

# **National Transportation Product Evaluation Program**

## **High Density Polyethylene Pipe Work Plan**

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# HDPE Work Plan

- Combines three programs into one:
  - NTPEP
  - Plastic Pipe Institute (PPI)
  - Eastern States Consortium (ESC)

# HDPE Work Plan

- Establishes a list of manufacturing plants and pipe products that **conform** to the quality control and product testing requirements of the work plan
- By participating in this program, the manufacturer agrees to produce thermoplastic pipe that meets or exceeds the requirements in AASHTO M294 or M252 and to follow the minimum quality control provisions of the program

# HDPE Work Plan

- Testing (but much more than testing)
- Evaluates products and manufacturing plants
- Requires manufacturer to have a Quality System Manual
- Includes onsite plant audits
  - Conducted by AMRL
  - States invited to participate
  - Initial and annual audits

# HDPE Work Plan

- Testing once in five year period
- All sizes, all styles must be tested
- NTPEP/AMRL will sample randomly at every plant during every audit visit, so pipe is also tested annually

# HDPE Work Plan

## ■ Benefits to states:

- For one small annual contribution to the NTPEP pooled fund you can either reduce your testing or improve your confidence in the materials you are receiving
- Improved confidence comes from an owner-based, owner-controlled quality assurance system
- Auditing is done by professional auditors from AMRL, who only focus on auditing and who know the business, materials, producers and testing standards
- Professional lab testing by TRI

# HDPE Work Plan

- Questions?
- Website: Google NTPEP