Program Update

Larry Galehouse, PE, PS,
Director, National Center for Pavement Preservation

2015 SCOM Annual Meeting
Des Moines, Iowa
Resolution 01-03
AASHTO Highway Subcommittee on Maintenance

RESOLUTION REGARDING
THE NATIONAL SUPPORT FOR
THE CENTER FOR PAVEMENT PRESERVATION

July 17, 2003
Duluth, Minnesota
Policy Resolution PR-5-03
AASHTO Board of Directors

Title:
THE NATIONAL SUPPORT FOR THE CENTER FOR PAVEMENT PRESERVATION (01-03)

Approved
September 7, 2003
Resolution 04-01
AASHTO Highway Subcommittee on Maintenance

RESOLUTION REGARDING THE ESTABLISHMENT OF
A TRANSPORTATION SYSTEM PRESERVATION
TECHNICAL SERVICES PROGRAM

July 1, 2004
Bismarck, North Dakota
Policy Resolution   PR-10-05
AASHTO Board of Directors

Title:
ESTABLISHMENT OF A TRANSPORTATION SYSTEM PRESERVATION TECHNICAL SERVICES PROGRAM

Approved
May 8, 2005
Disseminate information to AASHTO member agencies for preserving their highway infrastructure, including both pavements and bridges.

Serve as a clearinghouse with comprehensive and up-to-date information on efficient and effective preservation measures that enhance highway performance and extend useful life.
Examples

- Disseminating technical documents and news
- Networking opportunities to share good and bad practices
- Viewing treatment demonstrations using best practice techniques
- Learning about new products
- Collaborating on the development of guidelines and specifications
Examples

- Developed new preservation specifications
- Produced educational videos and PowerPoints
- Linked on-going research projects
- Demonstrated new products, equipment, and applications
- Restructured websites to make information more accessible
- Organized national meetings for pavement preservation and bridge preservation
Standing Committee on Highways
  John Barton (Chair) - Texas DOT

Subcommittee on Bridges & Structures
  Gregg Freeby (Vice Co-Chair) - Texas DOT
  Bruce Johnson, Oregon DOT
  David Juntunen, Michigan DOT

Subcommittee on Design
  Judith Corley-Lay, North Carolina DOT

Subcommittee on Maintenance
  Jennifer Brandenburg (Vice Co-Chair) - North Carolina DOT
  Nancy Albright, Kentucky TC
  George Conner, Alabama DOT
  Lloyd Neeley, Utah DOT
  Erle Potter (EMTSP) - Virginia DOT
  Vacant – (Northeast or Midwest)

Subcommittee on Materials
  Colin Franco, Rhode Island DOT

Subcommittee on Transportation Asset Management
  John Selmer, Iowa DOT
Support

• **State DOTs** (47 contributors)

• **National Industry Members**
  — 20 pavement preservation
  — 32 bridge preservation
Involvement

- State DOTs
- County Road Agencies
- Municipalities
- FHWA
- MPOs
- Canadian Provinces
- Consultants
- Academia
- Industry
Resolution 01-10
AASHTO Highway Subcommittee on Maintenance

IMPLEMENTATION OF
PAVEMENT PRESERVATION RESEARCH INITIATIVES

July 19, 2001
Hershey, Pennsylvania
Transportation System Preservation Research, Development, and Implementation Roadmap
# Preservation Research Roadmap

## Pavement Preservation
- Asset Management
- Design
- Construction
- Materials
- Contracting Methods
- Performance

## Bridge Preservation
- Asset Management
- Decks and Joints
- Superstructures
- Substructures
- Project Selection
- Performance

**1,236 Reviewed Pavement Projects**

**483 Reviewed Bridge Projects**
In 2008, the FHWA, AASHTO, and the highway preservation industries, documented a study delineating the most critical knowledge gaps in pavement and bridge preservation and the research necessary to fill those gaps. This Research Roadmap database identifies and documents completed and ongoing R&D projects in the area of bridge and pavement preservation. It will allow researchers and practitioners to (a) share research findings across the nation, (b) avoid duplicate efforts, (c) integrate separate research studies to address an overall research gap, and (d) build on the existing knowledge base.
Resolution 14-05
AASHTO Highway Subcommittee on Maintenance

SUPPORT FOR CONTINUING AND EXPANDING PAVEMENT PRESERVATION RESEARCH

July 31, 2014
Charleston, West Virginia
All Partnerships
Financially Supported Future Preservation Research
Thank You