

ISIC Subcommittee SC7 Material Delivery Management System (MDMS) Updates

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Draft AASHTO MDMS Provisional Practice

The draft AASHTO MDMS provisional practice was submitted to AASHTO in February. Discussions are still occurring as to how this document will be published by AASHTO.

We have an update meeting with AASHTO next Thursday, March 24th. I will keep you in the loop with any publication timeline updates.

There have been requests from various individuals for a copy of the latest version of the draft provisional practice. Consequently, MnDOT created a webpage to help share the latest draft version submitted to AASHTO to make it easier to share information with this ETG. The webpage can be found at:
<http://www.dot.state.mn.us/materials/amt/material-delivery-management-system.html>.

We currently have aggregate, concrete paving, ready-mixed concrete, asphalt paving, and truck counts included within the provisional. Again, as per previous discussions, this is being published as a “provisional”, and therefore, we will be able to continue to easily modify the document each year. Please let me know if there are any other material types that you would like to get added to this provisional practice, as we can start working on that this summer/fall.

As a side note, there have been a few requests asking for another data type to be added to the MDMS. During our past meeting, we had tabled this data type until the first round of publication was completed. Consequently, we will start working on the needed language and data fields associated with these measurements this summer/fall. I’m not sure what we will call it yet, but it will be the metrics that are measured and recorded by the pavers. This data would be a data set that would fall under the “loading and delivery event” data.

Agency Standardized MDMS Platform (Veta)

The contract has been executed for adding the MDMS to Veta (<https://www.intelligentconstruction.com/veta/>). The kickoff meeting to start this work will occur next week. Further information related to this contract can be

found at: <http://www.dot.state.mn.us/mnroad/nrra/structure-teams/intelligent-construction/veta-enhancements-mdms.html>. Again, these enhancements are being funded by the National Road Research Alliance (NRRRA) Pooled fund (<http://www.dot.state.mn.us/mnroad/nrra/index.html>). Currently, the following states are funding this initiative:

- California (Caltrans)
- Georgia DOT
- Illinois DOT
- Illinois Tollway
- Iowa DOT
- Michigan DOT
- Minnesota DOT
- Mississippi DOT
- Missouri DOT
- New York DOT
- North Dakota DOT

Please feel free to contact me if you would like to learn more about the NRRRA pooled fund and join either as an agency or associate member.

Truck Identification

Per our last meeting there was interest in a subgroup discussing further possible solutions to assist with truck identifications. I haven't forgotten about this task and will try to send out a doodle pool for potential dates soon. Per our last meeting, the following individuals were interested in participating in these discussions:

- Brad Cegla (Minnesota DOT)
- Ruairi Charlesworth (Highway Data Management Systems)
- Alan Cleeland (Meta-ct)
- Ed Collins (New York DOT)
- Curtiss Dorr (TOPCON)
- Curt Dunn (North Dakota DOT)
- Rebecca Embacher (Minnesota DOT)
- Charlie Groshens (Minnesota DOT)
- Patrick Holtz (Trimble)
- Bruce Jacobson (Butterfly Technologies)
- Kevin Kosobud (Minnesota DOT)
- Matt Selin (Minnesota DOT)
- Cedric Wilkinson (Iowa DOT)
- Chris Wright (Vulcan Materials Company)

Please let me know if you would like to be added to these subgroup discussions.

FHWA EDC-6 (E-Ticketing and Digital As-Builts)

Just a friendly reminder that the FHWA is an excellent resource for implementing E-Ticketing. More information can be found at: https://www.fhwa.dot.gov/innovation/everydaycounts/edc_6/eticketing.cfm.

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