Joint Technical Committee on Pavements (JTCP)

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2011 SOM
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OUTLINE

JTCP

- Who
- What
- Why
- What does it have to do with SOM?
JTCP

- 20 State DOT members + Chair & Vice-Chair
  - ½ SOD, ½ SOM
  - All AASHTO Regions
- Liaisons
  - AASHTO, NCHRP, FHWA, SHRP2, NAPA, ACPA
- Meet once/year in person
  - Webinars
  - Teleconferences
- 4 Technical Groups
Technical Groups

- Pavement Design and Analysis
- Pavement Management
- Sustainability and Surface Characteristics
- Low Volume Roads
Publications (Reports and Guides)

AASHTO Guide for Design of Pavement Structures
Pavement Friction Guide
Pavement Management Guide
Pavement Deflection Data Exchange: Technical Data Guide
Pavement Management Roadmap
Guide to Local Calibration of the MEPDG
COMING SOON:
Pavement Type Selection Guide
Pavement Management Handbook
“DARWin-ME™ is the next generation of AASHTOWare® pavement design software.
New Pavement Design

Flexible Pavement (AC)

Continuously Reinforced Concrete Pavement (CRCP)

Jointed Plain Concrete Pavement (JPCP)
Types of Overlays:

1. AC over AC
2. AC over JPCP
3. AC over CRCP
4. AC over JPCP (fractured)
5. AC over CRCP (fractured)
6. Bonded PCC/JPCP
7. Bonded PCC/CRCP
8. JPCP over CRCP (unbonded)
9. JPCP over JPCP (unbonded)
10. CRCP over CRCP (unbonded)
11. CRCP over JPCP (unbonded)
12. JPCP over AC
13. CRCP over AC
Pavement Restoration

Types of Restorations:

1. JPCP Restoration
Included in Analysis Summary:

Inputs
- Traffic
- Climate
- Layer Design Properties

Outputs
- Distress Prediction Summary
- Distress Charts
JTCP Needs YOU!!

- We need support from the Subcommittee on Materials for research statements:
  - Pavement Management
  - Concrete recalibration for CTE correction
  - …..future research need statements