DelDOT's Pavement Preservation Program

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NEPPP Meeting – April 2014
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

![Pie chart showing Roadway Surface Type State Maintenance Roads]

- Asphalt: 38%
- PCC: 5%
- Composite: 29%
- Tar and Chip: 28%
Pavement Management Performance Measures

- Overall Pavement Condition (OPC)
  - Good – OPC > 60
  - Fair – OPC between 50 and 60
  - Poor – OPC < 50

- Goal: 85% of roads in good or fair condition with no more than 10% rating fair

- 2013 Ratings: 99% of state maintenance roads have an OPC of 50 or greater

![2013 OPC Standings](chart.png)
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Budget (M)</th>
<th>Total Program Miles</th>
<th>Rehab (M)</th>
<th>Miles</th>
<th>Micro (M)</th>
<th>Miles</th>
<th>Conversion (M)</th>
<th>Miles</th>
<th>Tar &amp; Chip (M)</th>
<th>Miles</th>
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</thead>
<tbody>
<tr>
<td>FY14</td>
<td>$58.90</td>
<td>344.92</td>
<td>$51.00</td>
<td>100.98</td>
<td>$0.40</td>
<td>4.85</td>
<td>$4.20</td>
<td>20.19</td>
<td>$3.30</td>
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<td>FY13</td>
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<td>349.77</td>
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<td>10.69</td>
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<td>$171.80</td>
<td>266.36</td>
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<td>188.22</td>
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<tr>
<td>FY11</td>
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</table>
FY 14 and Beyond

- New in the FY14 Program:
  - Federally funded microsurfacing contracts
    - State money was cut back, so in order to continue our microsurfacing program we pulled out all federally eligible locations

- Plans for FY15 program include:
  - Microsurfacing for all 3 counties
  - Open ended thin overlay contract

- Upcoming decisions for FY15:
  - Group of micro roads deteriorating quickly
    - Still deciding what rehab we will do
    - They reached the end of their life expectancy (5-7 years)
Innovative Ideas
Woodland Beach Rd & Rt. 9

- Fabric
- Chip Seal
- Micro Surfacing over Chip Seal
Woodland Beach Rd & Rt. 9
Underwoods Corner Rd

- Fabric
- Thin overlay
Questions?