FLORIDA PAVEMENT PRESERVATION COUNCIL (FPPC)

CHARLES E. "CHUCK" WILLIAMS, P.E.  
FPPC COORDINATOR
OUTLINE

• Background of where we began
• Charter and Partnership with National Center for Pavement Preservation
• Agency, Industry, and Academia members
• What we have done – quickly
• Where we are focused in the future
BACKGROUND

• Background of where we began
• Charter and Partnership with National Center for Pavement Preservation
• Agency, Industry, and Academia members
• What we have done – quickly
• Where we are focused in the future
FPPC CHARTER AND PARTNERSHIP WITH NCPP

• Presentation to NCPP Advisory Board, Feb 2010
  – Approved Florida “Consortium” to begin operation under NCPP auspices
  – Continue education process in Florida started by Jim Sorenson, FHWA
  – Recognized need to focus education on pavement preservation at local government level as targeted programs not reaching this level due to lack of funding available for training in local governments
  – Most importantly, accomplish education in a non-marketing environment by a neutral party
FPPC CHARTER AND PARTNERSHIP WITH NCPP

• Goals
  – Promote pavement preservation principals through training and education in Florida
  – Provide NCPP conducted pavement preservation workshops
  – Provide regional specifications and guidelines for pavement preservation techniques in Florida
  – Foster beneficial technology transfer between agencies, industry, and academia

• Full partner with NCPP
  – Reflect their work at federal, state, and local levels to promote benefits of long term pavement strategies to extend pavement life
PROGRESS TO DATE

– Seventeen Agency Members (plus Florida NACE Member) including Florida Department of Transportation and State FHWA representative, AND Sixteen Industry Members

– Approved organization bylaws, code of ethics, and strategic plan

– Set committees on membership, elections, specifications and training, and Council planning

– Planned education and workshop activities throughout the state

– Established Advisory Board Directors

– Established Georgia Carolina Pavement Preservation Council
FEEDBACK FROM LOCAL GOVERNMENTS

Industry Issues

- Poor experience with some pavement preservation contractors
- Contractor marketing techniques are questionable (the “can do” approach)
- Instances where Contractor:
  - lacks understanding of the local road network
  - fails to practice proper quality assurance
  - fails to correct deficiencies in their operation
- Contractor-conducted training is market oriented – causing a lack of trust within agencies
- Specifications provided by Contractors are often not clear and have unreasonable conditions
FEEDBACK FROM LOCAL GOVERNMENTS

Agency Issues

- Limited funding available – looking for the “best bang for the dollar”
- Lack of knowledge of pavement preservation concepts, candidate selections, and treatments
- Elected officials limit the use of pavement treatments due to bad experiences - citizen concerns
- Portions of the local road network may not be suitable for pavement preservation (i.e.; a non-engineered base)
- Favor “performance based” specifications to strengthen low bid process
- Agencies want to be part of development process for performance based specifications
OUTREACH AND TRAINING

BY NCPP

• APWA Florida Chapter Annual Meeting/Trade Shows, 2010/2011/2012, Information Booth and Technical Sessions
• Florida Association of County Engineers and Roadway Superintendents Annual Meeting, June/July 2010
  – Information Booth and briefing to Executive Board
• “Pavement Preservation Concept” Briefings to Florida local government agencies, December 2010
  – DeFuniak Springs (NW Florida), Gainesville, West Palm Beach, Sebring, and Tampa
  – “FPPC Members, December 2010, Tampa
  – Bay County, February 2011, Panama City
• Webinar for Florida League of Cities, “Find new money in your paving budgets”, February 2011
• Chip Seal & Micro Surface Training Courses, Bay County, 2011, Panama City
• “Pavement Preservation Concept” Briefings to Orange County April 2011
Micro Surface Training Courses Orlando and St. Petersburg, January 2012
Chip Seal
Best Practices

by:
Larry Galehouse, P.E. (NCPP)
&
Tom Wood (MnDOT)
SLURRY SEALS & MICRO-SURFACING

Theory & Practice
• Micro Surface 30 Days
• Micro Surface 2 Years Florida
• Rejuvenating Fog Seal - Florida
• Cape Seal - Florida
Organized and approved by NCPP Advisory Board in late 2010

- Board and bylaws established formatted similar to Florida Pavement Preservation Council

- **Huley Shumpert, P.E. - PLS**, Retired SCDOT State Maintenance Engineer, elected to head the South Carolina Section

- **Bill Evans**, Retired GDOT Pavement Section Engineer and Ergon Asphalt and Emulsions Technical Marketing Manager, elected to head Georgia Section
• Sand Seal Treatments - Georgia
• Asphalt – South Carolina
Chip Seals – South Carolina
• Chip Seal – South Carolina
GCPPC Contact information

• Huley Shumpert P.E. - PLS, South Carolina Coordinator
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• Bill Evans, Georgia Coordinator
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Local Agency Membership Application:
• http://nationalpavement2012.org/georgiacarolina/contact.html
Hot-in-Place Recycling – locations throughout the State

US 98, Gulf County – Test Area with Micro Surface, thin overlays, HIPR and other treatments (3 miles – 10 sections), September 2012

Publishing Developmental Pavement Preservation Specifications on FDOT website as they become available

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FUTURE FPPC ENDEAVORS

• Continue education/workshops
• Continue to recruit members
• Develop pavement preservation specifications and guidelines focused for Florida
• Assess/develop performance based specifications
• Develop guidelines for pavement preservation
• Work with NCPP to develop pavement preservation certification for contractors in Florida
Florida Pavement Preservation Council
Contact Information

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Local Agency Membership Application:
• http://nationalpavement2012.org/florida/contact.html