

FHWA EDC-4 Concrete Preservation Training, Checklists, and Peer Exchanges

Pavement TWG

July 25, 2018

Charlotte, North Carolina

National Concrete Pavement
Technology Center



IOWA STATE UNIVERSITY
Institute for Transportation

Steven L. Tritsch, P.E.
stritsch@iastate.edu

Training

- WBT for Contractors
- NHI Format
 - Diamond Grinding
 - Partial Depth Repair
 - Full Depth Repair
 - Dowel Bar Retrofit/Cross Stitching
 - Joint/Crack Sealing

Training continued

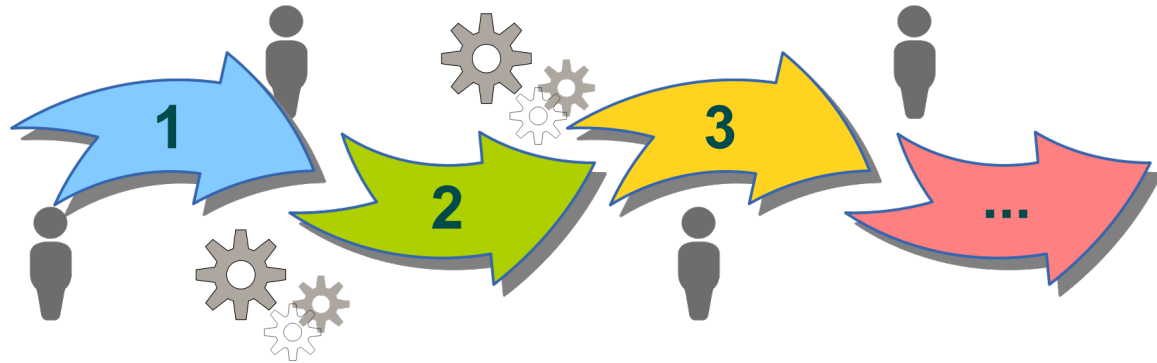
7 Workshops

- NACE
- PPP
 - Northeast
 - Southeast
 - Rocky Mountain
 - Midwest
- NCC
 - New York, fall 2018
 - Colorado, spring 2019

Checklist Common Protocol

App based

- Phone
- Tablet
- Print
- Link to supporting document
- See if can link to AASHTO e document
- Accept photos
- Brief videos



Six Asphalt Checklists

To be developed by NCPP

- Tack Coat
- Scrub Seal
- Patching
- High Friction Surface Treatments
- Cap Seals
- Ultrathin Bonded Wearing Course



These are in addition to the existing 10 checklists

Two Concrete Checklists

To be developed by ACPA/IGGA

- Cross-Stitching
- Grooving



These are in addition to the existing 5 checklists

Existing Asphalt Checklists



- Inspection Checklist #01 Crack Seal Application
- Inspection Checklist #02 Chip Seal Application
- Inspection Checklist #03 Thin Hot Mix Application
- Inspection Checklist #04 Fog Seal Application
- Inspection Checklist #05 Microsurfacing Application
- Inspection Checklist #11 Hot In-Place Asphalt Recycling Application
- Inspection Checklist #12 Cold In-Place Asphalt Recycling
- Inspection Checklist #13 Slurry Seal Application Checklist
- Inspection Checklist #14 Fabric Interlayer Application
- Inspection Checklist #15 Full Depth Reclamation

Existing Concrete Checklists



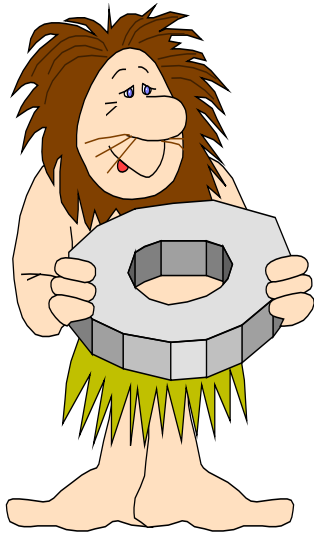
- Inspection Checklist #06 Joint Sealing Portland Cement Concrete Pavements
- Inspection Checklist #07 Diamond Grinding of Portland Cement Concrete Pavements
- Inspection Checklist #08 Dowel-Bar Retrofit of Portland Cement Concrete Pavements
- Inspection Checklist #09 Partial-Depth Repair of Portland Cement Concrete Pavement
- Inspection Checklist #10 Full-Depth Repair of Portland Cement Concrete Pavements

Peer-to-Peer Exchanges

10 Face to Face Meetings

- 1 ½ Day Exercise
- Lead Agency
 - Knowledge of Treatment
 - Brief Explanation
 - Open Discussion
- Prospective Agency
 - Wants Knowledge of What Works and Doesn't
 - Participant Must be Proactive
- Will Group States to Promote Interaction

Thanks for your time



www.cptechcenter.org

