Minutes from NTPEP HDPE Pipe Conference Call
Tuesday, June 11 at 1:00 PM (EST)

Attendees: Ed Hughes (IL DOT); Russ Willacker (Microbac); Pete Kemp (WI DOT); Terry McElfresh (ADS); Greg Baryluk (ADS); Brian Chestnut (Lane Enterprises); Evan Rothblatt (AASHTO); Pete Spellerberg (AASHTO); Katheryn Malusky (AASHTO); Ed Lucas (NYS DOT); Randy Pace (NC DOT); Kenny Anderson (IN DOT); Merrill Zwanka (SCDOT); Temple Short (SC DOT); Mario Paredes (FL DOT); Dave Meggers (KS DOT); Michael Pluimer (TRI); Paul Sullivan (AZ DOT)

1.) 1:00 pm-1:10 pm → Modified Work Plan – Regard to new SP.
   Informed others of having been completed and in line with document of Standard Practice. Must be reviewed and completed by November 1st. Kenny stated that we need to review among NAP committees to evaluate details then distribute. Standard Practice on NTPEP web site. Katheryn made statement that we do not want various versions out.

Overview of Changes-

SP document overall for NAPs

Information already covered in SP removed from WP

No content changes

Some formatting and consistency issues need to be resolved across all NAPs

2.) 1:10 pm-1:30pm → 100 year service life work FL DOT funded to justify 100 years service life for HDPE pipe, Mario Paredes, P.E. (FL DOT)

Mario anticipates additional (above and beyond M294) testing will be necessary to validate 100 year life for HDPE.

Kenny Anderson made statement that this would also be a design item.

Dave M stated that he would present to KDOT design.

FLDot not relying on models for HDPE degradation, looking for indicators that happen before degradation to define end of service life.. Focus on conservative model so FLDot is protected.

Ed Lucas concerned about cost of testing due to the large uncertainty in the calculations. Mario stated cost of about $50,000 but cost can be minimized if current available information gathered at Fl and Pa is used. Some states would address life span via design policy, FDOT all on the materials side

Design life requirement often legislated: FL, PA currently requires NTPEP needs more support than 2 states. QC/QA cost can be significant for the manufacturer and DOT
Katheryn suggests Mario present to the TC the differences and findings from before and after FDOT change to 100yr requirement
M. Pluimer says that NTPEP follows M294, if M294 changes then this TC can react—could possibly be non-mandatory (ANNEX) information with states determining design life
FDot getting samples from projects and testing. Will share information.
ADS approved three others presently doing testing.
Meggers stated that Mario should present NTPEP with a clear description of required changes. Stated that we need to consider all members.
Katheryn stated that agreement is needed between NTPEP and the manufacturers.
Mario stated that they have learned how and where pipe will fail. Benefits to testing.
Mike P questioned if FIDOT is proposing changes to M294. NTPEP based on present M294. Florida will like the changes in M294.
Mario willing to do presentation for later conference call to start educating other DOTs.
FIDOT wanting to simplify the protocol for testing.
Action Item, bring presentation to this group or to SOM committee first.

3.) 1:30 pm-1:45 pm → Questions/Comments/Concerns from Independent NTPEP Test Laboratories.
  Microbac, question on minimum wall thickness.
  Minimum NCLS hours on resin material. Work plan will be changed according to SOM changes.
  Will be clarified.
  Katheryn editorial changes and increase of number of samples and decrease in the amount of resin.

4.) 1:45 pm-1:50 pm → Comments/Questions/Concerns from Chairman and Vice-Chairman

5.) 1:50 pm-2:00pm → Open Discussion
  Katheryn, NTPEP working on third party auditors. Audits will remain annual.
  Question on joint testing on PE pipe, review states on ways to incorporate in work plan.
  Ed Lucas described test. Has vacuum and hydrostatic portion. Hydrostatic more dangerous.
  Meggers, who is capable of doing testing? Microbac can go up to 36 inch testing.
Mike P stated there is interest in developing new methods to evaluate joints. Task Group for defining joint performance in field, has definitions, field and lab requirements. Meggers, throw out to members and determine interest in performance of test.

**Industry members drop off call**

6.) 2:00 pm-2:15pm → Discuss audits that have been completed since the 2013 Annual NTPEP Meeting
   Fitting do not always have date and specification reference. If any DOT people see anything that is missing please contact NTPEP auditors.