

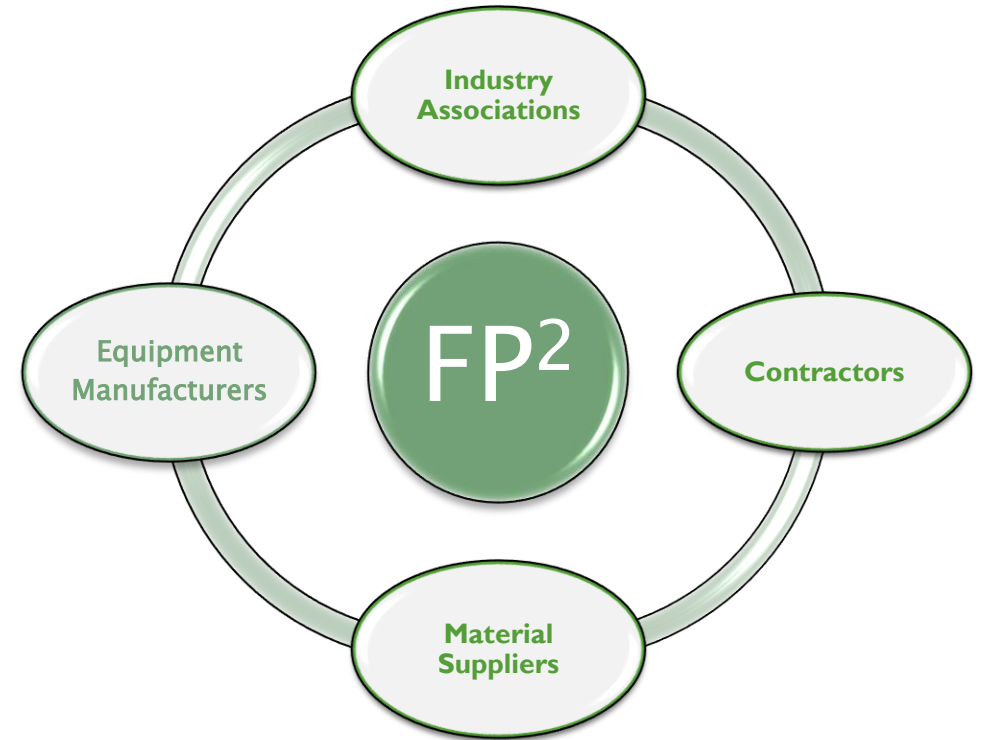
# FP2 – Leading the Advancement of Pavement Preservation

Update – September 21, 2023



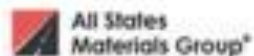
# About FP<sup>2</sup> Inc.

- ▶ Non-profit trade association
- ▶ Supported by industry associations, contractors, material suppliers, and equipment manufacturers
- ▶ Advocate for pavement preservation
- ▶ Participate in specific research efforts
- ▶ Represent preservation at industry events and on organizational boards and committees
- ▶ Serve as a central resource for agencies and industry



# OUR CONTRIBUTING MEMBERS

## Corporate Members



## Member Associations



# History of Fp<sup>2</sup> Inc.

- ▶ 1992 – Founding as the Foundation for Pavement Rehabilitation and Maintenance Research (FPRMR)
- ▶ 1997 – Signing of FHWA’s support for pavement preservation
- ▶ 1999 – Name changed to FP<sup>2</sup> Inc.
- ▶ 2000 – Launch of the Pavement Preservation Journal
- ▶ 2003 – Creation of National Center for Pavement Preservation (NCPPI)
- ▶ 2005 – Creation of the Pavement Preservation Excellence Award (Renamed in 2009 for James B. Sorenson)
- ▶ 2009 – Formal change to a 501(c)6 non-profit trade association
- ▶ 2012 – Term “Pavement Preservation” included in MAP-21 (continued in 2015 FAST Act)
- ▶ 2012 – FP<sup>2</sup> becomes a full partner for the Preservation Group Study at NCAT
- ▶ 2015 – NCAT preservation research expands with NCAT/MnROAD partnership (Phase II)
- ▶ 2018 – Continuation as a full funding partner of NCAT/MnROAD research (Data collection Phase)

# FP<sup>2</sup> Moving Forward – New Strategic Plan

- ▶ May 2022 – Strategic Planning meeting
  - Mission Statement: FP<sup>2</sup> – leading the advancement of pavement preservation
  
  - Established key strategies:
    - 1) **Advocate** on behalf of pavement preservation with policymakers.
    - 2) **Educate** agency decision-makers on the value of pavement preservation.
    - 3) **Advance** pavement preservation innovation, research and implementation.
    - 4) **Communicate** with all relevant audiences about the value of pavement preservation and FP2.
    - 5) **Increase** membership and engagement in FP2.
  
  - Creation of Legislative, Marketing, and Research Committees

# FP<sup>2</sup> Moving Forward – 2022/2023 Actions

## ▶ Advocacy

- Materials for members to use in connecting with their local representatives
- DC Fly-ins Twice Annually
- IIJA, BABAA

## ▶ Educate

- Marketing Committee established
- Research updates
- Support industry sustainability efforts

## ▶ Research

- Research Committee established
- Support NCAT and MnRoad Studies



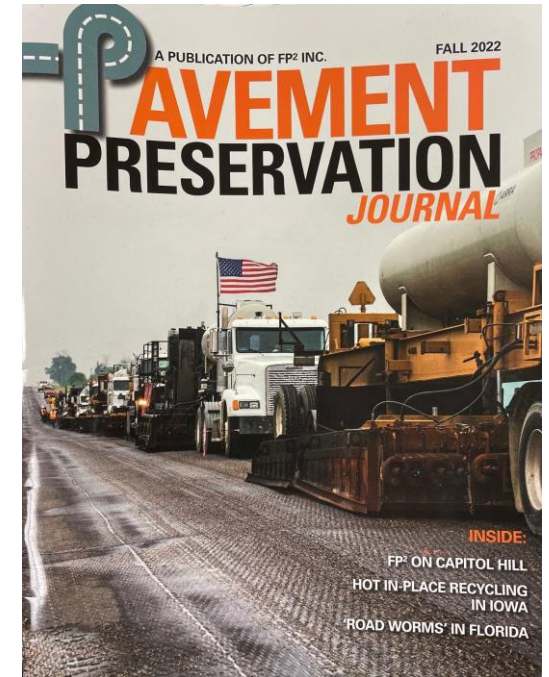
# FP<sup>2</sup> Moving Forward – 2022/2023 Actions

## ▶ Communication

- Website Task Force
- Pavement Preservation Journal
- Regular FP2 Updates eNewsletter

## ▶ Member Engagement

- Review organization and Board structure
- Hold Quarterly Board meetings
- Review and Develop more Member Benefits
- Increase number of members/contributors



# Committees

- ▶ Marketing Committee  
Chair – Bobby Betsold
- ▶ Research Committee  
Chair – Dave Welborn
- ▶ Legislative Committee  
Chair – Scott Bergkamp
- ▶ Awards Committee  
Chair – Tim Harrawood

# Task Forces

Bylaws

Publications

Grants / Funding

Membership



# FP<sup>2</sup> Activities – Advocacy

- Educate Congress and Administration about Pavement Preservation and Recycling
  - Over 40 Congressional meetings in 2023
- Encourage members to host Representatives in their districts
- Engagement on IIJA, IRA, Buy America, Buy Clean

# FP<sup>2</sup> Activities – Advocacy

- Infrastructure Investment and Jobs Act (IIJA)
  - Nearly \$400 B for highway programs
  - 90% to states via formula funding
  - 10% discretionary through grants
  - Inflation reduced effectiveness

# FP<sup>2</sup> Activities – Advocacy

- Build America Buy America Act (BABAA)
  - FP2 Commented, Engaged with OMB and FHWA
  - Final Rule October 23
  - Clarification on Exemption

# FP<sup>2</sup> Activities – Industry representation

- ▶ Attendance at numerous regional and national events annually
- ▶ Participation at AASHTO and TRB
- ▶ Participation at Regional Partnership meetings and other meetings
- ▶ Support of the National Center for Pavement Preservation and the National Pavement Preservation Conference



# FP<sup>2</sup> Activities – Research

- ▶ Full funding partner for NCAT/MnROAD Preservation Research phases I & II
- ▶ Work with researchers to help fund projects
- ▶ Consultation and guidance on research projects
- ▶ Actively communicate and promote research efforts and results through presentations, webinars, and the Pavement Preservation Journal
- ▶ Phase III is underway

**NCAT** National Center for Asphalt Technology  
AUBURN UNIVERSITY

**MnROAD**

**FP<sup>2</sup>**

FP<sup>2</sup> Inc. – and the staffs of the National Center for Asphalt Technology and MnROAD – profoundly thank the businesses and associations above that have made a special contribution supporting important new research in pavement preservation at those research facilities.

A partnership between the National Center for Asphalt Technology in Alabama and the MnROAD Road Research Facility of the Minnesota DOT is advancing research in preservation techniques for both low-volume and high-volume roadways, and is supported by stakeholder contributions channeled through FP<sup>2</sup>, and a pooled fund supported by state departments of transportation and administered by the Alabama DOT.

The partnership will provide research in preservation techniques for both flexible (bituminous) and rigid (portland cement concrete) pavements, and supply real-world accelerated pavement preservation performance testing in both hot and cold climates. By leveraging economies of scale, it may deliver research products for a larger base of supportive agencies and private sector clients at lower buy-in costs. The partnership has the potential to play a much larger role in the national effort to validate pavement performance. Sharing resources and expertise will improve coordination of experiments and expand evaluation of pavement performance in both northern and southern climates. Also, the collaboration permits testing of PCC pavements and the inclusion of the results in comprehensive research products, which is not possible when NCAT works on its own.

The NCAT test facility (left) has multiple test sections on its 1.7-mile oval track, while the Minnesota DOT's MnROAD facility track (right) consists of a 3.5-mile interstate (I-94) high-volume roadway, and a 2.5-mile closed loop low volume road simulating rural roads.

The goal of this research is to quantify the life-extending benefits of different pavement preservation treatments for roadways in different stages of life and decay. Both facilities have a history of evaluating the performance of pavement preservation treatments, including chip sealing, micro surfacing, crack sealing and thin overlays.

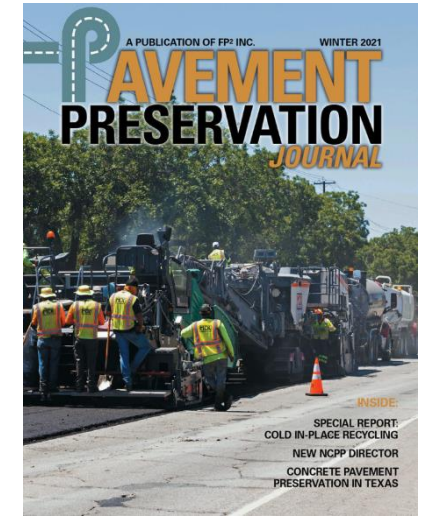
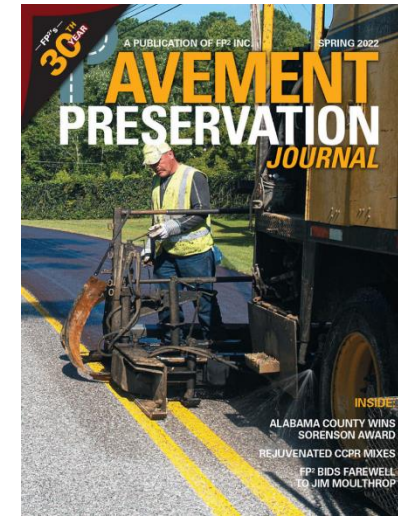
Now, accelerated testing – including actual low- and high-volume pavements in the field – is providing unique opportunities to determine the field performance of breakthrough materials and pavement preservation concepts without the risk of failure that local and state agencies are unwilling to accept. To address the needs of northern and southern climates, similar test sections have been developed for both Alabama and Minnesota.

Please join your fellow stakeholders in pavement preservation by making a financial contribution to research at NCAT and MnROAD. For more information, contact FP<sup>2</sup> executive director Jim Moulthrop, P.E. (PA, AZ), (512) 979-8865, jim.moulthrop@gmail.com.

■ **FP<sup>2</sup> Invests in Applied Research!**

# Outreach – Pavement Preservation Journal

- ▶ Only trade publication dedicated entirely to Pavement Preservation
- ▶ Published 4 times per year with both print and electronic distribution to over 4500 industry professionals
- ▶ Each issue includes updates from NCAT/MnROAD projects, PPRA activities, highlight of preservation treatments, industry events and current legislative issues



## RoadResource.org Updates to Support Industry

COMPILED BY EDITORIAL STAFF

**R**eversing deterioration trends across entire networks isn't just something talked about in industry meetings and project write-ups. It's happening across the country in agencies big and small because of the hard work that road managers, engineers, industry leaders and devoted champions put in each and every day.

### NEW TOOLS, AVAILABLE NOW

This year, the **Pavement Preservation & Recycling Alliance (PPRA)** is adding several new tools to RoadResource.org to help agencies overcome hurdles, expand their treatment toolbox and begin to reverse deterioration, all while serving as the best possible stewards of taxpayer resources. Here's what PPRA's been working on at

press release and a shareable public-facing video about network management. Agencies need only download the toolkit and update materials with their logo and information in order to have a fully integrated communications plan at the ready.

• **A Home for Consulting Engineers.** This year, ARRA and ISSA are opening membership to consulting engineers at a reduced annual rate. Identified as an increasingly influential part of an agency's decision-making process, consulting engineers can learn more about pavement preservation, asphalt recycling and network optimization at [roadresource.org/about/engineers](http://roadresource.org/about/engineers).

• **Telling the Story of the Network.** One of the single greatest ways to inspire change is to demonstrate possibility.

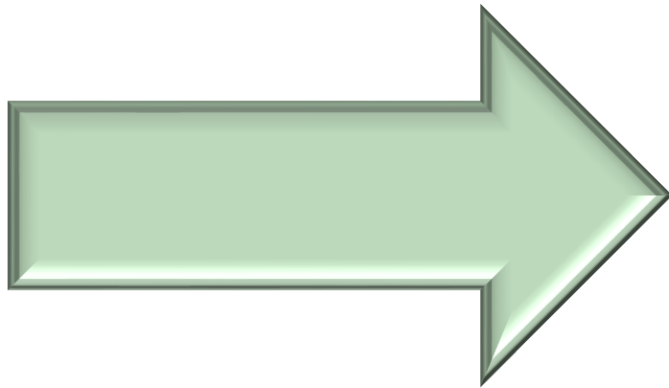
### IN DEVELOPMENT THIS YEAR

• **Teaching Return on Investment (ROI) Principles.** Although the benefits of proactive maintenance and reuse of materials are clear to many agencies and road managers, the potential impact is often less clear to budgetary decision-makers, elected officials and other stakeholders. Still in development, RoadResource.org is planning to launch a new calculator tool that equips agencies to demonstrate the potential ROI from smarter network management.

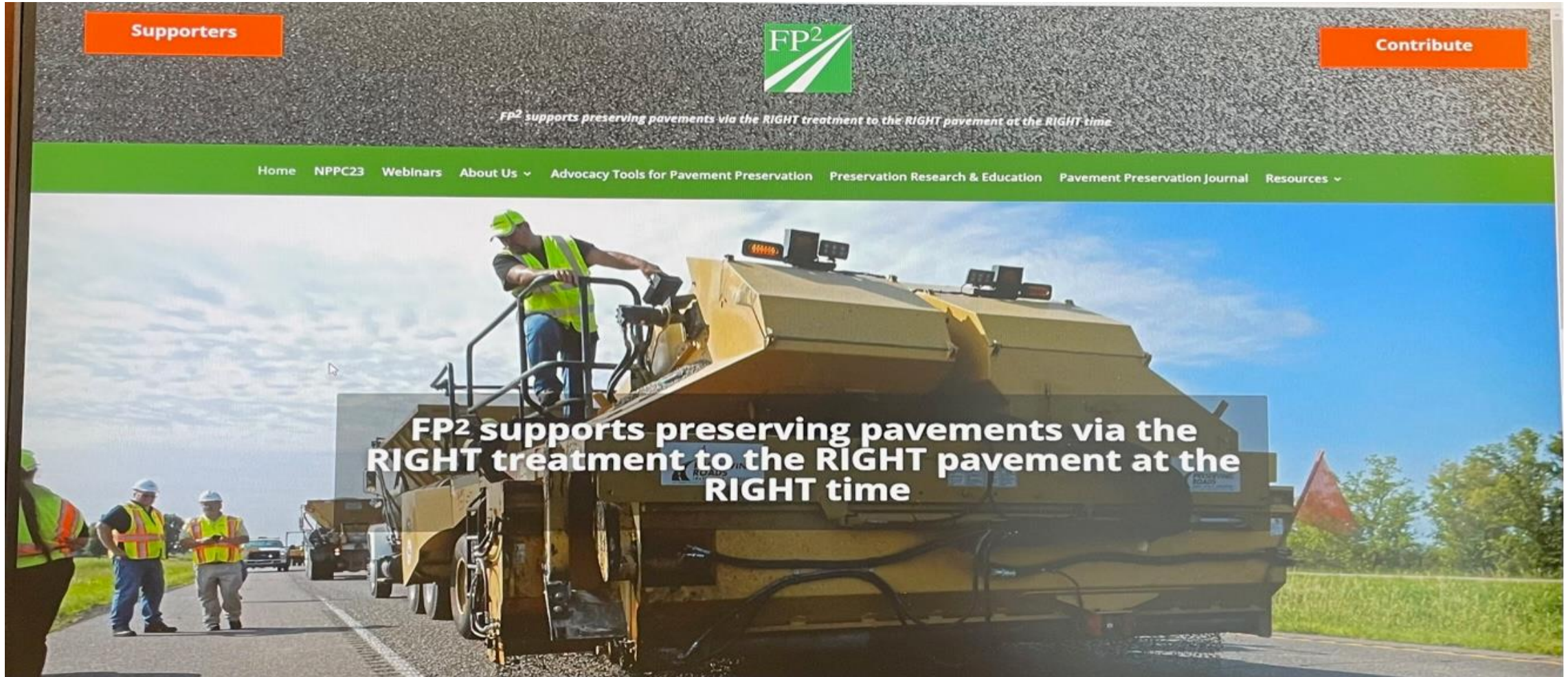
Agencies will be able to input features about their network and maintenance strategies into a simple form. Then, the application will project how changes to their budgets, maintenance strategy or network size might affect the health of

# Register for the pavement preservation journal

*Sign Up to Receive the  
Pavement Preservation Journal*



# FP2.org





# FP2 Board Members

- ▶ Mark Ishee – President
- ▶ Dave Henderson – Vice President
- ▶ Bobby Betsold – Secretary Treasurer
- ▶ Tim Harrawood – Immediate Past President
  
- ▶ Pete Grass – Asphalt Institute REP
- ▶ Bob Huitt – AEMA REP
- ▶ Darren Coughlin – ARRA REP
- ▶ Dave Welborn – ISSA REP
- ▶ Brett Williams – NAPA Rep
- ▶ Dan Koening – Member Rep

# FP2 Staff

- ▶ Rick Church, Executive Director
  
- ▶ Tom Kuennen, Publisher
  
- ▶ Tracy Taylor, Legislative Counsel

# FP<sup>2</sup> and you – join our efforts

- ▶ *Sign up* to receive the PPJ (and *share* it!)
- ▶ *Participate in Preservation Research*
- ▶ *Share* your challenges, needs, ideas, suggestions, with us
- ▶ **Become a Contributing Member**



# Our Community of Preservation Champions

## Corporate Members



Thank You!!