WHO IS PACIFIC GEOSOURCE

Mike Hass
Product Manager

- Civil Engineering Degree-Oregon State University
- 2005 1st Team All-American
- 5 Years NFL
- 2000 Fiber Projects
- Drain, OR, Salt Lake City, St. Louis, MO
900 LB ASPHALT SLAB REINFORCED WITH FORTA FI

Fiber 3-D Reinforcement

- Increased Cracking Resistance
- Increased Rutting Resistance
- Increased Pavement Lifespan
Easy to Use

- 1lb./Ton
  Consistent proven dosage rate.
- Batch or Drum Plants
- No Changes to Production or Mix Design
  HMA, WMA, FAA
- Easier to Compact, 100% Recyclable
- Automated Fiber Feeding
  Blue tooth controlled, easy to use
Lancaster, CA
LA County

BEFORE
March 2016

AFTER
November 2018

Conventional Asphalt
FORTA\textit{fied} Asphalt
Field Cracking Study
Davenport Rd., LA County

<table>
<thead>
<tr>
<th>Inspection Number</th>
<th>Distress</th>
<th>Severity</th>
<th>EB (LF)</th>
<th>WB (LF)</th>
<th>% Difference (EB vs WB)</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Leng. &amp; Trans. Cracking</td>
<td>Low</td>
<td>67</td>
<td>38</td>
<td>33.3%</td>
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<tr>
<td>2</td>
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<td>13</td>
<td>40.0%</td>
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<tr>
<td>3</td>
<td>Leng. &amp; Trans. Cracking</td>
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<td>157</td>
<td>39</td>
<td>75.2%</td>
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<td>4</td>
<td>Leng. &amp; Trans. Cracking</td>
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<td>21</td>
<td>-23.5%</td>
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<tr>
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<td>8</td>
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<td>17</td>
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<td><strong>Totals:</strong></td>
<td></td>
<td></td>
<td>634</td>
<td>141</td>
<td>73.6%</td>
</tr>
</tbody>
</table>

Table 2

From 2020 Final Report by Pavement Engineering Inc.

PCI Comparisons
Township of Pine, PA
PCI Comparisons
Township of Pine, PA

HMA = 10 yrs to Resurfacing
FRAC = 16 yrs to Resurfacing

Costs: HMA $80/ton, FRAC $92/ton
2” O’lay: 1 ton=9.2 SY

28% Cost Savings on Overlays

WE’RE PROUD
That what we do,
and the solutions we provide
are made right here in the
USA