

# The Pavement Preservation Industry & FP<sup>2</sup> Inc.

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Mid West Pavement Preservation Partnership  
Meeting

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# ***Presentation Outline***

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- **What is FP<sup>2</sup> Inc.?**
  - **Supporters**
- **Pavement Preservation-what is it?**
- **Current Issues**
- **Benefits of pavement preservation**



# *What is FP<sup>2</sup>*

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- **What is FP<sup>2</sup> Inc?**
  - **An Industry supported trade association**
- **Purpose of FP<sup>2</sup> Inc?**
  - **Promoting the importance of protecting and preserving the huge investment in our nation's pavement infrastructure**



# ***Supporters***

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- **Who supports FP<sup>2</sup> Inc?**
  - **Associations**
  - **Contractors**
  - **Material Suppliers**
  - **Chemical suppliers**
  - **Polymer Suppliers**
  - **Equipment manufactures**
  - **Consultants**
  - **Academia**



# ***What do we do?***

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- **Purpose**

- **Advocacy**: educate public officials at all levels.
- **Promotion**: sponsor key events, publish the Pavement Preservation Journal, distribute educational materials
- **Research**: promote the U.S. Federal Highway Administration System (FHWA) Preservation Roadmap; serve on several Transportation Research Board (TRB) committees



# ***What do we do?***

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- **FP<sup>2</sup> Inc. financially supports**
  - **The National Center for Pavement Preservation at Michigan State University**
- **FP<sup>2</sup> Inc. works closely with**
  - **Regional Preservation Center in California**
  - **Regional Preservation Partnerships in the Northeast, Southeast, Midwest, and Rocky Mountain West**
  - **Federal Highway Administration**
- **James B. Sorenson Award**



# ***Pavement Preservation-what is it?***

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**“A program employing a network level, long-term strategy that enhances pavement performance by using an integrated, cost-effective set of practices that extend pavement life, improve safety and meet motorist expectations”**

***- FHWA Pavement Preservation Expert Task Group***



# ***Pavement Preservation-what is it?***

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- Most agencies practice some form of pavement preservation – a chip seal is a chip seal-but what about pavement condition? Is it preservation or a stop-gap treatment?
- Not universally programmatic at this point
- Lack of funding has had a new impact-meaning preservation is a way of keeping ahead of the curve. In other words-“Keeping good roads good”!



# ***Pavement Preservation-what is it?***

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- **Some agencies have established a Pavement Preservation Engineer position**
- **Significant progress in the last 5 years**
- **Continued support from FHWA and others**
- **MAP-21 language**



# Current Issues

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- **Budget constraints - all agencies**
- **Pavement Condition – TRIP reports**
- **Data from the FHWA/NCPP assessments**
- **Training for agencies**
- **Contractors QC capabilities**
- **ADA compliance**

# Benefit

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*“The cost-efficient approach to keeping good highways in good condition is well proven. It’s far more expensive, as much as 20 times more costly, to rebuild a road once it has failed”<sup>1</sup>*

<sup>1</sup> Commissioner Christopher D. Clement, Sr.  
New Hampshire Department of Transportation



# Benefits

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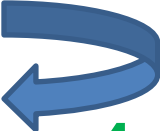
- **Economics**
- **Sustainability**
- **Customer satisfaction**



# Benefits

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- **Economics**

- **Maximize pavement life at minimum cost**
- **Money spent early in the life of the pavement-PCI > 70** 
- **Can save as much as 4 times the amount if the pavement reaches a PCI of 40**

# Benefits

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- **Sustainability**

- **Less use of natural resources**
- **Use of reclaimed materials**
  - ✓ **RAP**
  - ✓ **RAS**
  - ✓ **Recycled PCC pavement**
- **Energy savings-less fuel usage**
- **Use of environmentally-friendly products**



# Benefits

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- **Customer satisfaction**
  - **Smoother, durable, longer lasting pavement**
  - **Improve functional characteristics**
  - **Technics are rapid get→in get→out stay  
→out**



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Thanks