

FP2 Inc. Update

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North East Pavement Preservation Partnership

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Newark, DE



Presentation Outline

- What is FP²
- Highway Reauthorization
- NCAT 2012 PG Experiment
- NCAT/MN Road Collaboration
- Challenges
- Advocacy
- Performance Measures
- Summary



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**



FP² Strategies

- Industry Advocacy
- Research
- Communication



Supporters

- **Who supports FP² Inc.?**
 - **Associations**
 - **Contractors**
 - **Material Suppliers**
 - **Chemical suppliers**
 - **Equipment manufactures**
 - **Consultants**



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 Centers in California and Texas**
 - **Regional Preservation Partnerships and regional Councils**
 - **Federal Highway Administration**

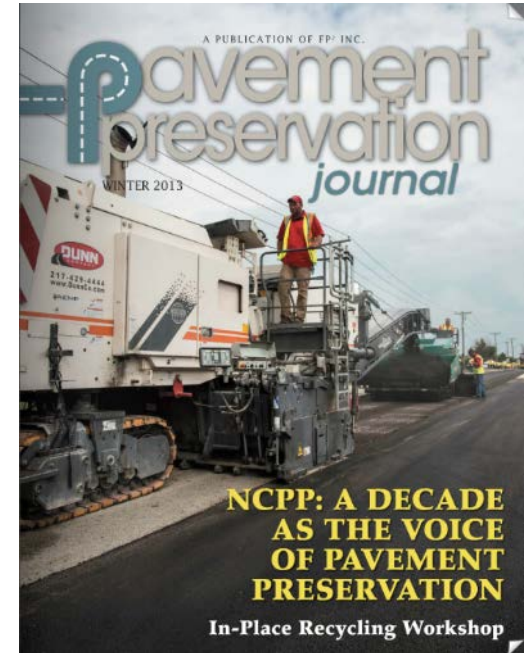
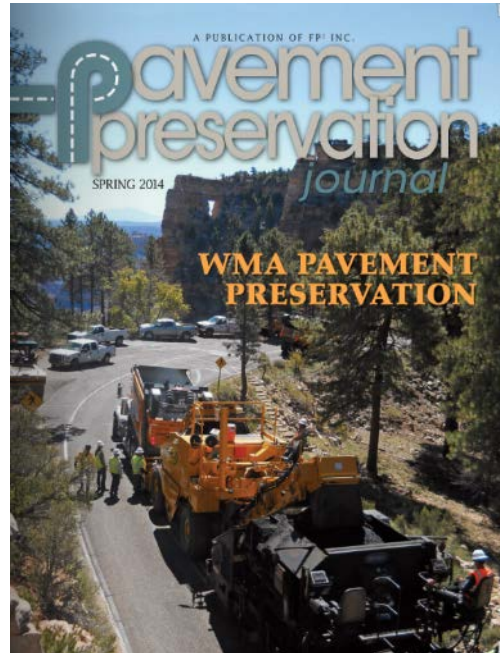


What do we do?

- **FP² Advocates for Pavement Preservation**
 - Monitor legislation and ruling affecting the pavement preservation industry
 - Participates in national associations – PP ETG, TRB, AASHTO
- **FP² is a full partner in NCAT PP research**
- **FP² Inc. publishes the Pavement Preservation Journal**
- **Presents Annual James B. Sorenson Award**



FP² Magazine



Highway Reauthorization

- **Map-21 – needs to be reauthorized by May 31**
- **House and Senate Committees of Jurisdiction committed to passing a long term highway reauthorization. Administration supporting LT bill**
- **What is long term – goal is 6 years.**
- **House T&I and Senate EPW Committees holding hearings**
- **Bills are being drafted**

Highway Reauthorization, cont.

- **Map-21. Agencies still implementing policies; direction likely to remain consistent**
- **With just 14 legislative days remaining, until the bill expires on May 31, passage prior to the deadline remains elusive**
- **Congress remains committed to passing a reauthorization bill this year.**
- **Likely short-term extension for 2-7 months**

Highway Reauthorization, cont.

- **Congress will continue to look for funding for a long term bill.**
- **User Fee - unlikely**
- **Repatriation/Corp. Tax Reform could fund LT Highway Reauthorization bill**
- **General fund transfer (possible/not probable)**
- **Administration's Grow America Act – 6 year, \$478 billion –advocating 14% tax on foreign earnings to pay for**

NCAT Preservation Group Study

- **Monitoring continues under the current contract on Lee Road 159**
- **“Trigger Values” for preservation treatments on the track have been set with the funding partners and treatments will be applied when they are reached**
- **2012 Track meeting was held March 3-5, 2015 at Auburn, AL**



NCAT/MN ROAD Research Partnership

To facilitate high value pavement research that addresses national needs using full-scale pavement testing facilities in both **warm** and **cold** climates on flexible, rigid, and composite pavement structures.



NCAT Preservation Group Study

- NCAT soliciting more partners for the 2015 Preservation Group experiment
- Has located a four lane US highway near Auburn for 2015 PP study
- NCAT partnering with MN Road for the 2015/2016 FP2 will be a full partner.
- Industry can be a part by contributing to FP2



Challenges

- **Keeping Good Roads Good**
- **Lack of Funding**
- **Getting Message to Officials**
- **Getting Message to Public**
- **How do we Sell Pavement Preservation????**

Lack of Funding

- Last Federal Gas tax – 1993
- Of the 18.4 cents about 2.6 goes to Mass Transit
- CPI up 3.36% since 1993
- Meaning \$1 today buys less than \$0.30 worth of 1993 products

Cost of Driving

- If you drive 20,000 miles per year and your vehicle gets 20 miles per gallon, you purchase 1,000 gallons of fuel per year
- $1,000 \times \$0.184 / \text{gal} = \184.00 or less than 50 cents per day to drive on Interstate and US national highway routes
- Local roads face a similar shortfall
- Roads are one of the Cheapest things in our Society!!

Cost of a Gallon...



1 Gallon
\$3.89*

(\$3.89 / gal)



6ct, 16.9oz
\$3.99*

(\$5.04 / gal)



6ct, 16.9oz
\$2.69*

(\$3.40 / gal)



59oz
\$2.99*

(\$6.49 / gal)



1 Gallon
\$2.98**

(\$2.98 / gal)

**Priced at Hannaford's in Concord, NH on 11/12/14*

***NH State Average on 11/12/14*

Preservation Cuts Costs

- Preservation treatments have much lower costs compared with rehabilitation and reconstruction.
- When road damage causes serious traffic problems, it's usually too late.
- Road deterioration is almost imperceptible to the average person.
- Pavement preservation extends a road's lifespan and helps stretch budgets.
- Pavement preservation use less natural resources and are environmentally sustainable

Getting Message to Officials

- Encourage fiscal responsibility among political leaders and officials to stretch tax dollars by allocating more money to pavement preservation
- Promote clear definitions, economic analysis and documentation of preservation successes
- Change attitudes from the top down in transportation agencies
- Streamline agency business plans and update pavement management systems



Getting Message to the Public



The public needs to understand:

- Our transportation system is a Social issue
- Better roads mean more time at home, doing the things we want to do and less in the auto
- Less congestion and a well maintained infrastructure greatly reduces stress and anxiety on the traveling public

Getting Message to the Public



- The public needs to understand:
- The economic impact of roads in bad condition
 - The high cost of deficient preservation in terms of vehicle operation and rehabilitating and rebuilding roads
 - The detrimental impact of unnecessary reconstruction on the environment

Public Policy Changes Need Our Support

- Agencies implementing pavement preservation should be rewarded.
- Policies need to encourage sound road management initiatives that will:
 - Save taxpayers money;
 - Improve the economy;
and,
 - Reduce environmental impact



How do we Sell Pavement Preservation?

- **Make PP and Highway Funding a Social Issue**
- **Use Available Resources**
- **Your experiences, experiences of other agencies**
- **Data from NCPP, NCAT, FP2**
- **Develop a Pavement Management System**
- **Establish the benefits of using Pavement Preservation in your network**
- **Work with your officials to show Economic Benefits**
- **Present programs at local functions and groups**



Selling Benefits of Preservation

- Stretching the limited \$\$\$
- Sustainability
 - Use of RAP, RAS, Tire Rubber
- Environmentally friendly
 - WMA, Emulsions
- Cost effective

Advocacy Effort

- **FP2 has a contract with Williams and Jenson to represent the Pavement Preservation (PP) industry**
- **FP2 was instrumental in getting PP language in MAP 21**
- **Have had many meetings with transportation committees as well as key Congressmen and staff**



Advocacy Effort

- Continue to work with FHWA to define definitions of PP techniques under the Justice Departments memo regarding ADA definition versus the definition adopted by the PP ETG and FHWA

FHWA MAP 21 Performance Measures

- **Required by MAP 21**
- **Published January 5, 2015**
- **Comments to FHWA by May 5, 2015**
- **FP2 working on submitting comments and recommended changes**
- **Drafted Performance Measures are Ride (IRI), Rutting and Cracking**
- **Encourage everyone to respond**



Summary

- **FP², NCPP & NEPPP are there to support Pavement Preservation**
- **FP² long term strategies are Advocacy, Research and Communication**
- **FP² will be a full funding partner to the NCAT/MN Road research cycle**
- **Our advocacy efforts will continue through the passage of the next long term highway bill and beyond**



Summary

- **Our advocacy efforts will continue through the passage of the next long term highway bill and beyond**
- **Funding is the key hurdle to a new bill and may take a different user fee approach**
- **We must advocate the need for a new bill and make it a social issue to get support from the driving public (Road users).**



Summary

- **The Draft of MAP 21 Performance Measures are published and are open for comments. Please be part of the review**
- **Maintaining our nation's highway network is essential for job creation and economic growth**

Summary

- FP2 is here to serve the industry
- Choosing the *right* treatment and placing it at the *right* time on the *right* road is the mantra of pavement preservation
- Keeping good roads good is the *right* thing to do and good public policy
- Please support FP2 in our efforts!!



FP2 Contributors

Corporate Sponsors



Sponsoring Association



Contact Information



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