

Meeting Minutes, September 29, 2016
TPF-5(268) National Sustainable Pavements Consortium
Web Meeting, 10:00AM-11:00AM

Attendees: Ben Bowers, VTRC (BB); Gerardo Flintsch, VT (GF); Steve Koser, PennDOT (SK); Alex Middleton, MSDOT (AM); Affan Habib, VDOT (AH).

- Welcome & update on what's on the TPF website (BB)
 - Pooled Fund Web Address: www.pooledfund.org/Details/Study/497
 - Available on website: 11 journal pre-prints, Quarterly Reports, Presentations, Meeting minutes and Research Needs Statements
- Discussion of new project (BB and GF)
 - Ben proposed evaluating compaction methodologies on in-place recycled materials.
 - Utilize new Wirtgen vibratory compactor and gyratory compactor
 - SK: Can we use this on any other materials? (HMA, WMA, etc.)
 - Ben proposed project evaluating the use of different additives on in-place recycled materials
 - SK: HIR was done this year, seems to be doing well. PA is testing slag for FDR – perhaps this could be considered.
 - AM: Mississippi State University is looking at FDR and CIR, Alex would be happy to share their latest report.
- Update on ongoing projects (Gerardo):
 - Synthesis
 - TRB paper submitted with pilot framework utilizing VA
 - Plans for contacting other states
- Other projects
- Are there any other needs from the states? Ways states and/or researchers can help states answer questions? (BB)
 - AH: What is the difference between LCA and LCCA?
 - GF: LCA and LCCA are similar in that both look at the whole life cycle of the pavement and consider all the interventions over the analysis period; however, the difference is that while LCCA accounts for the cost, LCA is much broader and accounts for all the environmental impacts (emission, use of virgin materials, etc.) over the analysis period. They both provide useful information while comparing project alternatives or selecting management strategies.
 - SK: There is about 3-million tons of RAP in one area in PA. how can it be utilized?
 - BB discusses the use of Cold Central Plant Recycling (CCPR) in Virginia and how it is being utilized on new construction and pavement rehabilitation.
 - GF: Perhaps there is room in the synthesis to tackle this question.
- Meeting in Blacksburg
 - Tentative date was picked as December 13-15 at the Virginia Tech Transportation Institute.