



Polymer Concrete Overlays/  
High Friction Surfacing



**NTPEP 2014**



# Nomination and Selection of Vice Chair



# Update on Program

- 2012 Test decks
  - ▣ 4 total systems
    - 1 Concrete pavement
    - 1 Bridge deck
    - 4 Asphalt pavement





# Program Update

- 2012 Data
  - ▣ Laboratory nearly completed
  - ▣ Initial field data collected:
    - Friction Number 40 mph
    - Adhesion
    - Percent delamination







# Program Update

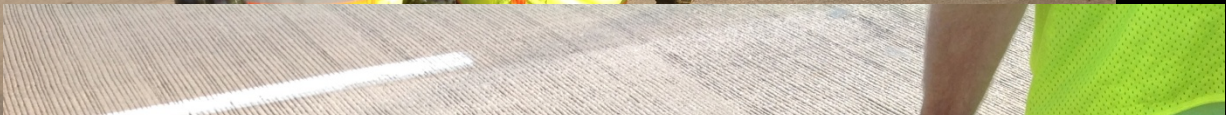
- 2012 Data Cont.
  - ▣ Year 1 field data collected:
    - Friction Number:
      - 20mph, 40mph 60mph (ribbed and smooth tire)
      - Grip number 20mph, 40mph, 60mph (Virginia Tech)
      - Dynamic Friction Test
      - Laser Contour/Texture Testing
      - Adhesion
      - Delamination percentage



# Program Update

- 2013 Initial Data
  - ▣ Friction number:
    - 20mph, 40mph, 60mph (ribbed and smooth tire)
    - Grip number 20mph, 40mph, 60mph (Virginia Tech)
    - Dynamic Friction Tester
    - Laser Contour/Texture Testing
    - Adhesion
    - Delamination Percentage







# Workplan Discussion

- Perimeter cracking of asphalt installations
  - ▣ Kentucky has seen a large number of installations where cracking has occurred on the perimeter.
  - ▣ Coring pavement (if possible) and measuring crack depth.
  - ▣ Potential for a non destructive test.







We need more friends

**INDUSTRY INPUT**



Action Items for 2014?

# OPEN DISCUSSION





**YOU MAY LEAVE NOW!**