National Center for Pavement Preservation

Todd Shields Emulsion Task Force December 12, 2023





QUICK FACTS ON NCPP

- Currently administering AASHTO Technical Services Programs
 - Pavement Preservation
 - Bridge Preservation
 - Equipment Management











AASHTO Technical Services Program

- AASHTO TSP2 PRESERVATION MANAGEMENT
 - Initiated as an efficient means to disseminate information for preserving the nations infrastructure





NCHRP 20-44(26)

Implementing Guide Specifications for the Construction of Chip Seals, Micro Surfacing and Fog Seals

> Purpose of this project was to actually construct projects using

them in each region





NCHRP 20-44(26)

> Northeast

- Maryland SHA Micro surfacing
- New Hampshire Chip Seal
- Vermont AOT Chip Seal
- Connecticut DOT Fog Seal
- Nova Scotia PW Micro Surfacing

> Midwest

- > Illinois DOT Chip Seal
- Missouri DOT Chip Seal
- Ottawa Co. MI Chip Seal
- > Ottawa Co. MI Fog Seal
- Ottawa Co. MI Micro Surfacing
- North Dakota DOT Chip Seal
- > North Dakota DOT Fog Seal

≻Rocky Mountain West

- Montana DOT Chip Seal
- Utah DOT Chip Seal
- Alaska DOT Fog Seal

≻Southeast

- Alabama DOT Micro Surfacing
- West Virginia DOT Chip Seal
- West Virginia DOT Micro Surfacing
- Virginia DOT Chip Seal
- Virginia DOT Fog Seal
- Virginia DOT Micro Surfacing
- Rankin Co. MS Micro Surfacing
- Mississippi DOT Chip Seal
- Mississippi DOT Fog Seal
- Mississippi DOT Micro Surfacing





NCHRP 20-44(26) - Fog Seal Projects



NCHRP 20-44(26) - Chip Seal Projects



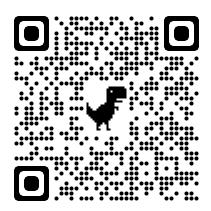
NCHRP 20-44(26) - Micro Surface Projects

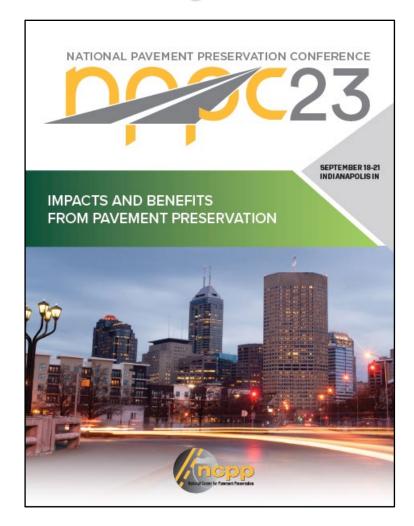


National Pavement Preservation Conference

National Pavement Preservation Conference September 18th – 21st, 2023 Indianapolis, IN

https://nationalpavement2023.org/







National Pavement Preservation Conference

September 18–21, 2023

Indianapolis, Indiana

Over 660 Attendees

~340 Industry and Academia

47 National Members

~320 Agency and Federal

• 188 DOT's

• 119 LPA's

• 11 FHWA

 Over 80 technical and plenary presentations



September 18-21 • J.W. Marriott Hotel • Indianapolis, Indiana

2024 Regional Pavement Preservation Partnership Meetings



March 19–21, 2024 ▶ Hot Springs, Arkansas



May 21–23, 2024 Albany, New York



October 2024

Deadwood, South Dakota



November 2024

Sacramento, California

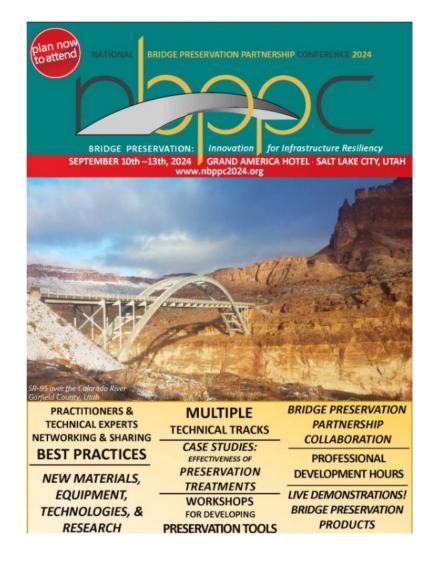
National Bridge Preservation Conference

- Multi-Track Sessions
- Informative Presentations
- Outdoor Demonstrations
- Networking

September 2024 in Salt Lake City

https://www.nbppc2024.org/







Questions???





Todd Shields
National Center for Pavement Preservation
shiel118@msu.edu



