

# DelDOT's Pavement Preservation Program

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*NEPPP Meeting, April 29<sup>th</sup> - May 1<sup>st</sup> 2015*

# Welcome to Delaware

Recent national news!!!!

- I-495 Emergency Bridge Repair
- Dash Cam Video

# I-495





# I-495 cont.



# I-495 cont.



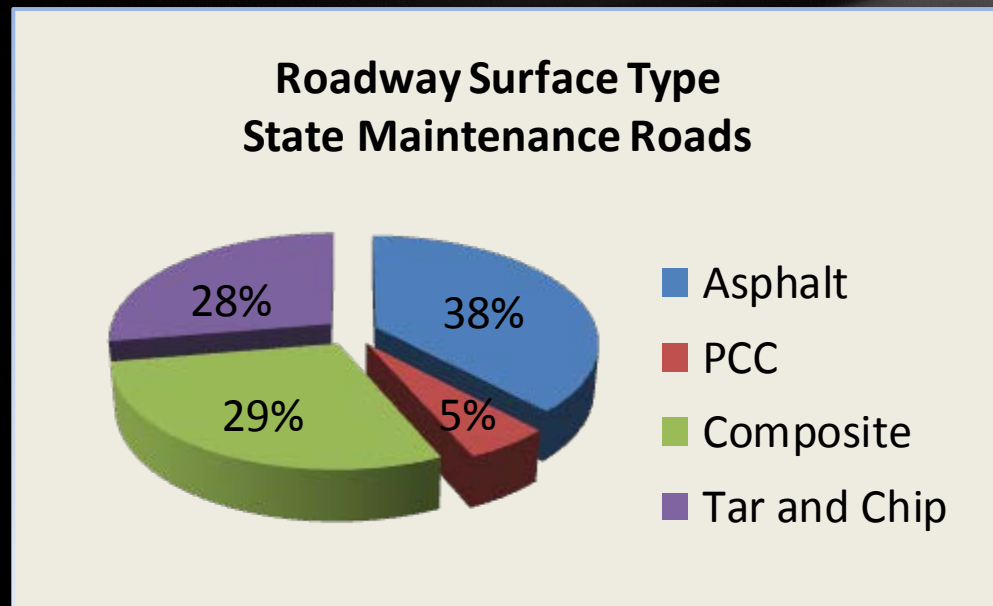
# Dover PD Dash Cam Confessional



<http://www.tubechop.com/watch/5809060>

# Delaware's Roads

- State of Delaware Maintains 89% of the mileage in the state
  - 4,400 centerline miles of State Maintenance
  - 1,500 centerline miles of Suburban Streets
- The Pavement Management Team is responsible for the maintenance and rehabilitation of State Maintenance Mileage





# High Modified Polymer Asphalt (HiMA)

- New treatment we are trying in Delaware
- Received SHRP2 Funding
- Benefits of HiMA:
  - Reduced Rutting
  - Better Fatigue Performance



# High Modified Polymer Asphalt (HiMA)

- Goal of HiMA: provide resistance to cracking and potholes in cold condition and softening in heat
- Two locations chosen for testing
  - Intersection of Rt 10 and Bay Rd, Dover DE
  - Intersection of Main St and Walnut St, Magnolia DE
- Both Locations have high traffic volume and significant rutting

# Rt 10 and Bay Rd





# Main St and Walnut St



# FY 16 Pavement Preservation Budget

Preservation Treatment	State Funding	Federal Funding
Microsurfacing	\$3.5M	
Thin overlay	\$3.0M	\$1.7M
Patching	\$5.0M	
Tar and Chip	\$3.25M	
Fog/Sand Seal	\$450K	
HiMA		\$670K
Total	\$15.2M	\$2.37M

Total Pave and Rehab Budget for FY16:

\$34.3M State

\$22.8M Federal



# FY17 Pavement Preservation Plan

- Treatment Types:
  - Same as FY16, with the exception of HiMA
- Budget:
  - Will depend on the final budget given for FY17 for pave and rehab
  - Current Spend listed for FY17 is \$40.8M State and \$26.8M Federal

# Woodland Beach Rd & Rt. 9 Experimental Treatment

- Fabric
- Chip Seal
- Micro Surfacing over Chip Seal





# Woodland Beach Rd & Rt. 9





# Woodland Beach Rd & Rt. 9

## FY14





# Woodland Beach Rd & Rt. 9

Present Condition



The background of the slide is a dark, abstract composition. On the right side, several bright, white light rays or beams of light originate from a point and fan out towards the left, creating a sense of depth and movement. The rest of the background is a dark, textured grey. The text 'No Questions Please?' is centered in the upper half of the image.

**No Questions Please?**



Questions?