Introduction

The following presentation will include:

- An overview of NEPCOAT and its accomplishments
- NEPCOAT’s tie to the AASHTO NTPEP national testing program
- Current and future activities
Horns of a Dilemma
NEPCOAT

- NEPCOAT, i.e. North East Protective Coatings Committee
- NEPCOAT is a committee formed by representatives of the Northeastern states
- NEPCOAT states: CT, MA, ME, NH, NJ, NY, PA, RI, VT & DE
Current NEPCOAT States
Purpose

- Development of standardized and mutually endorsed testing criteria, approval specifications and qualified product lists for the member states of the Northeast region.
Factors behind the formation of a regional workgroup

- Reduction in staffs and budgets
- Lack of equipment
- Need for expanded knowledge base
- Lack of standardized approval criteria
- Need for increased communication
Benefits

- Regional test methods and specifications
- Allows for shared experience, knowledge and capabilities of the entire region to develop shared specifications (pooled resources).
- Standardized QPL for the Northeastern Region
- Reduces redundant vendor/manufacturer approval testing (state-by-state basis)
- Strengthened customer position with industry/manufacturers/agencies.
Too Close to the Issue
Chronology

- 1992 - Initial meetings between Me, Vt, NH
- 1995 – NJ and PA join
- June 15, 1995 - Specification finalized
- 1996 – Bare Steel QPL established
- 1999 - NEPOVERCOAT program
- 2002 - Adopted NTPEP as data source
- 2003 – NEPOVERCOAT QPL established
Chronology

- 2004 – Advised in formation of SEPCOAT
- 2005 – Approval of first two coat system
- 2006 – Adoption of standardized ranges on index tests during approval
NEPCOAT Accomplishments

- NEPCOAT Bare Steel Specification and QPL
- Overcoat field testing program; NEPOVERCOAT and QPL
- Coordinated review of coating-related ASTM/AASHTO specs and the NTPEP coating program
- Mutual support and cooperation on coating issues
NEPCOAT Bare Steel Specification and QPL
NEPCOAT Bare Steel Specification and QPL
NEPCOAT’s Tie to the AASHTO NTPEP

- NTPEP – National Transportation Product Evaluation Program
- NEPCOAT (Bare Steel) testing goes nationwide through NTPEP and AASHTO R-31
- NEPCOAT uses NTPEP data to generate their QPL for bare steel applications
NEPCOAT Overcoating Program (NEPOVERCOAT) - Background
Overcoat Field Testing Program (NEPOVERCOAT)

- Intended to provide a standardized protocol for evaluation and approval of maintenance coatings on existing painted steel surfaces.
Goals

- Provides data on application and field performance of a wide range of coatings over a number of surface/prep conditions.
- Coatings can be compared on the same surface conditions in several environments.
- Data used to develop NEPCOAT approval criteria and Overcoat QPL
Test Site Locations

- Farmington, Maine (Inland-Rural)
- Scarborough, Maine (Coastal)
- New Haven, Connecticut (Coastal-Urban)
- New Castle, Pennsylvania (Rural)
Current NEPOVERCOAT Test Sites
Current/Future Activities

- Continued maintenance, revision and administration of programs, specifications and QPLs
- Review, ballot and approval of new systems from AASHTO/NTPEP
- Improvement of product identification and manufacturer production tolerances
- Adaptation to OTC VOC regulations
- [www.NEPCOAT.org](http://www.NEPCOAT.org)
First Step?
QUESTIONS