

The purpose of this document is to establish a *Bridge Preventive Maintenance Program* to extend the service life of the existing infrastructure. The following list of various activities and treatments is submitted for determination of eligibility for inclusion in the Connecticut Department of Transportation's Bridge Preventive Maintenance Program.

## **Items for Inclusion in the Connecticut Department of Transportation's Bridge Preventive Maintenance Program**

- 1. Bridge Deck Drains**
  - Cleaning of existing drain systems including scuppers and weeps
  - Repair/Rehabilitation/Replacement of deck drain systems which improve flow
- 2. Bridge Painting**
  - Localized Painting of Beam Ends and Cap Girders
  - Full Bridge Painting
- 3. Bridge Bearings**
  - Replacement of older style bronze/sliding plate bearings with elastomeric bearings
- 4. Bridge Joints**
  - Repair/Rehabilitation/Replacement of Bridge Joint Systems
- 5. Bridge Cleaning**
- 6. Steel Repairs**
  - Repairs to steel superstructure and or substructure elements
- 7. Concrete Repairs**
  - Repairs to concrete superstructure and or substructure elements
  - Application of Protective Coatings
- 8. Bridge Decks**
  - Repairs to the deck
  - Repair/Replacement of protective systems (Membrane and Bituminous Wearing Surface)
- 9. Scour Countermeasures**
  - Installation of Scour Mitigation measures
- 10. Timber Repairs**
  - Repairs to timber decks and or superstructure and or substructure elements
- 11. Protective Fencing and Rail Systems**
  - Repair/Upgrade of Bridge Rail
  - Safety Enhancements