

Ideascale Presentations

Completed current remaining Ideascale presentations.

Presentations were provided for the following 2 topics:



“HD and VHD Seismic Approaches for Roadway Evaluation” – presentation by Jason Richter (MnDOT) and Choon Park (Park Seismic LLC)

“Technology Rodeo for BIM for Pavements” – details provided by Rebecca Embacher (MnDOT) and Kevin Kliethermes (FHWA)

Discussions

Brainstormed ideas about technology rodeo. Discussed potential of having presentations on the day preceding or after the May, 2019 NRRA workshop. One full day would be allotted to allow interested vendors to present on various technologies and software available for use in construction. Further discussions still needed to determine whether executive team agrees and interest level of industry. Need to also decide as to whether to allow presentations by industry members that are not associate members of NRRA. This should be discussed further at next meeting. FHWA would be willing to help advertise.

Spreadsheet will be updated and sent out to team for ranking of Ideascale items from low to high priority. Rankings will be discussed at January meeting to determine which items to move forward for proposal to the executive team for funding.