The Pavement Preservation Industry & FP² Inc.

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Presentation Outline

• What is FP² Inc.?
  ➢ Supporters
• Pavement Preservation-what is it?
• Current Issues
• Benefits of pavement preservation
What is FP²

• What is FP² Inc?
  ➢ An Industry supported trade association

• Purpose of FP² Inc?
  ➢ Promoting the importance of protecting and preserving the huge investment in our nation’s pavement infrastructure
Supporters

• Who supports FP² Inc?
  ➢ Associations
  ➢ Contractors
  ➢ Material Suppliers
  ➢ Chemical suppliers
  ➢ Polymer Suppliers
  ➢ Equipment manufactures
  ➢ Consultants
  ➢ Academia
What do we do?

• 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?

- FP² Inc. financially supports
  - The National Center for Pavement Preservation at Michigan State University
- FP² 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?

“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?

• 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?

- 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

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

1 Commissioner Christopher D. Clement, Sr.
New Hampshire Department of Transportation
Benefits

• Economics
• Sustainability
• Customer satisfaction
• **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

• 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

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