National Road Research Alliance (NRRA)
Flex Team Meeting Notes

Wednesday, January 3, 2017
10:00 am – 11:00 am (CST)

1. Welcome & Introductions

2. NRRA Update

NRRA 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. NRRA Budget

a. Discuss draft MnROAD proposal for:
   i. Construction monitoring
   ii. Sensors – Purchase, installation, monitoring
   iii. Performance Monitoring

NRRA 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. IC for the HMA will be done by the contractor but the IC for the unbound base is not due to equipment availability and expected hi costs for the unbound layers. UTEP partnership may help with some LVR cells.
Action  ➔ NRRA EC needs to approve of the overall budget and use of MnDOT staffing for NRRA
Action  ➔ Updated Sensor lists will be shared before next meeting (need Flex to look over all dynamic sensors and develop a plan)
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 (not a lot of discussion)
   i. Contract Timing
   ii. Contractor Tasks
   iii. Other Sources of Information
      1. Outside of MnROAD
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 → States provide tack coat specs – put online*

6. **Other items**

7. **Summarize/Prioritize Action Items**