Jeff Syar, P.E.  
Administrator - Office of Hydraulic Engineering  
(NTPEP Chair - Spray Applied Liners)
WHAT IS NTPEP

- National Transportation Product Evaluation Program (NTPEP)

- Established within AASHTO in 1994, as a technical service program, who reports to the Standing Committee on Highways (SCOH)

- Combines the professional and physical resources of the AASHTO member departments in order to evaluate materials, products and devices of common interest for use in highway and bridge construction

- Primary Goal- provide cost-effective product evaluations for the state Departments of Transportation (DOT)
WHAT NTPEP IS NOT

- NTPEP does NOT evaluate “New Products”

- NTPEP does NOT pass or fail products

- NTPEP does NOT replace the Quality Assurance activities of state DOT’s

- NTPEP does NOT supersede State Requirements
NTPEP’S MISSION IN SUMMARY

- **Simplify** the product evaluation process

- **Make it more** cost-effective for Industry and States

- Reduce duplication of efforts by State DOTs.

- Serve as a “One Stop Shop” for Industry
NTPEP TECHNICAL COMMITTEES

Construction

Evaluations
- Asphalt Release Agents (ARA)
- Concrete Admixtures/Concrete Curing Compounds (CADD/CCC)
- Epoxy and Resin Based Adhesive Bonding Systems (ERB)
- Portland Cement Concrete Joint Sealants (JS)
- Warm Mix Asphalt Technologies (WMA)

Audit Programs
- Corrugated Metal Pipe (CMP)
- Erosion Control Products (ECP)
- Elastomeric Bridge Bearing Pads (EBB)
- Geosynthetics (GTX & REGEO)
- Guardrail/Guiderail (GRL)
- High Density Polyethylene Plastic Pipe (HDPE PIPE)
- Polypropylene Pipe (PPP)
- Polyvinyl Chloride Drainage Pipe (PVC)
- Reinforcing Steel/Welded Wire Reinforcement (REBAR/WWR)
NTPEP TECHNICAL COMMITTEES

Traffic Safety

Evaluations
- Pavement Marking Materials (PMM)
- Portable Changeable Message Signs & Flashing Arrow Panels (PCMS/FAP)
- Raised Pavement Markers/Snowplowable Raised Pavement Markers (RPM/SRPM)
- Sign Sheeting Materials/Roll Up Signs (SSM/RUP)
- Temporary Traffic Control Devices (TTCD)
- Detectable Warning Systems (DWS)

Maintenance

Evaluations
- High Friction and Thin Overlays (HFTO)
- Hot Mix Asphalt Crack Sealant (CS)
- Rapid Set Concrete Patch Materials (RSCP)
- Spray Applied Pipe Liners (SAPL)
- Structural Steel Coatings/Concrete Coating Systems (SSC/CCS)
HOW NTPEP WORKS

- Products are evaluated according to nationally recognized test methods (e.g. AASHTO, ASTM)

- When standards do not exist, the NTPEP Technical Committee convenes and establishes test protocols through ballot consensus process

- Testing Service Fees assessed to industry cover actual costs for field and lab testing of products
BENEFITS OF USING NTPEP - STATES & INDUSTRY

- Cost savings from reduced testing and auditing
- Improved product quality acceptance
- Reliable, independent test results
- Shop for products to populate your QPL/APL
BENEFITS OF USING NTPEP - STATES & INDUSTRY

- Shared expertise and experience
- Partner with other states to raise the quality bar
- Given budget cutbacks, staffing shortages, and increased demands on transportation infrastructure, the NTPEP mission is relevant.
GETTING STARTED

- Review Program Areas (NTPEP.org) and Work Plans
- Decide which programs could benefit your state
- Involve the subject experts in your Department
- Join Technical Committee and offer input
NTPEP’S DATAMINE WEBSITE- NEW VERSION 3.0

- Data repository for evaluation results
- Accessible to all individuals with a valid state transportation agency email
NTPEP ANNUAL MEETINGS

- Each **contributing** state gets to send 1 representative **free of charge**

- Every technical committee’s chair and vice chair gets to attend **free of charge**

- AASHTO Committee NTPEP Liaisons get to attend **free of charge**
2018 NTPEP ANNUAL MEETING

• April 22 - 26th, 2018

• Norfolk Waterside Marriott - Norfolk, VA

• Registration through the NTPEP website, www.ntpep.org
EXAMPLE INDUSTRY PARTICIPATION

- American Traffic Safety Services Association (ATSSA)
- Geosynthetics Materials Association (GMA)
- Society of Protective Coatings (SSPC)
- Plastic Pipe Institute (PPI)
- National Corrugated Steel Pipe Association (NCSPA)
- Erosion Control Technology council (ECTC)
- Concrete Reinforcing Steel Institute (CRSI)
- American Concrete Pipe Association (ACPA)
States don’t want to require NTPEP until more manufacturers are participating

Manufacturers don’t want to invest in NTPEP testing until they see more States requiring it
QUESTIONS?

www.NTPEP.org
data.NTPEP.org

Jeff Syar, P.E.
Administrator, Office of Hydraulic Engineering
NTPEP Chair SAPL
email: Jeffrey.syar@dot.state.oh.us

Katheryn Malusky
Program Manager, NTPEP
AASHTO
email: kmalusky@aashto.org