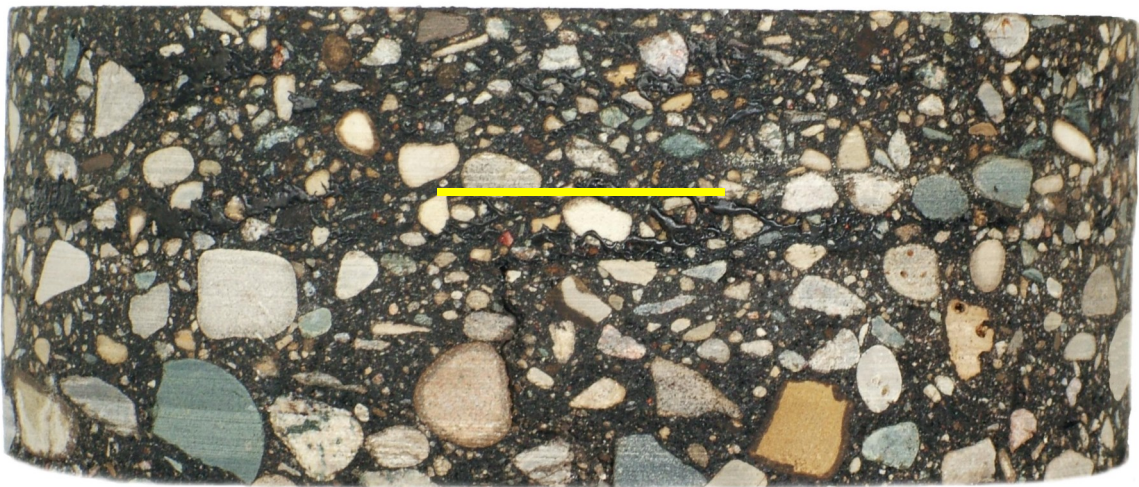


HMA Ultra-Thin

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

Treatment	\$/syd **	Cost/mile (24' wide)	Life extension range* (years)	Life extension range* average (years)	Cost/mile per year
Chip Seal-Double	\$2.96	\$41,675	3-5	4	\$10,419
Micro-Surface	\$3.15	\$44,350	3-5	4	\$11,088
Ultra-Thin Low	\$2.80	\$39,422	5-9	7	\$ 5,632
Ultra-Thin Medium	\$2.76	\$38,859	5-9	7	\$ 5,551
Ultra-Thin High	\$3.20	\$45,054	5-9	7	\$ 6,436

* Average Life Extension estimated by APAM

** Unit Prices based on Weighted bid prices from last 12 MDOT lettings (thru January 2014)

- 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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