Pavement Technology, Inc.
Our Core Products

**Reclamite** - Maltene Based Asphalt Rejuvenator

**JOINTBOND** - Longitudinal Joint Stabilizer

**CRF** – Restorative Seal and Crack Filler

**Cyclogen** - Asphalt Cement Recycling Agent

**SURFCRETE** - Concrete Resurfacener

**Coherex** - Dust Control Agent
Since 1972 Reclamite® has been proven to extend pavement life on Rural Roads, City Streets, and Highway Shoulders thereby lowering agencies resurfacing and maintenance costs.
Reclamite®
Maltene Based Asphalt Rejuvenator

Reclamite Test Section
Spring Hill Circle

After 10 Years

Treated

Not Treated

Reclamite Applied 1997
Picture Taken 2007
Reclamite®
Maltene Based Asphalt Rejuvenator
Extending Pavement Life on Interstates and Expressways

Surface Abrasion
Skid Testing Before & After
Reclamite Application
Core Testing Before & After
Reclamite improves AC Viscosity.

Surface Abrasion increases Skid Numbers.
JOINTBOND® - Longitudinal Joint Stabilizer

**INTERSTATE HIGHWAYS**

**RURAL ROADS**

**URBAN STREETS**

**RUMBLE STRIPS**

**AIRPORTS**
JOINTBOND® - Longitudinal Joint Stabilizer

STRIPING REMAINS VISIBLE

Reflectivity Remains - Even in the RAIN
**TDOT- Jointbond® Test Section - US79**

**After 3 Years**

**TDOT- Jointbond® Test Section - US79**

**After 4-1/2 Years**

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**Test Results on Recovered Binder-JOINTBOND Treated City of Nashville, TN – Centennial Blvd.**

<table>
<thead>
<tr>
<th>Core Sample</th>
<th>Viscosity@60°C, Poises</th>
<th>Phase Angle, °</th>
<th>M O D U L U S, Pa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core # 3: Treated Core B top 3/8”</td>
<td>5441</td>
<td>85.5</td>
<td>432</td>
</tr>
<tr>
<td>Core # 3A: Treated Core B 3/8-3/4” layer</td>
<td>7028</td>
<td>84.4</td>
<td>685</td>
</tr>
<tr>
<td>Core # 4: Untreated Core B top 3/8”</td>
<td>8258</td>
<td>84.0</td>
<td>869</td>
</tr>
<tr>
<td>Core # 4A: Untreated Core B 3/8-3/4” layer</td>
<td>8251</td>
<td>84.2</td>
<td>833</td>
</tr>
<tr>
<td>Core # 5: JOINTBOND Treated Core C</td>
<td>4036</td>
<td>85.2</td>
<td>336</td>
</tr>
<tr>
<td>Core # 6: Untreated Core C</td>
<td>8108</td>
<td>83.2</td>
<td>8129</td>
</tr>
</tbody>
</table>

**Summary of Results:**

- All cores tested to 3/8” indicated the product had penetrated to the 3/8” depth where it improved both viscosity and elasticity modulus of the cores from the treated pavement.
- Core #3A was also tested to a 1” depth and indicated the product had also penetrated to the 1” depth and provided similar improvements to viscosity and elasticity modulus in the core from the treated pavement.