SCDOT’s Specialty FDR Program

Reaching the Unreachable

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SCDOT Maintenance
Districts 2 and 4
SCDOT District 4 Program

- In-house Full-depth Reclamation History
  - Idea Proposed in 2008
    - Cost Saving
    - Eliminates Problem Roads from System
    - Minimal Start-up Cost
    - SCDOT in Action
    - Proactive vs. Reactive
SCDOT District 4 Program

- In-house Full-depth Reclamation History
  - SCDOT District 4 Received equipment and began training in June of 2010
  - First project S-46-163 (Rambo Road); began July 13, 2010
  - Over 134 miles reclaimed to date in District 4.
Chapel Road, York County, SC, May 2008
## Dist 4 Annual Summaries

<table>
<thead>
<tr>
<th>Year</th>
<th>Miles Reclaimed</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>7.95</td>
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<tr>
<td>2011</td>
<td>20.58</td>
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<tr>
<td>2012</td>
<td>19.68</td>
</tr>
<tr>
<td>2013</td>
<td>20.98</td>
</tr>
<tr>
<td>2014</td>
<td>23.84</td>
</tr>
<tr>
<td>2015</td>
<td>20.07</td>
</tr>
<tr>
<td>2016</td>
<td>21.28</td>
</tr>
<tr>
<td></td>
<td>134.38</td>
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# Dist 4 Annual Summaries

<table>
<thead>
<tr>
<th>Year</th>
<th>Miles Reclaimed</th>
<th>Year</th>
<th>Miles Reclaimed</th>
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<tbody>
<tr>
<td>1997</td>
<td>15.41</td>
<td>2006</td>
<td>18.57</td>
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<tr>
<td>1998</td>
<td>1.87</td>
<td>2007</td>
<td>2.33</td>
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<td>1999</td>
<td>13.36</td>
<td>2008</td>
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<tr>
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<td>2009</td>
<td>32.48</td>
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<tr>
<td>2001</td>
<td>5.0</td>
<td>2010</td>
<td>31.98</td>
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<td>11.56</td>
<td>2011</td>
<td>44.16</td>
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<tr>
<td>2003</td>
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<td>2012</td>
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<td>2004</td>
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<td>2013</td>
<td>21.88</td>
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<tr>
<td>2005</td>
<td>74.84</td>
<td>2014</td>
<td>28.48</td>
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<tr>
<td>2015</td>
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<td>2015</td>
<td>67.21</td>
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<tr>
<td>TOTAL</td>
<td></td>
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<td>427.7 miles</td>
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2014 Season Data

- 5,962.59 tons of cement used during the 2014 season

- Work performed in 4 of 7 district counties

- Total project costs for 2014 season including bituminous triple treatment $119,000.00 per mile
Cement Spreader
Cement Spreader
Cement Spreader
Cement Spreader
Water Truck
Water Truck
Water Truck
Water Truck
Reclaimer
Reclaimer
Reclaimer
Reclaimer
Reclaimer
Reclaimer
Sheep foot Compactor
Sheep foot Compactor
Motor Grader
Motor Grader
Steel Drum Roller
Steel Drum Roller
Aggregate Seal
Aggregate Seal
Aggregate Seal
Process After
After