

Pavement Preservation Certification Program



Midwestern Pavement Preservation Partnership
Annual Meeting
September 28, 2015
Kansas City, MO

Larry Galehouse, PE, PS, Director
National Center for Pavement Preservation



Pavement Preservation Certification Program

- **A voluntary program created for the purpose of raising the standard of pavement preservation.**
- **A confirmation that agency and contractor personnel have demonstrated a level of knowledge and ability to competently address pavement preservation projects.**



Pavement Preservation Certification Program

- 1. Agency Certification**
- 2. Industry Certification**

Laboratory Accreditation Program (ARML)

- 1. Micro surfacing mix designs**
- 2. Other treatments in future**



Pavement Preservation Certification Initiative

- 1. National Center for Pavement Preservation (NCP)**
- 2. International Slurry Surfacing Association (ISSA)**
- 3. TSP•2 Regional Partnerships**

Laboratory Accreditation Program (ARML)

- 1. AASHTO Materials Reference Laboratory**
- 2. International Slurry Surfacing Association (ISSA)**



Pavement Preservation Certification

- 1. Requires training**
- 2. Requires passing written exam**
 - Agency exam covers the treatment understanding and inspection knowledge (approx. 50-75 questions)
 - Contractor exam greater difficulty and more details about the treatment (approx. 75-100 questions)
 - Exams are combined multiple choice and true-false



Pavement Preservation Certification

1. Training

- ISSA Slurry Surfacing Workshop
- NCPP Treatment Courses
- Web-based Training (WBT) *certain levels

2. Examinations & Record Management

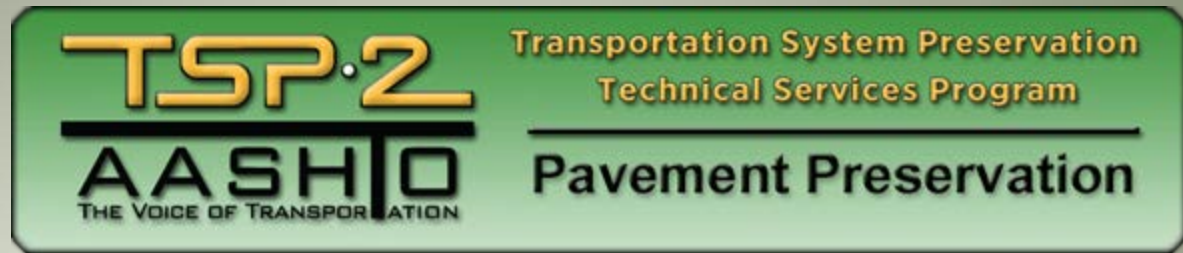
- NCPP @ Michigan State University



Pavement Preservation Certification Program

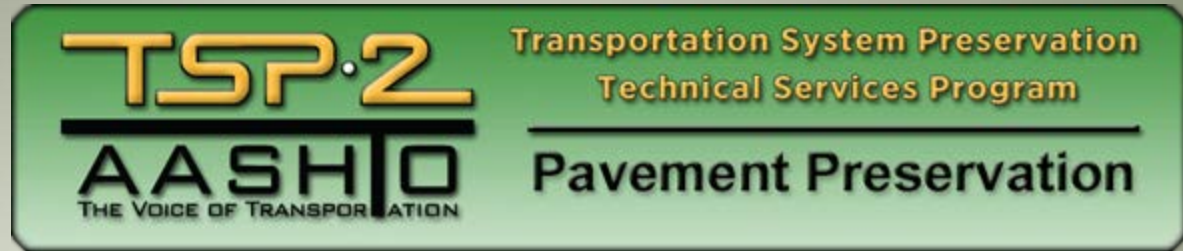
Treatment Certification Categories

- a) Micro surfacing, slurry seals, polymer modified slurry seals**
- b) Chip Seals, Fog Seals, Scrub Seals**
- c) Rejuvenators, Asphalt Sealers, Crack Treatments**



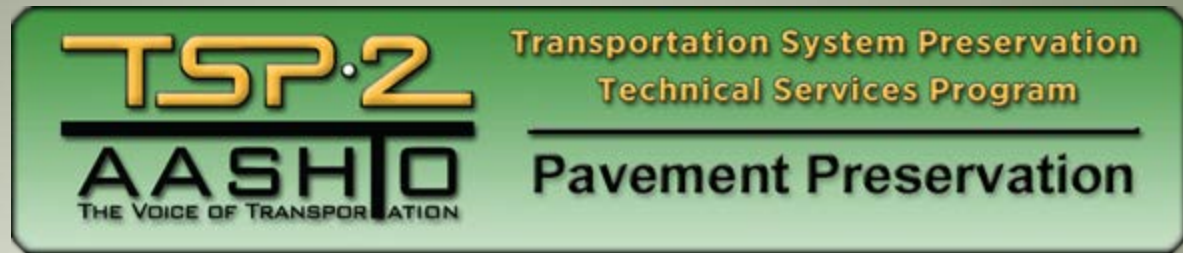
Suggested Agency Certification Program

- **One certified individual in the specific pavement preservation treatment category from each region, district, or division and headquarters.**
- **A certified agency person attends pre-con meeting and provides J.I.T. to appointed agency inspector.**



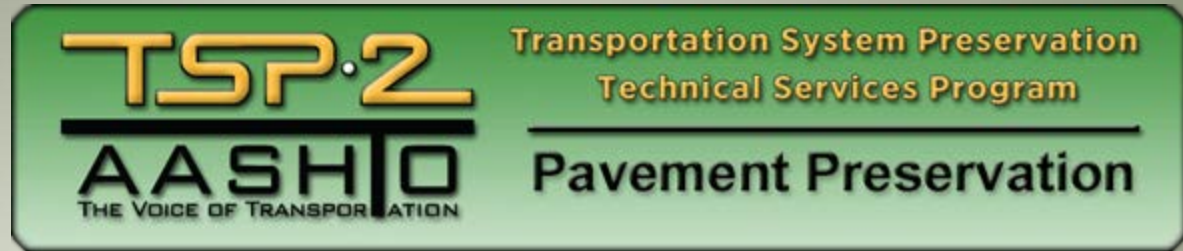
Suggested Agency Certification Program

- **Certified agency person to witness equipment calibration process.**
- **The certified agency person will be accessible by telephone from the appointed agency inspector if questions arise.**



Suggested Contractor Certification Program

- **Certified contractor must have a approved quality control plan (QCP) approved by NCPP/TSP•2, the certifying organization.**
- **Certified contractor is required to have trained and certified personnel.**



Suggested Contractor Certification Program

- **Contractor must update documentation annually to maintain certification. This includes Quality Control Plan (QCP) for approval, list of trained and certified employees.**
- **Contractor will lose certification if actions found to be fraudulent or misleading by the agency or certifying organization.**



Pavement Preservation Certification Initiative

Pilot Program

- 1. International Slurry Surfacing Association (ISSA) for contractors**
- 2. Agencies expressing interest in participating in pilot program**
 - Nevada DOT**
 - Mississippi DOT**
 - Illinois DOT**



Thank You