Final Minutes for NTPEP Geosynthetics TC Conference Call

8/14/17
1:00 PM EST

Call In Number: 888-585-9008
Passcode: 749-076-497

Welcome and Roll Call

<table>
<thead>
<tr>
<th>Name</th>
<th>Agency Name</th>
<th>Designation</th>
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<tbody>
<tr>
<td>John Schuler</td>
<td>Virginia Department of Transportation</td>
<td>Chair</td>
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<tr>
<td>Rodrigo A Herrera</td>
<td>Florida Department of Transportation</td>
<td>Vice Chair</td>
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<tr>
<td>Vince Glick</td>
<td>AASHTO-NTPEP</td>
<td>Liaison</td>
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<tr>
<td>Shannon G. Golden</td>
<td>Alabama Department of Transportation</td>
<td>Member</td>
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<td>Scott Eric Hughes</td>
<td>Illinois Department of Transportation</td>
<td>Member</td>
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<td>Scott Michael Sommers</td>
<td>Iowa Department of Transportation</td>
<td>Member</td>
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<td>Mark Lindemann</td>
<td>Nebraska Department of Roads</td>
<td>Member</td>
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<td>Thomas W Burnett</td>
<td>New York State Department of Transportation</td>
<td>Member</td>
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<td>Scott A. Hidden</td>
<td>North Carolina Department of Transportation</td>
<td>Member</td>
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<td>Sophie Brown</td>
<td>Oregon Department of Transportation</td>
<td>Member</td>
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<td>Tony M Allen</td>
<td>Washington State Department of Transportation</td>
<td>Member</td>
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<td>Jonathan Curry</td>
<td>Industrial Fabrics Association International</td>
<td>Other</td>
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<td>Douglas N Brown</td>
<td>Tensar International Corporation</td>
<td>Other</td>
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<td>Willie Liew</td>
<td>Tensar International Corporation</td>
<td>Other</td>
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<tr>
<td>Bill Real</td>
<td>AASHTO-NTPEP</td>
<td>Other</td>
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<tr>
<td>Joel Sprague</td>
<td>TRI/Environmental, Inc.</td>
<td>Other</td>
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<tr>
<td>Jarrett Nelson</td>
<td>TRI/Environmental, Inc.</td>
<td>Other</td>
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Also: Ian LaCour (MSDOT), Kevin Palmer (ARDOT), Derek Lee (MADOT), Jessica (GMA)

New Members/First Time Attendees Self-Introduction

Approve Minutes of May 9, 2017 Conference Call - unanimous

Action Items from the May 9, 2017 Conference Call:
• Overhaul Work Plans (John, Rodrigo – Aug 31)
• Revise GTX and REGEO Work Plans for conditioning times (John, Rodrigo – Aug 31)
• Revise GTX and REGEO Work Plans and DataMine to note CoV values are not to be used in MARV calculations (John, Rodrigo, Vince – Aug 31)
• Revise GTX and REGEO Work Plans to designate number of rolls to be sampled (Joel – Aug 7)
  o Joel’s recommendation for the sampling requirement has been sent to John for review.
  o John will include in draft of Work Plan to be balloted, that the TC will get first for review. They are:
  o “It is imperative that the product obtained for cyclic qualification / re-qualification testing represents actual current production of the product. Thus, to this end, the inventory made available to the auditor from which to pick a sample roll must be from a production, or production(s), of at least 10 rolls manufactured within the 12 months immediately previous to the date of the audit. Further, at least 6 rolls from this production, or productions, representing various times during the production(s), shall be retained and made available for sampling. The auditor will select one roll at random. A full roll list and a lot summary for the production lot from which the auditor selects a sample shall be furnished to the auditor.”
• Determine if any resolution through NTPEP for PL/source compliance issue identified by Auditor (John, Rodrigo, Joel, Vince – May 31)
  Product being obtained for PL reselling coming up inadequate when QA tested, and some frustration from PLs that this is happening when man’t are to be compliant. John stated it would be OK for AASHTO Staff/TC Chair to know about these instances so we can trace it. It was stated the issue comes up in the field too when product doesn’t meet spec in field. It was asked is there more of a policing aspect NTPEP can do. John said is up to states, said states can email each other policies after call. Source compliance reporting will remain confidential when there is a failure at the business-to-business level (prior to state distribution).
• Revise GTX Work Plan to state printed name must match name on label (John – Aug 31)
• Revise GTX Work Plan and Audit Reports to note face of jaws in ASTM D4632 tests other than plain smooth steel must be noted; also note in DataMine? (John, Joel, Vince? – Aug 31)
• Revise REGEO reports Executive Summary (John, Rodrigo – Aug 31)
• Revise REGEO Work Plan for 18-month grace period (Rodrigo – Aug 31)
• Filter on UV test in DataMine in GTX and REGEO (Vince – Jun 30)
  o Filter is next up on list, want the filter to more easily export data to states, staging testing today, done by Wed, about another week to implement filter.
• DataMine consistency between old and new reports, Interpeted Table values (Rodrigo, Vince – update Aug 7)
  o Have been able to migrate old data into new reports. Vince will send out email to TC to let know of this, with guide walking us through accessing historical reports; TC reporting of expiring reports will result in the removal of those reports from DataMine. Still working on interpreted table. Tony wants to look at it to see what is there. But these are only current reports, not ones since expired.
Pullout and Direct Shear and Installation Damage Task Forces formed and started (Rodrigo – update Aug 7).
  
  o Ask group where we want to go on this – have not changed anything thus far, tests are still optional. Tony said if make mandatory still need standardized soils and in work plans on what to test. Rodrigo will develop in next few weeks and run by TC, maybe start with Scott, Tony, John. Even if optional still need standardization. NC working on 3 soils with 3 loads is about $30k. GMA/Tensar said need to submit data at times, so some date is there. Tony said often after tests resistance factor is lower (more conservative) than AASHTO, though get to use less conservative model. Sheet pullout will be less than 0.9 most often, will not typically control except for strips. NCDOT said gave a man’f the option, and man’f chose to spend to do testing. Rodrigo will develop draft for optional or mandatory whichever we decide, and REGEO report will either confirm AASHTO or say it is weaker; Tony said that will make it less costly. FLDOT does not do whole set of pullout and whole set of direct shear; will draft for both. After 20 ft high things normalize, so 20 ft is the limit for load testing for direct shear. Pullout a concern in upper 5-10 ft. Install Damage need to model at higher end of D50 to be more close to what states are doing, which is #57 stone, Rodrigo/Scott/Tony in agreement, labs think making the switch should not be difficult. For FL 57 is more representative. Willie said last call we were talking about making a survey of what equipment is typical, as we are using heavy equipment in test now; Tony said we did survey before, conclusion was we wanted something big. We thought 15k was too low, so we went with 25k. When survey went out last time, concern from Industry that question was not fully understood by states, did not realize would cause more expensive walls. Survey all states again. Do man’f recommend a certain size roller? Ask about stone size too. Scott said some reports don’t use AASHTO classification, but other size classes.
  
  o Consensus during the call ➔ Having a work plan available for this is necessary, even if it is optional. Question is, is this expensive testing data high enough in terms of use by the states to be required by the work plan?

Joint AASHTO TS-4e/NTPEP GTX Task Force on Roadway Geosynthetics formed and started (John – update Aug 7)
  
  o Doug was there, said he will prepare a written summary.
  
  o TC/AASHTO to prepare Work Plan for balloting by states this fall.

Webinar production (John, others – underway by June)

Lead state help (John, Rodrigo – underway by June)

New Business:

• Issue brought up: How to make use of a GTX # of one year with sources of older year GTX numbers. John said up to states. Asked states to send in any examples of how they are handling this. [One state did respond.]
• Proposed revisions to the material used for installation damage testing, particularly the switch to 57 stone.
  
  o Have a survey sent out with the QUESTION: “Here are the typical compactor sizes used? Choose the one your state currently uses” (Rodrigo)
• Include in GTX program testing of all paving interlayer products, not just fabrics but mats, grids, composites, strips? John will add language to Work Plan for balloting.
Next Conference Call – Tuesday November 14, 2017, 1:00 PM EST

Action Items:

- Overhaul Work Plans (John, Rodrigo – Sep 20)
- Revise GTX and REGEO Work Plans for conditioning times (John, Rodrigo – Sep 20)
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- Filter on UV test in DataMine in GTX and REGEO (Vince – Sep 20)
- DataMine consistency between old and new reports, Interpeted Table values – send out guide for TC (Vince – Sep 20)
- Include optional testing in REGEO Work Plan for installation damage, pullout, and direct shear testing. (Rodrigo – Sep 20)
  - Send survey to states through AASHTO SoM: Ask states what stone size and roller weight they would like used for Installation Damage testing. (Rodrigo, John – Sep 10)
- Have draft Work Plan for Subgrade Reinforcement ready for states to Ballot (Rodrigo, John – Sep 20)
- Webinar for states on NTPEP GTX Program to be hosted this fall (John, team – Sep 30)
- Lead state help (continuing).
- Anything further needed on issue of guidance on incorporating older GTX reports? (John – Sep 20)
- Add testing for all paving interlayer products to GTX Work Plan (John – Sep 20)