

National Road Research Alliance (NRRRA)

GeoTechnical Team Meeting Notes

Thursday, January 5, 2017

12:30 pm – 1:30 pm (CST)

1. Welcome & Introductions

2. NRRRA Update

NRRRA Team approved to start 2/month meetings to focus on long and tech transfer needs

Action → MnDOT will setup the extra meetings starting in February going till March

Action → Open house at TRB – hope to see everyone

3. NRRRA Budget

a. Discuss draft MnROAD proposal for:

- i. Construction monitoring
- ii. Sensors – Purchase, installation, monitoring
- iii. Performance Monitoring

NRRRA Team approved of the general budget and MnDOT efforts related to the overall effort related to the proposed efforts and costs shown in the summary document and spreadsheet. The sensors planned were also discussed and some questions on the number of dynamic sensors. Note IC for HMA is included but IC for unbound materials is not due to contractor costs expected.

Action → NRRRA EC needs to approve of the overall budget and use of MnDOT staffing for NRRRA

Action → Updated Sensor lists will be shared before next meeting- reduction for some of the dynamic sensors is expected

Action → Ben post costs on the website for future review

4. Long Term Research

a. MnROAD Construction

- i. Design Features
 1. Any unresolved items
- ii. Special Provisions
 1. Any unresolved items

Dave VanDeusen updated the team and asked questions related to the construction plan

Action → Dave will be emailing the team on specific questions and needs a quick response back

b. Research Contract Development

- i. Contract Timing
- ii. Contractor Tasks
- iii. Other Sources of Information
 1. Outside of MnROAD

MnROAD working with UTEP related to a NCHRP study they are doing on IC unbound which UTEP is interested in the dynamic sensors and construction taking place at MnROAD.

Action → Ben meeting with UTEP at TRB – expect to develop a partnership to allow for IC efforts at MnROAD since it is not going to be included in the contractors work (not IC for HMA will be)

5. Short Term/Technology Transfer

a. Online Problem Statements

- i. Goal of January 2017
- ii. Sub-team updates

iii. Tasks required

b. Contracting Status – hold off till test on “tack coats”

Action → MnDOT will try a TT topic (tack coats) and report back to the team on format, time.

Action → Jerry and Ben suggest the format

Action → Discuss at the next meeting

6. Other items

7. Summarize/Prioritize Action Items