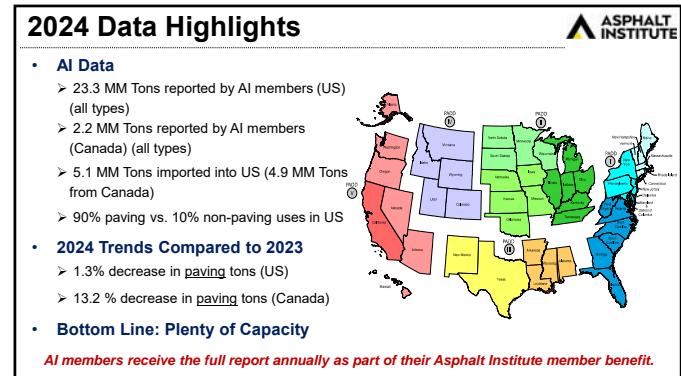
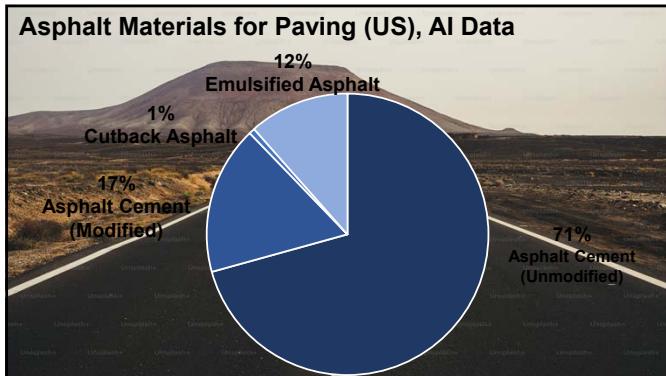
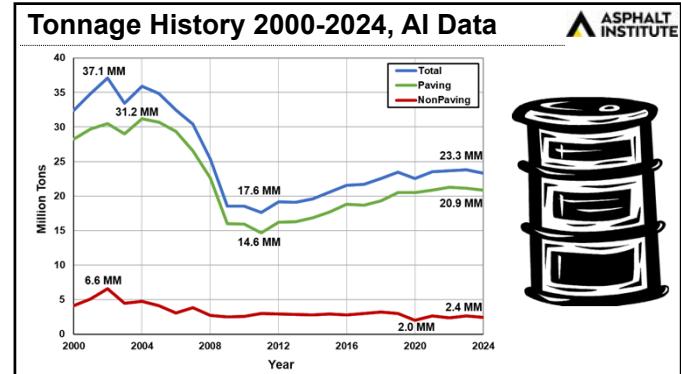
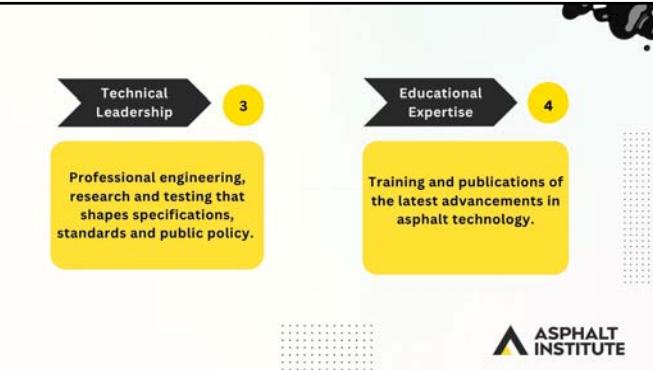


What Impacts Asphalt Production...

- Refinery economics**
 - Optimize crude and products
 - Asphalt is 2% of the output
- Demand from end users**
 - Funding from federal, state, commercial activity
- Specifications**
 - Mix design
 - RAP / RAS
 - Use of modifiers
- Public agencies still the largest market**
- Not a supply issue...**
 - Lots of capacity in the system



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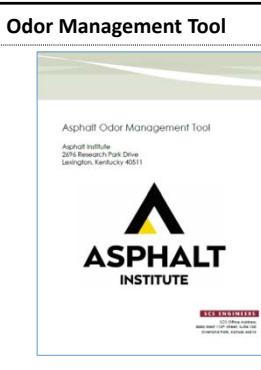



Technical Leadership 3
Professional engineering, research and testing that shapes specifications, standards and public policy.

Educational Expertise 4
Training and publications of the latest advancements in asphalt technology.

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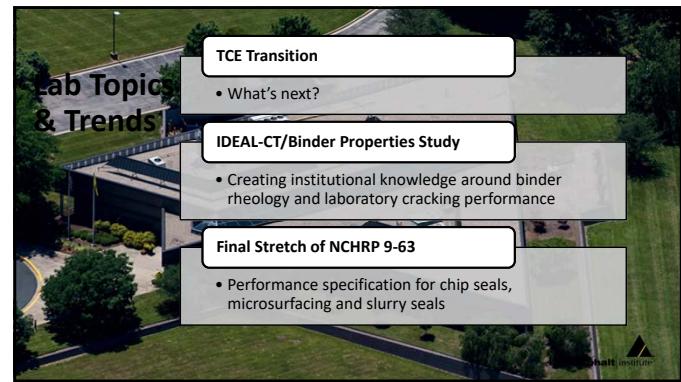
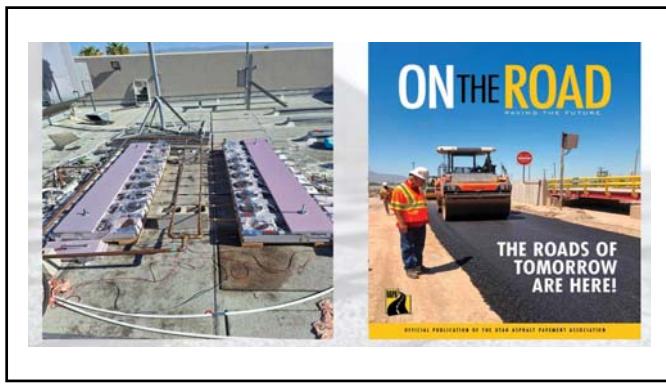
Odor Management Tool



ASPHALT INSTITUTE

EXECUTIVE SUMMARY
The Asphalt Institute has developed the Asphalt Odor Management Tool to assist its members and others in understanding and managing odors from stationary sources like asphalt roofing shingle plants, hot-mix asphalt plants, terminals, and refineries. The tool does not cover mobile and in situ operations such as road construction and roofing installation.

The document delves into the complexity of odor perception and monitoring, typical odor sources found in the asphalt industry, methods for assessing and controlling odors, and resources for community involvement and outreach.



IDEAL-CT/Binder Properties Study

- Goal: creating institutional knowledge surrounding binder/mix performance relationships
- A step forward toward providing baseline binder properties and BMD tests
- Preparation for future exploration of other variables (FA, rejuvenation, etc.)

IDEAL-CT/Binder Properties Study

Question we are trying to answer

- Why do different binders of the same grade provide different IDEAL-CT results?
- Which, if any, rheological properties are most effective at signaling IDEAL-CT results?
- How does binder content affect binder properties and CT Index?
- How does aging (short- and long-term) affect CT index when binders of the same grade correlate to binder rheology?

IDEAL-CT/Binder Properties Study

- Member-driven, no plan
- Members supply G58-28 and PG04-22 for analysis (\$10k/binder)
- Aging (ST and LT), IDEAL-CT, binder selection/recovery, Binder rheology
- Initial results at 2025 Annual Meeting
- Later stages will likely include rheology, binders, and more

ASPHALT INSTITUTE TRAINING & CERTIFICATIONS

Learn from our experts

- Basic Binder Technician Training
- Basic Emulsion Technician Training
- National Binder Technician Certification
- National Emulsion Technician Certification
- Rheobit (Rheology of Bituminous Materials) and more

“This course was very informative, and I learned a lot about the different types of asphalt, how it's produced, compacted and how can ensure a quality product is placed.”

300 Research Park Drive, Lexington, KY 40511 | asphaltinstitute.org/training



The United States in the 1830's

The Power of Association

"As soon as several of the inhabitants of the United States have conceived a sentiment or an idea that they want to produce in the world, they seek each other out; and *when they have found each other, they unite. From then on, they are no longer isolated men, but a power one sees from afar, [a power] whose actions serve as an example; a power that speaks; and [a power] to which one listens.*"

