HMA Ultra-Thin
High Value Pavement Enhancement

- Extends Pavement Life
- Protects the Pavement Structure
- Restores Pavement Smoothness

HMA Ultra-Thin 3/4”- 1”
Over existing asphalt pavement

- VS -

Typical Surface Treatment 3/16”- 3/8”
Over existing asphalt pavement
HMA Ultra-Thin
High Value Pavement Enhancement

RECOMMENDED APPLICATION

Preventive Maintenance Treatments Cost Comparison

<table>
<thead>
<tr>
<th>Treatment</th>
<th>$/syd **</th>
<th>Cost/mile (24’ wide)</th>
<th>Life extension range* (years)</th>
<th>Life extension range* average (years)</th>
<th>Cost/mile per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chip Seal-Double</td>
<td>$3.26</td>
<td>$45,899</td>
<td>3-5</td>
<td>4</td>
<td>$11,475</td>
</tr>
<tr>
<td>Micro-Surface</td>
<td>$2.90</td>
<td>$40,830</td>
<td>3-5</td>
<td>4</td>
<td>$10,208</td>
</tr>
<tr>
<td>Ultra-Thin Low</td>
<td>$2.61</td>
<td>$36,747</td>
<td>5-9*</td>
<td>7*</td>
<td>$ 5,250</td>
</tr>
<tr>
<td>Ultra-Thin Medium</td>
<td>$2.98</td>
<td>$41,957</td>
<td>5-9*</td>
<td>7*</td>
<td>$ 5,994</td>
</tr>
<tr>
<td>Ultra-Thin High</td>
<td>$3.36</td>
<td>$47,307</td>
<td>5-9*</td>
<td>7*</td>
<td>$ 6,758</td>
</tr>
</tbody>
</table>

* Average Life Extension estimated by APAM
** Unit Prices based on Weighted bid prices from last 12 MDOT lettings (thru June 2018)

- PASER rating of 4, 5 or 6
- Structurally sound pavement
- Moderate cracking < 1/2” wide
- Aged, oxidized or low skid resistance pavements

BENEFITS

- 5-9 year life extension
- Seals pavement to delay further deterioration
- Improve ride quality
- Can improve skid resistance
- Maintain existing gutter pan
- Minimize or eliminate structure adjustments
- Reduce noise
- Improve drainage
- Ease of construction, standard paving operation
- Minimal construction time

For More Information Please Contact

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