



Ohio DOT Preservation Research Findings



4 PM strategies investigated:

- Thin (<2”) Hot Mix Overlays
- Micro-Surfacing
- Chip Sealing
- Crack Sealing



Thin Hot Mix Overlays (<2")

- Average thin overlay project cost is about 40% of the cost of the average minor rehabilitation project, but lasts more than 70% of the time.
- Higher aggregate soundness loss was found to correlate with a higher deterioration rate.



Micro-Surfacing

- Timing more appropriate in good to fair condition rather than Excellent condition.
- Life extension of 8 to 9 years.



Chip Seals

- Timing more appropriate in good to fair condition rather than Excellent condition.
- Life extension of 7 years.



Crack Sealing

- Timing more appropriate in good to fair condition rather than excellent condition.
- Life extension of 7 years.
- More cost effective for composite pavements



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QUESTIONS

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