**National Road Research Alliance (NRRA)**

**Team Meeting Agendas**

Wednesday, March 15, 2017 (Flexible)

**Meeting Highlights**

* Action Item – Teams review the short term State of Practice research topics (tack and long joint) and provide input at the next meeting on the next steps needed for each topic. Options include - MnDOT make some updates and/or MnDOT then complete or Hire a consultant to finish.
  + [Tack Coat](http://www.dot.state.mn.us/mnroad/nrra/structureandteams/flexible/documents/Tack%20Coat%20(Example%20of%20a%20tech%20transfer)%20-%20Draft%20Jan%202017.docx)
  + [Longitudinal Joint Construction](http://www.dot.state.mn.us/mnroad/nrra/structureandteams/flexible/documents/March17Draft%20Longitudinal%20Joint%20Document.docx)
* Action Item – Teams review and make final edits on the long term research topics so they are complete enough to get university proposals from per the univeriities and timeline shown below. We are hoping to have them updated after the next meeting. Need your help – Due March 31st – Share your updates so they can be posted on the web for others to edit from. Leads on the efforts remain the same.
  + Update
    - [Developing Best Practices for Rehabilitation of Concrete with Hot Mix Asphalt (HMA) Overlays related to Density and Reflective Cracking](http://www.dot.state.mn.us/mnroad/nrra/structureandteams/flexible/documents/Developing%20Best%20Practices%20for%20Rehabilitation%20of%20Concrete%20with%20Hot%20Mix%20Asphalt%20(HMA)%20Overlays%20related%20to%20Density%20and%20Reflective%20cracking%20(March%2017%202017).docx) (March 17 2017)
      * Combined from - [HMA Overlay and Rehab of Concrete](http://www.dot.state.mn.us/mnroad/nrra/structureandteams/flexible/documents/Rehab%20of%20Concrete%20Roadways%20with%20HMA%20Overlays%20feb17.docx)
      * Combined from - [Methods of Enhancing Compaction](http://www.dot.state.mn.us/mnroad/nrra/structureandteams/flexible/documents/Methods%20of%20enhancing%20compaction%20feb17.docx)
  + Update
    - [Cold Central Plant Recycling (CCPR)](http://www.dot.state.mn.us/mnroad/nrra/structureandteams/flexible/documents/LRRB%20CCPR%20Work%20Plan%20(March%2017%202017).docx)
  + Expect one lab testing contract (for all the flexible studies) might be required to do any testing MnDOT does not do. This contractor would be hired using MnDOT’s TRAP list. MnDOT will be working on getting the list put together on the testing and samples needed for the teams review. Will also disuss “round robin” testing that might want to be done in future team meetings.
* Note – MnDOT will provide the plans and special provisions to the team members after the April 27th letting. Currently they are in the contracting process and our MnDOT construction contracting need to control the versionNeed to look into what can be done knowing its going to be bid on by the contractors.
* Note – Team was open to test reflective crack materials in some of the joints for each test cell. This topic will be discussed more on what types and how many.

**Agenda Covered**

1. **Welcome & Introductions**
2. **General** 
   1. [NRRA Workshop & Conference – May 23-24, 2017](http://www.dot.state.mn.us/mnroad/nrra/pavementconference/index.html)
   2. Construction Letting – April 27, 2017 (change)
3. **Budget / Contracting**
   1. [Executive Committee Approves Budget](http://www.dot.state.mn.us/mnroad/nrra/2017construction/pdf/NRRA%202017%20Cost%20Estimate%20(March%202017).pdf)
   2. Contracting / Timing Discussion

**Expected for NRRA Tech Transfer and Lab Testing Needs**

1. TRAP CERTIFIED LIST PROGRAM (Direct Select) $100,000 max
   1. 4-6 Weeks Process Time
   2. List of contractors – <http://www.dot.state.mn.us/consult/documents/certified-lists/trap.pdf>
2. **Best Two Options for NRRA long term research needs**
   1. MASTER CONTRACT PROGRAM (Direct Select)
   2. 4-6 Weeks Process Time
   3. List of Universities (12/1/2016 List from Shannon)
   4. Iowa State University
   5. Michigan Technological University
   6. Montana State University (Western Transportation Institute)
   7. North Dakota State University
   8. The Texas A&M University System (Texas Transportation Institute)
   9. University of Minnesota & University of Minnesota Duluth
   10. University of New Hampshire
   11. University of Pittsburgh
   12. University of Wisconsin-Madison
   13. Minnesota State University – Mankato
   14. St. Cloud State University
3. FORMAL REQUEST FOR PROPOSAL (Non-Direct Select)
   1. (RFP) Contracts over $100,001
   2. 3-4 Month Process Time
4. **Long Term Research Review**
   1. Online Problem Statements Status (document)
5. **Short Term/Technology Transfer/State of Practice**
   1. NRRA Process Approved
   2. Online Problem Statements Status (document)
6. **Summary**
   1. Future Meeting Needs
   2. Action Items