

National Pavement Preservation Conference

Indianapolis, IN

Who is Here?

➤ Owner – State DOT

➤ Owner – County

➤ Owner – Municipality

➤ Owner – Authority

➤ Owner - Federal

➤ FHWA

➤ Academia

➤ Association – Owner

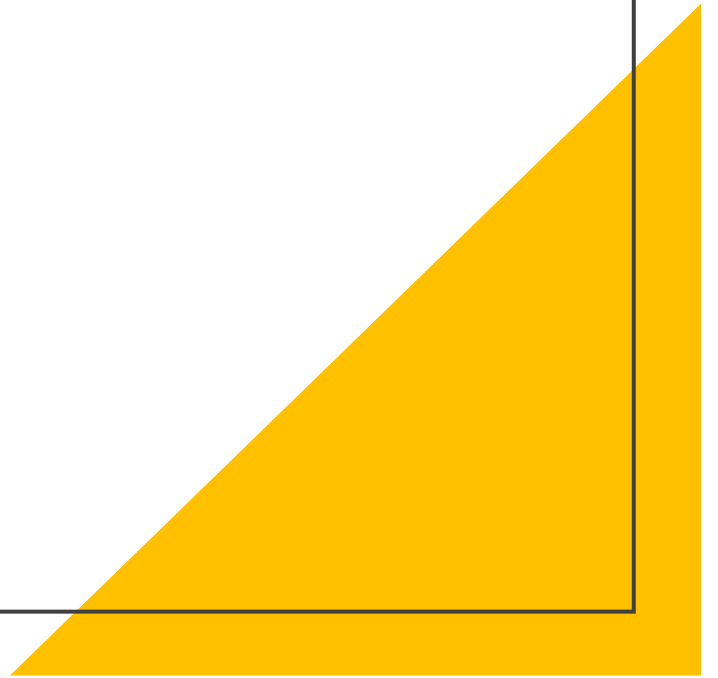
➤ Association – Industry

➤ Vendor

➤ Contractor

➤ Other

The Preservation Challenge





Importance of the Roadway Network

USDOT Transportation Statistics – 2022 Annual Report

- The nation's transportation infrastructure is valued at \$8.3 trillion
 - Its road system has about 4.2 million centerline-miles or 8.8 million lane-miles
 - In 2019, the federal, state, and local governments spent about \$3.6 billion on highways.
 - In 2021, according to the same report, transportation accounted for 8.4 percent of the nation's gross domestic product (GDP).
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Importance of the Roadway Network

USDOT Transportation Statistics – 2022 Annual Report

- Connects 7.9 million business establishments with customers, suppliers, and workers.
 - In 2018, served 327 million residents and 80 million international visitors.
 - 276 million motor vehicles to drive a total of more than 2.9 trillion miles.
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Importance of the Roadway Network

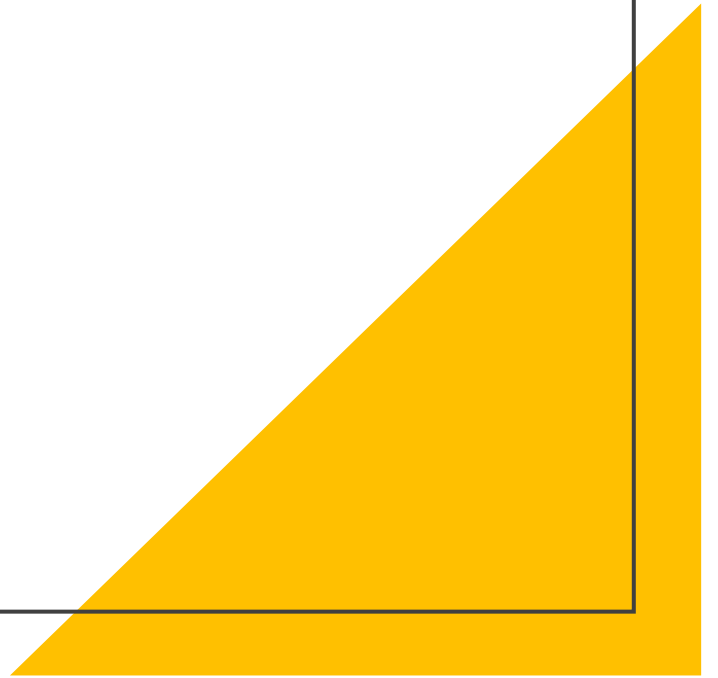
American Society of Civil Engineers, 2021 Report

- Transportation infrastructure has a major economic impact.
 - The poor condition of our roads results in \$130 billion added vehicle repairs and operating costs per year.
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Lifespan of a Transportation Asset

- Someone plans it, then passes it on.
- Someone designs it, then passes it on.
- Someone builds it, then passes it on.
- Someone maintains it ... for the rest of its life.

The Preservation Community





Preservation Stakeholders

- Multiple Groups
 - Different backgrounds
 - Different responsibilities

 - Share a common objective: To preserve our nation's transportation infrastructure.
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Preservation Stakeholder Groups

- Researchers/academics
 - Focused on new processes, materials, etc.
 - Always looking towards change
 - Manufacturers/vendors
 - Focused on selling a particular material or process
 - Contractors
 - Have developed expertise in certain materials and processes
-



Preservation Stakeholder Groups

- Owners – Different perspective from the three groups above
 - Need a commitment to use pavement materials and treatments that cost-effectively perform.
 - Need to be objective.
 - Need to be outcome-focused.
 - Need to constantly evaluate, assess, and make course adjustments
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Preservation

- Preservation is exceedingly important and is becoming more so every day.
 - No matter the level of transportation funding at an agency, it is a safe bet there is still not enough funds available to address all the needs that exist.
- Preservation is protecting infrastructure investment
- Preservation is ensuring assets function as intended and as needed.

Preservation

- Preservation projects are rarely grandiose, large, complex, and attention grabbing. They often seem minor, insignificant, routine, boring.
- An effective preservation program is difficult and challenging -- it requires discipline, focus, attention to detail, commitment, tenacity, problem solving, and passion.
- Both NCPP and AASHTO TSP2 exist to serve the needs of state and local agencies.
- This national meeting will help each owner advance its program.

AASHTO

Rebranding Effort



Rebranding AASHTO Technical Service Programs



- Three Categories of TSPs
 - Guidelines
 - Management
 - Solutions

Rebranding AASHTO TSPs

Used to support specific
AASHTO Committees

Guidelines



Solutions

AASHTO
AASHTOWare
SOLUTIONS

AASHTO
**RADIO
FREQUENCY**
SOLUTIONS

AASHTO
**PRODUCT
EVALUATION
& AUDIT**
SOLUTIONS

AASHTO
**TECHNICAL
TRAINING**
SOLUTIONS

AASHTO
**STEM
OUTREACH**
SOLUTIONS

AASHTO
**CENSUS
TRANSPORTATION**
SOLUTIONS

Rebranding AASHTO TSPs

- NTPEP = AASHTO Product Evaluation & Audit Solutions
- TC3 = AASHTO Technical Training Solutions

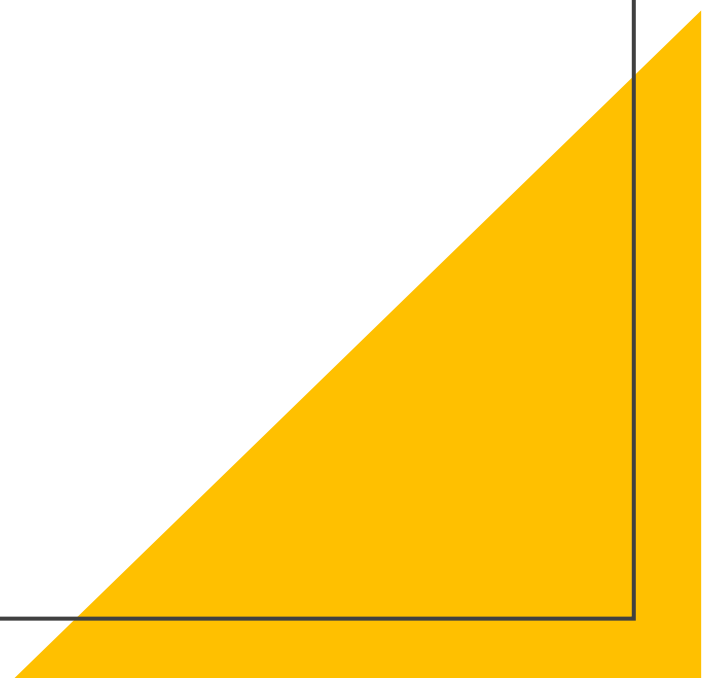
Rebranding AASHTO TSPs

- TSP2 = AASHTO Preservation Management
- EMTSP = AASHTO Equipment Management
- SICOP = AASHTO Winter Weather Management



The “MaC”

AASHTO Committee on Maintenance



The MaC


- Leadership
 - Chair – George Conner, AL
 - Vice Chair – Becky Allmeroth, MO
 - Vice Chair – Anita Bush, NV
 - Research Coordinator – Kathy Ahlenius, WY
 - FHWA Liaison – Brian Hogge, FHWA
- Home to the people who managed and preserved assets before those two activities even had names

The MaC

- Five Technical Working Groups
 - Bridge – Chair: Andy Doyle, GA
 - Equipment – Chair: Tim Cunningham, KS
 - Maintenance Operations – Chair: Brad Darr, ND
 - Pavement – Chair: Heath Patterson, MS
 - Roadway and Roadsides – Chair: Erany Robinson, GA

The MaC

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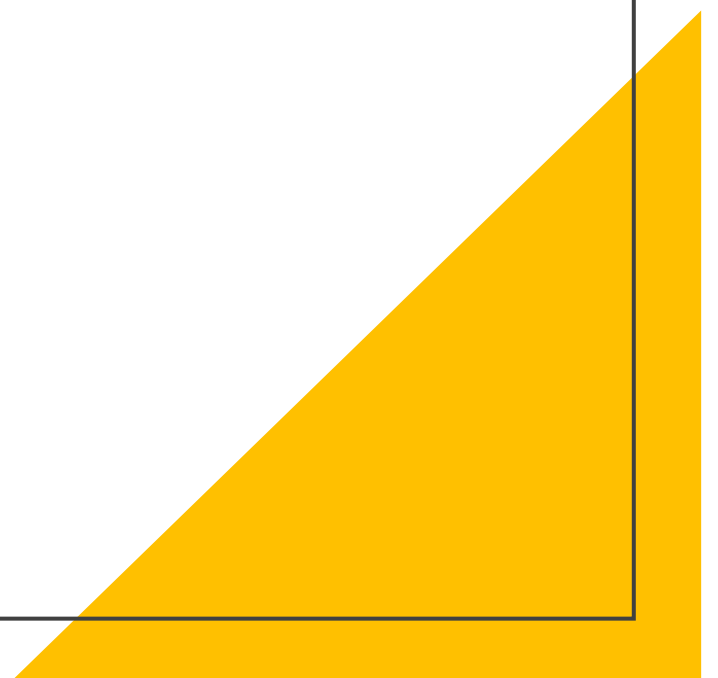
- Parent Committee for three AASHTO TSPs
 - AASHTO Preservation Management
 - AASHTO Winter Weather Management
 - AASHTO Equipment Management
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MaC Goals

- Be committed to excellence in the fundamentals while embracing new technologies and processes.
- Be recognized as an organizational leader in the Maintenance community
- Strong coordination between MaC and TSPs.
- Improve participation and attendance by MaC member agencies
- Become more engaged with other AASHTO communities that have influence on Maintenance practices and processes

NCPP and AASHTO Preservation Management

A Powerful Partnership





NCPP and AASHTO Preservation Management

- A “melting pot” for owners and stakeholders who value preservation.
 - Resource for all levels of owners – public agencies and private
 - Regional Partnerships – a place for those at the tip of the spear: the practitioners, the doers.
 - Your involvement with NCPP and AASHTO Preservation Management makes both stronger and more useful.
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NCPP and AASHTO Preservation Management Resources

www.tsp2.org



Regional Pavement Preservation Partnerships



Preservation Awareness Toolkit



Pavement Preservation Checklist App



Research Roadmap



Preservation Video Library



Legislative Matters



Training Materials



Upcoming Events



AASHTO Preservation Management Oversight Panel

- Oversight Panel Meeting at the end of this week
 - Committee Members are from
 - Maintenance Committee (“the MaC”)
 - Committee on Bridges and Structures
 - Committee on Performance-based Management
 - Committee on Materials and Pavements
 - Staff and Liaisons
-

AASHTO Preservation Management Oversight Panel Members

- Graham Bettis - TxDOT (COBS)
- VACANT (COBS)
- Eric Thibodeau – NH DOT (MaC)
- VACANT (MaC)
- Brad Darr – ND DOT (MaC)
- Herbert McDowell – ID DOT (MaC)

- VACANT (COMP)
- VACANT (COMP)
- Edgardo Block – CT DOT (COPBM)
- Matt Haubrich – IA DOT (COPBM)
- George Conner – ALDOT (MaC, Chair)

AASHTO
Preservation
Management
Oversight
Panel –
Liaisons and
Staff

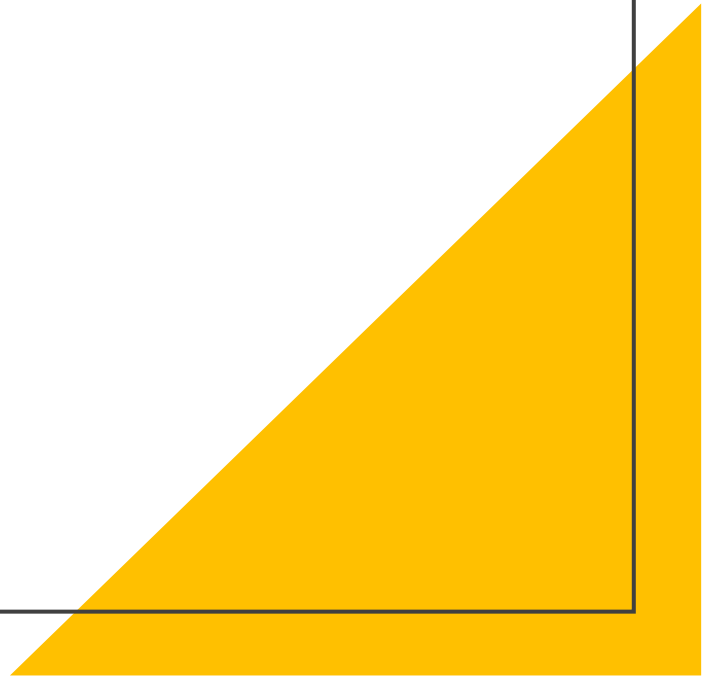
- Thomas Van - FHWA
- Adam Phipps – APWA (Local Gov)
- Tim Cunningham – KS DOT (EMTSP)
- Kelly Morse – IL DOT (ETF)

- Bouzid Choubane – NCPP
- NCPP Staff
- Glenn Page – AASHTO

Acknowledgement

Colin Franco

The Conference



Unique Meeting



Has a singular focus on pavement preservation



Excellent presentations from your peers



Networking among preservation professionals and practitioners

Valuable and Timely Sessions

Workforce Development

Pavement Preservation Basics

Asphalt Emulsions

Pavement Recycling

Preservation Related Research

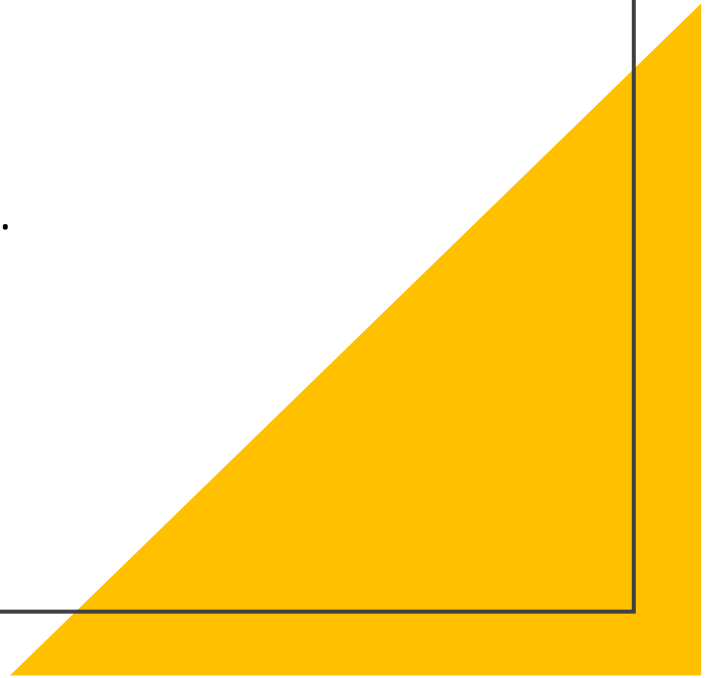
Training, Certification and Accreditation

Local Agency Approaches

National and Industry Perspectives

CLOSING

- BE
 - Be present. Be Involved. Be attentive.
- GIVE
 - Give your time. Share your story. Engage with your peers. Interact with Industry.
- TAKE
 - Take something back that you can use.



Thank you

