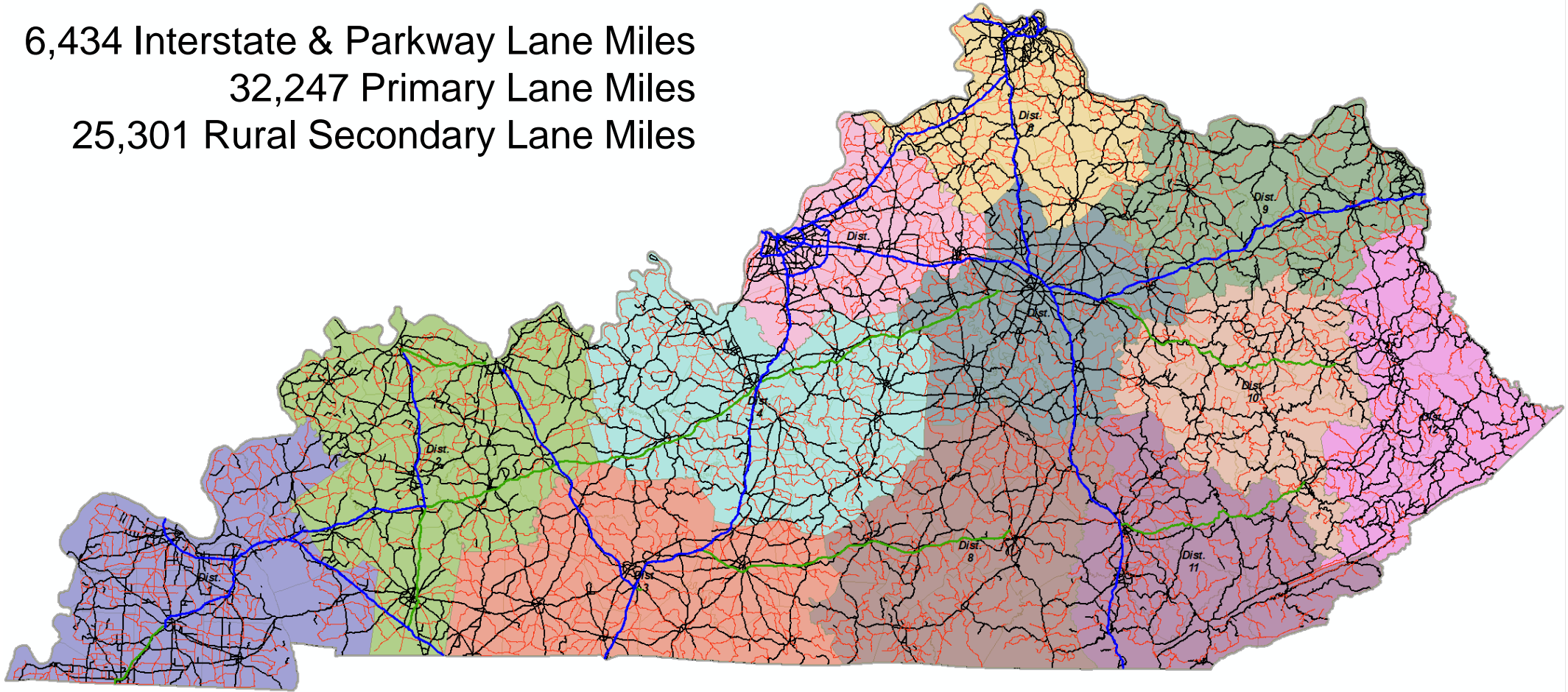


# Kentucky Preservation Training Program

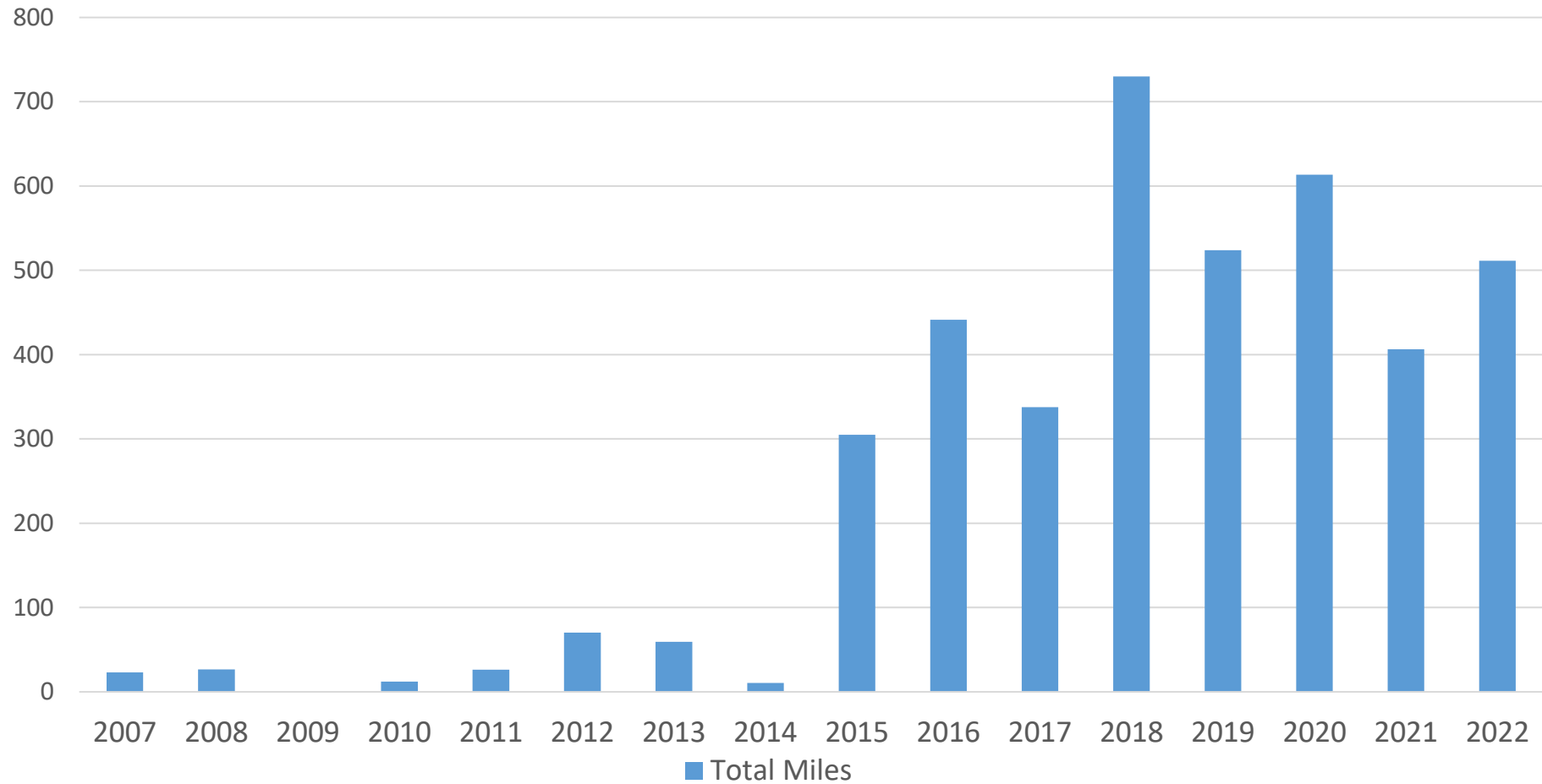


6,434 Interstate & Parkway Lane Miles  
32,247 Primary Lane Miles  
25,301 Rural Secondary Lane Miles



# Small Beginnings

LANE MILES LET



# Preventive Maintenance Alliance

- ▶ In 2014 Group was formed to focus on Pavement Preservation
- ▶ Members of this group included:
  - Central Office Operations and Pavement Management
  - Central Office Materials
  - Central Office Roadway Maintenance
  - District Project Delivery and Preservation Branch Managers
  - District Engineers

# Preventive Maintenance Alliance

- ▶ Goals of the PMA:
  - Maintain data driven process
    - Select the right projects
  - Ensure quality applications
    - Qualified staff
    - Annual Review
  - Track project performance
  - Increase treatment options
  - Guide research

# Comprehensive Training Program

- ▶ Spring Training
- ▶ Fall Meeting
- ▶ Regional Training
- ▶ Quick Reference Guides
- ▶ Other Agencies and Contractor Collaboration
- ▶ In-House Operations
- ▶ Spec Review
- ▶ Lessons Learned

# Spring Training

- ▶ Spring meetings focused on:
  - Treatment Education
  - Project Selection
  - Industry Participation
  - Equipment / Product Demonstrations
  - Network Optimization
  - Construction/Application
  - Project Inspection
  - Equipment Calibration
  - Estimate Training

# Spring Training





# Fall Meeting

- ▶ Fall meetings focused on:
  - District Treatment Presentations
  - Program Planning
  - Project Review
  - Lessons Learned
  - Research Projects
  - New Product Introduction
  - Specifications Review

# Regional Training

- ▶ Regional Training focused on:
  - Smaller groups
  - Inspection
  - Application training
  - Does / Don'ts
  - Material Sampling
  - Troubleshooting



# Reference Manuals

- ▶ Preventive Maintenance Resources
  - Past Presentations
  - Calibration worksheets
  - Construction Practices
  - Quick Reference Guides
    - Microsurfacing
    - Chip Seal
  - Quality Control Plan for Inspectors (Upcoming)

<https://transportation.ky.gov/Construction/Pages/Preventive-Maintenance-Resources.aspx>

# Collaboration

- ▶ Visit projects in other states
- ▶ National Research
- ▶ Peer Exchanges
- ▶ Networking

# Collaboration & In-House Operations



# Collaboration & In-House Operations



# Collaboration & In-House Operations





# Collaboration & In-House Operations



# Collaboration & In-House Operations



# Collaboration & In-House Operations



# Collaboration & In-House Operations



# Specification Review

- ▶ Portion of PMA participate
- ▶ Personnel from Construction, Materials, Maintenance
- ▶ Review past construction & material issues
- ▶ Propose modifications to specifications
- ▶ Introduce new specifications
- ▶ Continual process

# Future Considerations

- ▶ **Certification!**
  - Pros vs Cons
  - Carrot vs Stick (Funding)
  - How to Implement
  - Contractors only vs all KYTC
  - Expectations

Chad Shive  
Kentucky Transportation Cabinet  
chad.shive@ky.gov

