



NATIONAL TRANSPORTATION  
PRODUCT EVALUATION PROGRAM

**Spray Applied Pipe Liners (SAPL)  
Technical Committee Meeting Agenda  
Working Session # 12  
Wednesday, March 15, 2017 1:00PM – 2:00PM**

**Please complete the electronic attendance sheet**

**1) 1:00PM-1:10M: Call to Order and Introductions**

Karen called the session to order. Self introductions were made.

**2) 1:10PM-1:15PM: Review of Current Technical Committee Members (Insert membership list from NTPEP website)**

Byram, Karen	karen.byram@dot.state.fl.us	Florida Department of Transportation	Chair	Voting
Syar, Jeffrey	jeffrey.syar@dot.state.oh.us	Ohio Department of Transportation	Vice Chair	Voting
Malusky, Katheryn	kmalusky@aaashto.org	American Association of State Highway and Transportation Officials	Liaison	None
Eames, Alexandra Louise	aeames@aaashto.org	American Association of State Highway and Transportation Officials	AASHTO Staff	None
Ingram, Steven	ingrams@dot.state.al.us	Alabama Department of Transportation	Member	Voting
Anderson, Kenny	kbanderson@indot.in.gov	Indiana Department of Transportation	Member	Voting
Ashurst Jr., Kean Hart	kean.ashurst@uky.edu	Kentucky Transportation Center	Member	Voting
Kline, Therese R.	klinet@michigan.gov	Michigan Department of Transportation	Member	Voting
Carmody, Brian Richard	Brian.Carmody@dot.ny.gov	New York State Department of Transportation	Member	Voting
Tremblay, M.S., P.E., Jason P	jason.tremblay@vermont.gov	Vermont Agency of Transportation	Member	Voting
Schuler, John	john.schuler@vdot.virginia.gov	Virginia Department of Transportation	Member	Voting



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Boston, Massachusetts**

Rublein, John	john.rublein@dot.wi.gov	Wisconsin Department of Transportation	Member	Voting
Royer, Joseph Robert	joe.royer@milliken.com	Milliken Infrastructure Solutions, LLC	Other	Non-Voting
Henning, Steven	stevehenning@quadexonline.com	Quadex Lining Systems	Other	Non-Voting
Reynolds, Gary Cole	garyreynolds@strongseal.com	The Strong Company Inc.	Other	Non-Voting
Paredes, Mario Arturo	mparedes@tri-env.com	TRI/Environmental, Inc.	Other	Non-Voting

### 3) 1:15PM-1:20PM: Brief summary of the technical committee (for those states who do not participate in quarterly calls or who are new to NTPEP)

This committee oversees the work plan that covers the evaluation of structural and non-structural cementitious and resin based spray applied liners for storm water conveyance conduits. This work plan utilizes laboratory testing to evaluate material durability and structural capacity used for the spray applied liner. Different laboratory material testing is required for the resin based liner versus the cementitious liner. The Work Plan was balloted and is now posted on the NTPEP website. The RFP process is ongoing for testing facilities with solicitation of questions closing on Friday March 17<sup>th</sup>.

There was a question to how many submittals should be expected. Karen and Jeff said they have been approached by 6 companies, some of whom helped develop the work plan. John Schuler stated Virginia has 5 products they have investigated.

There was a question about how/when products would be submitted for testing. Ryan explained that starting out there will likely be a rolling submission. Once the program gets underway, a decision by the committee working with the selected test facility can decide if product submittals will be a rolling cycle or annual submittal.

Karen explained how installation will be done at a testing facility by the Manufacturer.

Jeff discussed how the pipe will be cracked and the liner material will then be applied.

### 4) 1:20PM-1:25PM: Review of Outstanding Action Items

- a) Resolve Work Plan Issues
  - a. Laboratory contract bid solicitation review
- b) Product submittals are contingent on the Laboratory contract, testing solicitations are expected to begin in late summer or early autumn
- c) DataMine development for the data reporting
- d) Pooled fund

Three universities submitted – Information will be shared with the partner States. The research tasks will be to document what Industry presently is doing for recommendations to AASHTO and to collect information that will be shared with NTPEP to be considered for updating the Work Plan and testing program.

Discussion on how to determine life cycle of these structural coatings; this is a starting point.



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Industry discussion of what value present installations could provide to this study. Jeff said he would take any contact information and provide that to the researchers.

Is there a minimum diameter of pipe? 30" pipe was discussed as a practical minimum with present technologies.

- e) Usage Guide for Work Plan development
- f) New Chair – Karen has to step down as Chair due to being Chair of the Detectable Warnings section. Karen nominated Jeff Syar, present Vice-Chair, to become the Chair. Several names were then forwarded as the new Vice-Chair and Brian Carmody volunteered/was nominated and accepted as the new Vice-Chair.

**5) 1:25PM-1:35PM: Industry Concerns**

There was an open discussion about how the NTPEP work, and other design and research going on with these products. While there are numerous liner installations, there is little structural design data or life expectancy calculations yet available.

**6) 1:35PM-1:45PM: Open Discussion**

The question of resubmittals. Jeff clarified it is every 4 years except for structural testing which is once and done. John Schuler discussed how several thicknesses will have to be applied to collect data to create curves.

Prior to the next conference call tentatively scheduled for April, the contracts will be reviewed by the Chair, Vice-Chair and Ryan Fragapane, and awarded.

**7) 1:45PM-1:55PM: Review of Action Items for 2017**



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