

Asphalt Institute & Asphalt Pavement Alliance Update

Peter T. Grass, P.E., CAE

President, Asphalt Institute

AMAP

Albuquerque, NM

February 8, 2012



*J. Baxter Burns, II
Ergon Asphalt &
Emulsions*

*AI Chairman
2003, 2012*

*Dave Blackburn
Asphalt Materials
AI Vice Chairman
2012*

AI Asphalt Reporting

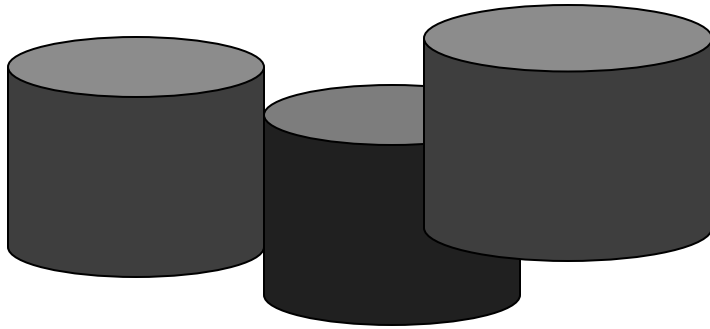
- 2 parts
 - Dues Reporting
 - Prior year sales for AI's Asphalt Usage Report

PART I

- Since 1919 – for dues only
- Strictly confidential data – tightly controlled

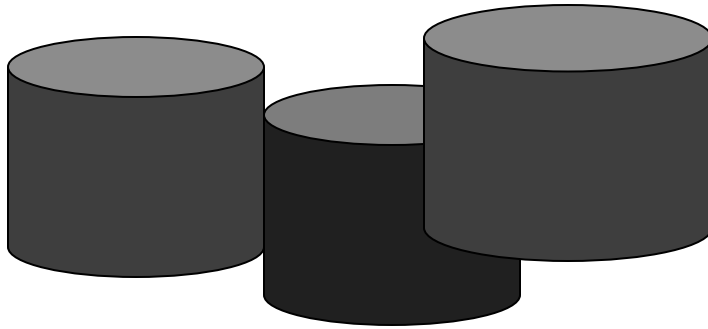
For dues purposes...

Manufacturer; AI member

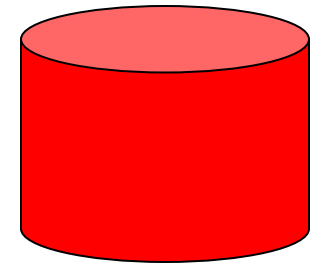


For dues purposes...

Manufacturer; AI member

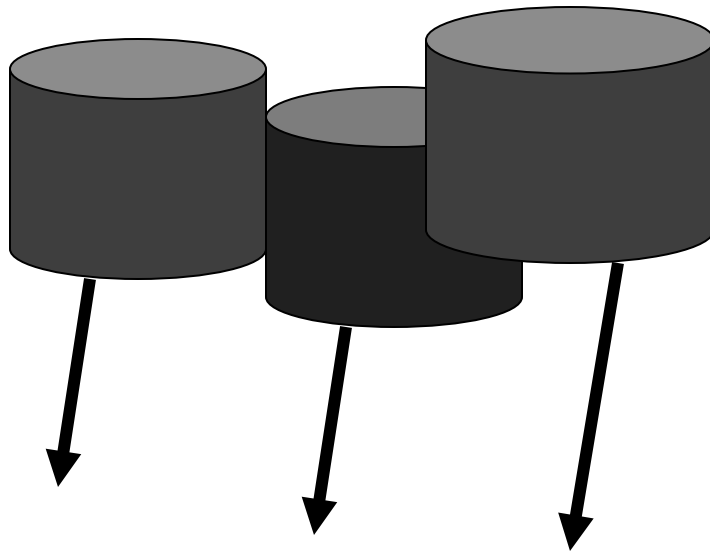


*Manufacturer;
non-member*



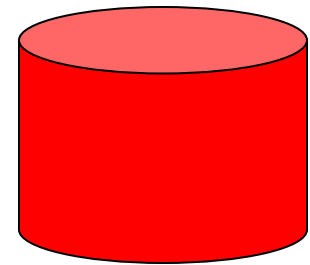
For dues purposes...

Manufacturer; AI member



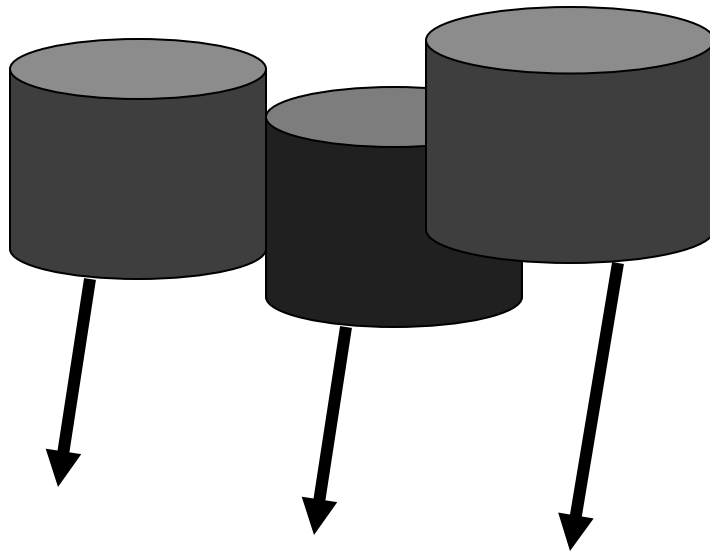
Reports all tons – for dues calculations

*Manufacturer;
non-member*



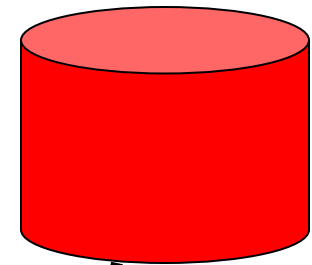
For dues purposes...

Manufacturer; AI member



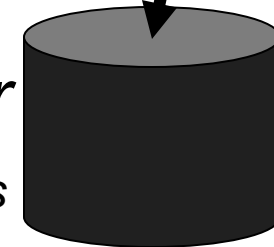
Reports all tons – for dues calculations

*Manufacturer;
non-member*



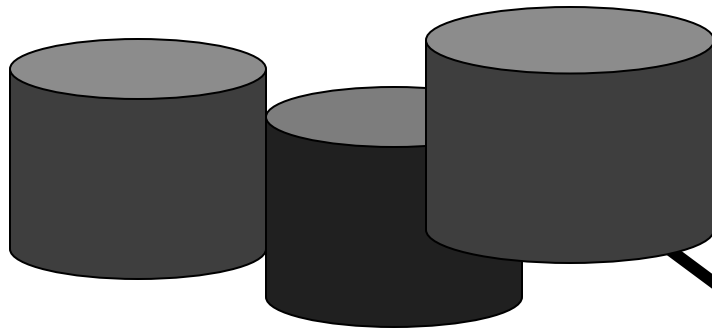
AI member

*Reports non-member purchased tons
– for dues calculations*

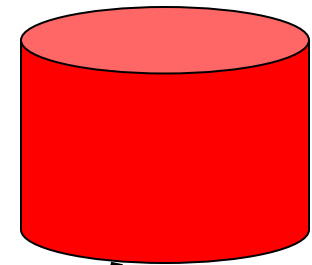


For dues purposes...

Manufacturer; AI member

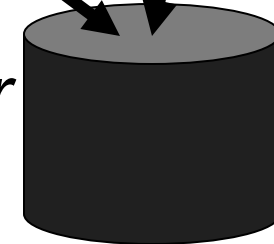


*Manufacturer;
non-member*



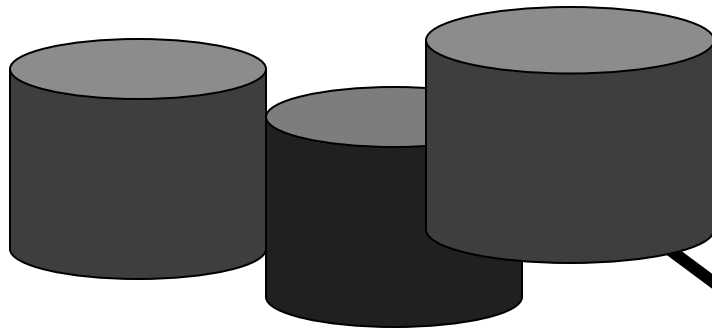
?

AI member

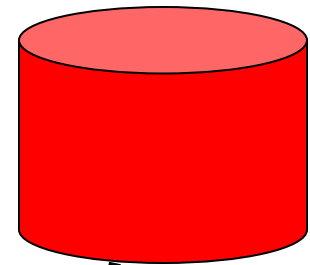


For dues purposes...

Manufacturer; AI member



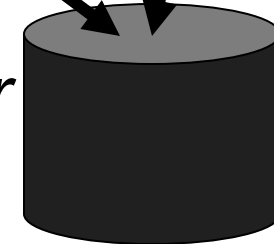
*Manufacturer;
non-member*



*Reports non-member purchased tons
– for dues calculations*

AI member

*Normally EXCLUDES tons
purchased from members*



AI Asphalt Usage Report

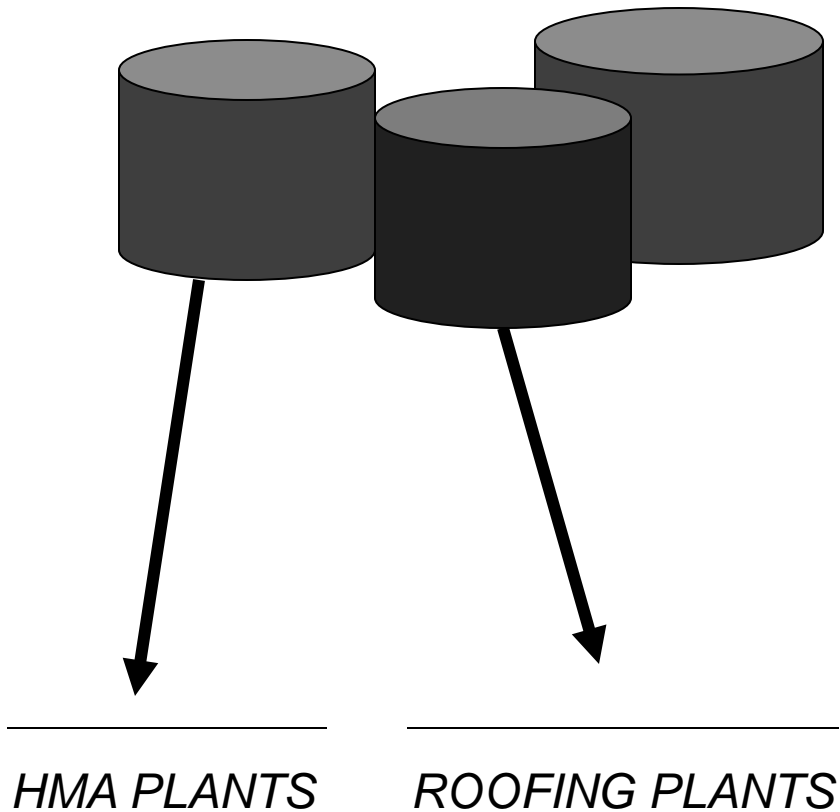
- Report since 1954
 - U.S. Bureau of Mines through 1976
 - U.S. DOE through 1979
 - AI since 1981.
- Strictly confidential input

AI Asphalt Usage Report

- 1981 – 2008
 - Based on tons by state by first seller
 - Inaccuracies
 - “consistently wrong”
- 2001 – abandoned “smoothing”
 - Equilibrium also reached
 - Discussion on improvement
- 2008-2009 TF “new report!”

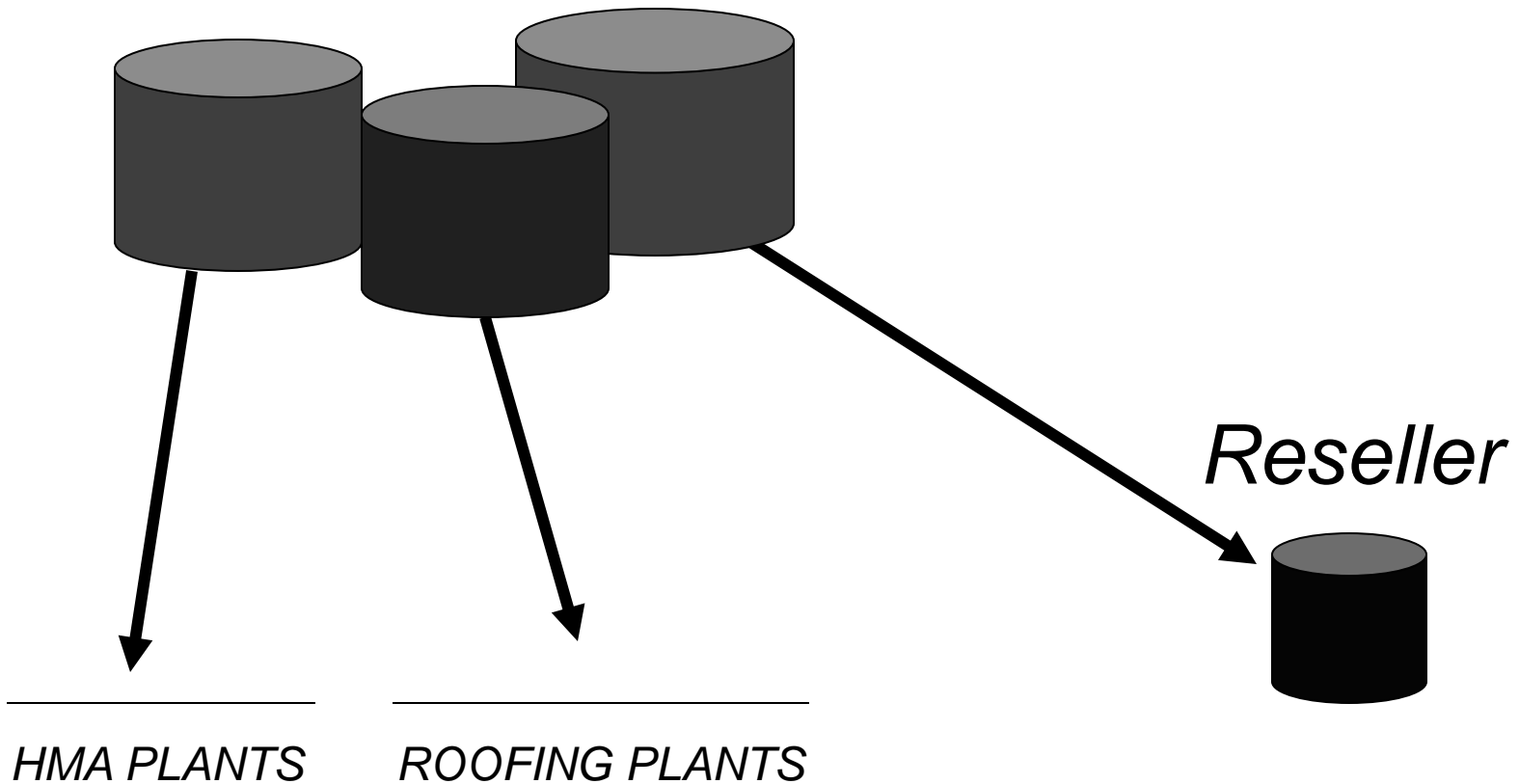
For Usage Reporting...

Manufacturer

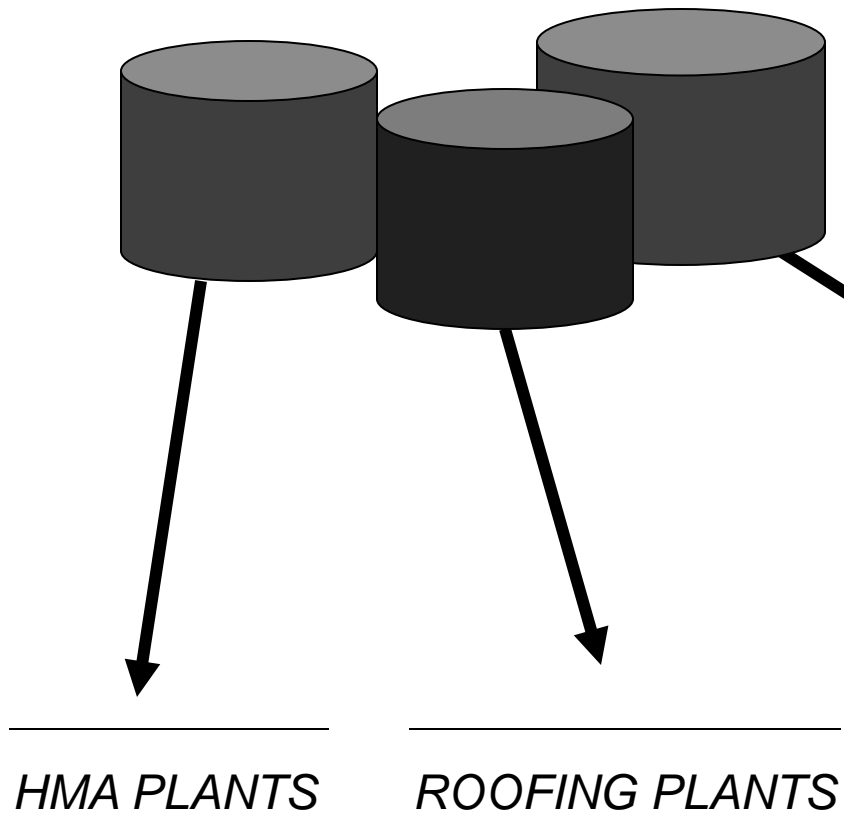


For Usage Reporting...

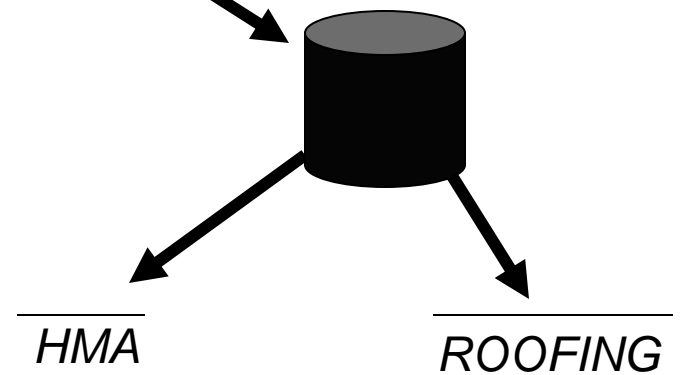
Manufacturer



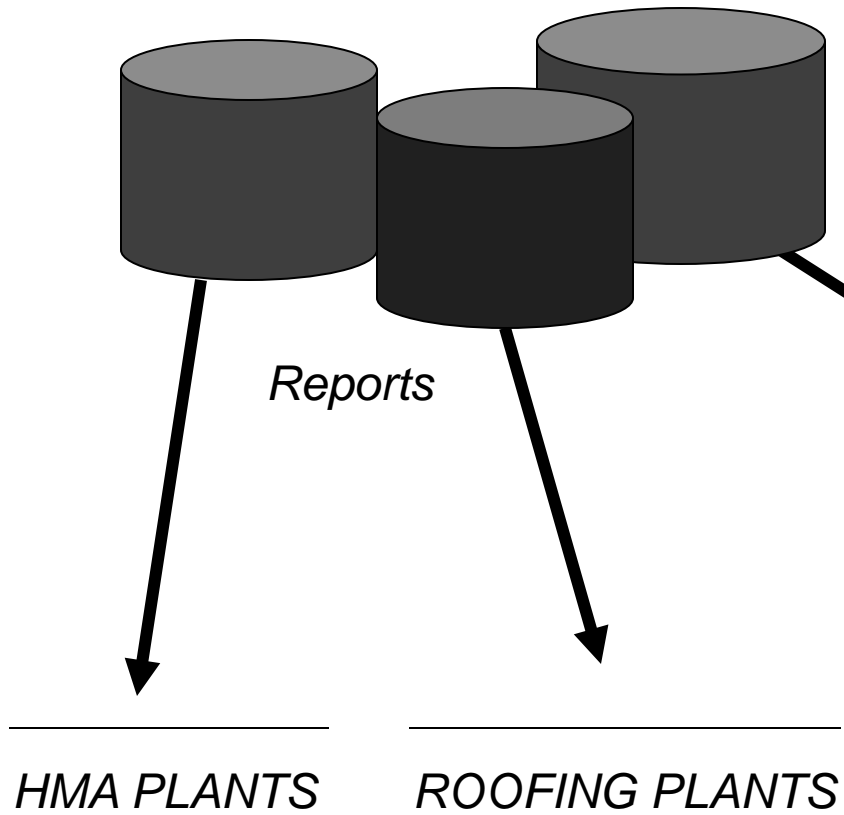
Manufacturer



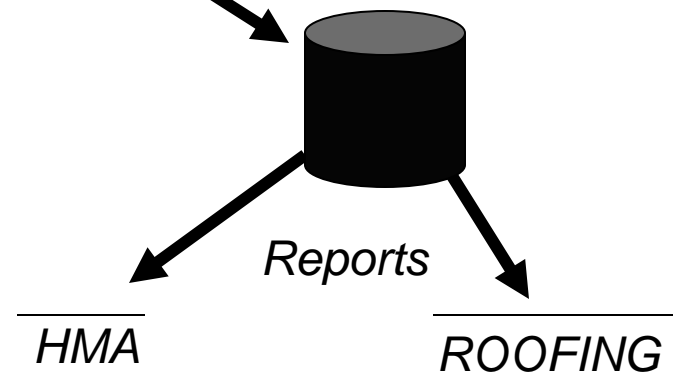
Reseller



Manufacturer

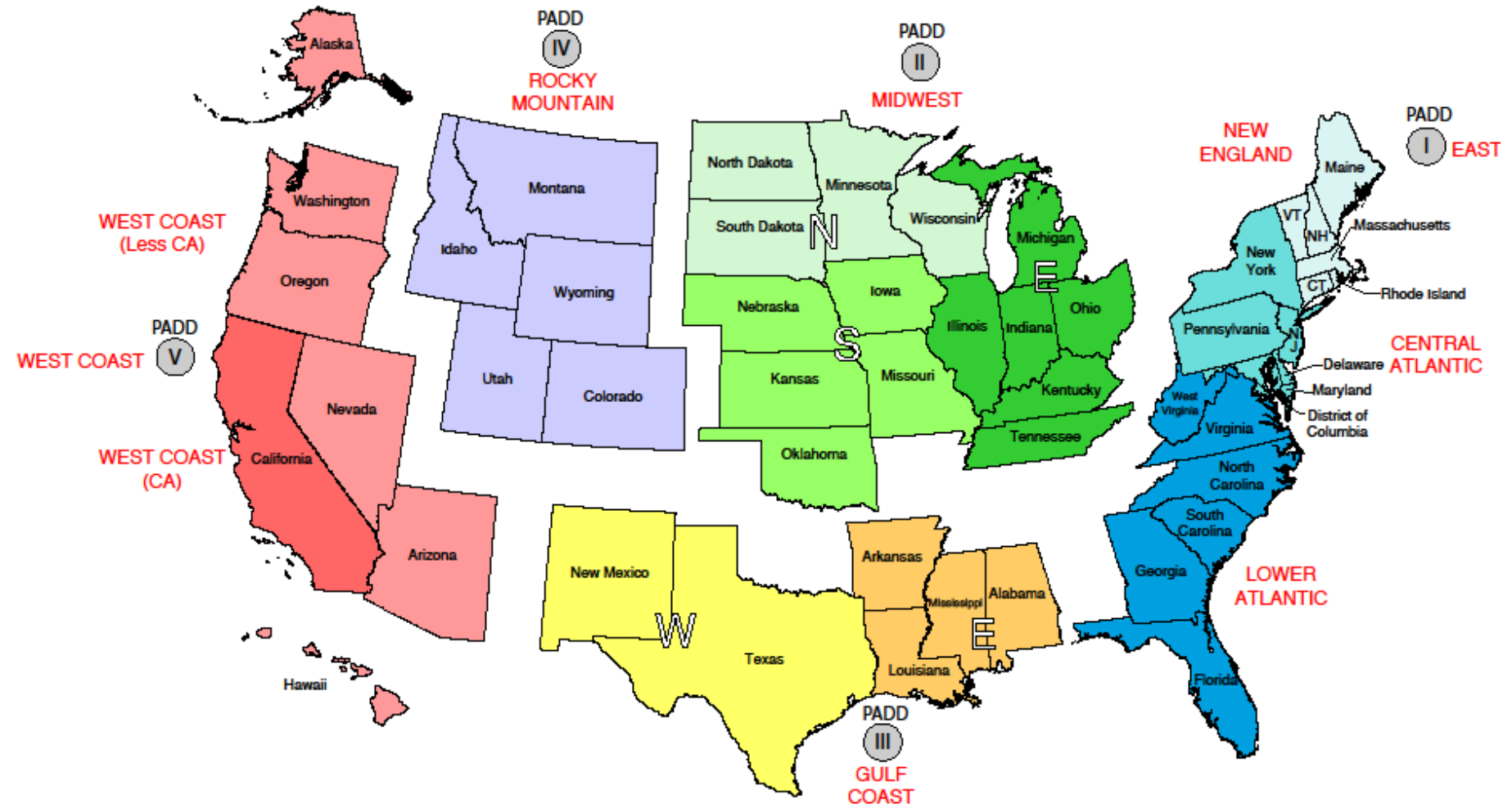


Reseller



New Usage Map

2010 U.S. Asphalt Usage Map Guide



2010 Data Highlights

- 33.3 MM Tons production capacity (US)
- 23.8 MM Ton produced (EIA)
- 21.5 MM Tons reported by AI members
- 1.8 MM Tons imported (some exported too)

So what?

SHARE
YOUR
ROAD

Favorite Road Events



FavoriteRoad.com

The place to share photos
and stories of your favorite road.





WWW.TRUCKINGSHOW.COM

March 31 – April 2, 2011 Louisville, KY
1.2 million square feet of exhibitor space
Over 80,000 attendees
Over 1,000 exhibitors

asphalt | institute



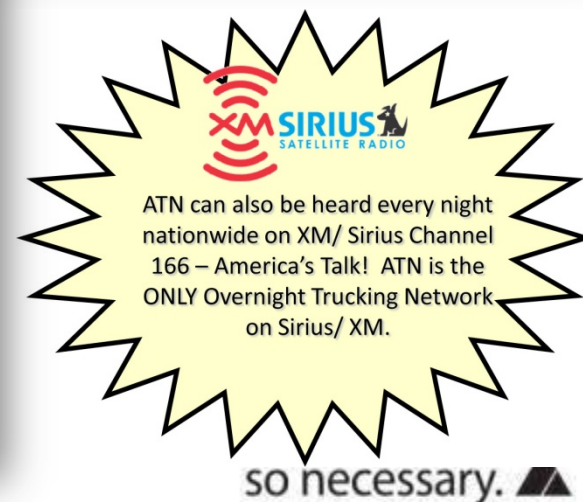
***America's Truckin' Network
XM Radio 158; 700 WLW
Midnight – 5 a.m. daily***







5 hours on-air June 10, 2011
Midnight to 5 a.m. live show
70K listeners + podcasts













Giants' Despair Hillclimb July 9-10, 2011

- *FavoriteRoad.com and sponsor logos were featured on 20 different cars.*
- *Darryl Danko, the hill's current record holder, carried the logos.*
- *Jack Danko, Sr featured the logos on in-car video of his runs up the hill.*
- *Interviewed by two local TV stations and two local newspapers*





2012 AI Event Calendar

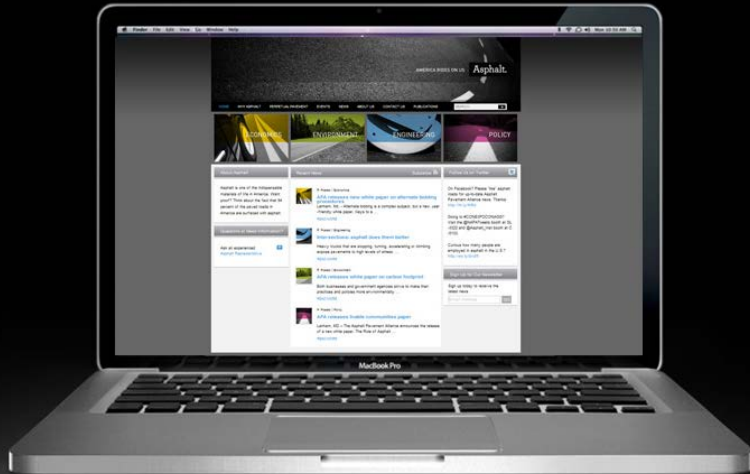
Month	Event	Date
February	National Pavement Expo, Memphis 	Feb. 15 – 18
March	World of Asphalt, Charlotte 	March 11 – 15
	Mid-America Trucking Show, Louisville 	March 21 – 24
April	National Association of County Engineers, Lexington 	April 1 – 5
May		
June	Americade, Lake Georgia NY (<i>world's largest motorcycle event</i>) 	June 4 – 9
July	MAASTO Annual meeting, Lexington 	July 17 - 20
August	Family Motor Coach Association (RV) Family Reunion, Indianapolis 	Aug. 27 – 30
September	CARavan, Classic Car Club of America, Oregon 	Sept. 7 – 16
October		
November		
December		

The APA ... hard at work

Asphalt.

AMERICA RIDES ON US

Asphaltroads.org



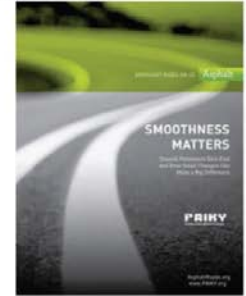
Asphalt Pavement Alliance Publications



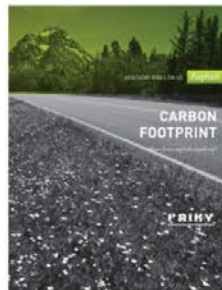
Perpetual Asphalt Pavements: A Synthesis
This comprehensive publication captures the activities that have taken place over the last decade. It synthesizes the information in a way that is useful to providing guidance for Perpetual Pavement design and construction.



Asphalt, America Rides On Us - Asphalt has always been and continues to be the pavement of choice for America. This brochure discusses the benefits of the product and why asphalt is right for America, right now and into the future.



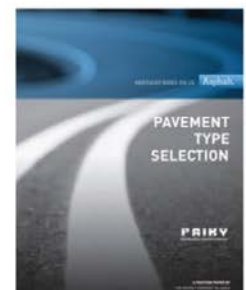
Smoothness Matters - Experts say that vehicles consume less fuel when traveling on smoother pavements. This makes sense intuitively. And, lower consumption of fuel conserves natural resources for a healthier environment.



Carbon Footprint - This paper examines greenhouse gas production of asphalt and concrete pavements. The analysis shows clearly that asphalt has a much lower carbon footprint than concrete. When it comes to pavement, asphalt is the more sustainable choice.



Jobs in Asphalt - This white paper highlights the varied jobs that are a part of asphalt road construction and the collective impact that the industry has on the rest of the economy.



Pavement Type Selection - In making any decision concerning the type of pavement to use on a roadway, a road agency is obligated to get the best value for the taxpayers.



LCCA Express - Software from the APA is making life easier for engineers who perform life-cycle cost analysis (LCCA) for pavements.



Asphalt in Livable Communities - This report acknowledges the momentum toward creating more livable communities and details the sustainable qualities that make asphalt a natural source for advancing the goals of livability.



High-Performance Intersections - This technical publication provides useful guidelines to the pavement designers who deal with the challenges of intersections and other high-stress pavements.

Funding Increase

2012 APA Budget – increases from
\$300,000 to \$1 million

Sharper Focus

- Increase Program
- Dedicated Leadership
 - Executive Board
 - Executive Director
 - Dedicated full time staff (3)

Expanded Programs

- Increase funding support for environmental program impacting market share
- Expand trade show presence
- Employ Field Resource Team Strategy
- Provide continuous stream of APA materials

2012 APA Executive Board

John Harper – NAPA

John Keating – NAPA

Kevin Kelly – NAPA

Tim Lee – NAPA

Jim Weeks - NAPA

Mike Acott - NAPA

Richard Schreck - SAPA

Steve Smithy – AI

Tim Spott – AI

Charles Boan – AI

Mike O’Leary – AI

Bill Kirk – AI

Pete Grass – AI

Brian Wood - SAPA

2012 Executive Board - AI

Steve Smithy – BP Asphalt ... **APA Board Chair**

Tim Spott – ALON USA

Charles Boan – Flint Hills Resources, LP

Mike O'Leary – MeadWestvaco

Bill Kirk – Associated Asphalt, Inc

Pete Grass – Asphalt Institute (ExOfficio)

APA Staff

- Mike Kvach - APA Executive Director
- Karen Faber - APA Administrator

Introducing ...

- Robin Klinefelter
Marketing/Communications
Director



First 100 days

- **Build-out Field Resource Teams**
- **Develop Comprehensive Strategic Plan**
- **Asphalt Pavement Conference**

New Bindertechnician.com

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Serving the needs of liquid asphalt manufacturers and suppliers worldwide since 1919.

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STORE

STATE BINDER SPEC DATABASE

Search



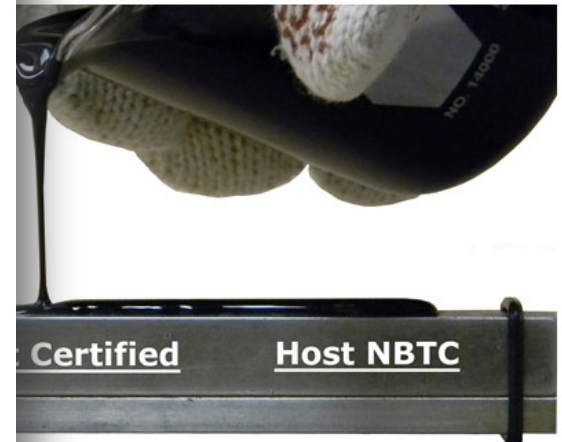
Research & Lab

Engineering

Education

Why Certify?

- Provide a concise standard interpretation of test methods
- Increase confidence in data for use in product development
- Decrease retesting by improving data quality
- Tighten the precision and bias statements in published standards
- Promote a consistent laboratory best-practice
- Help reduce penalties, deducts and disputes



- Better presentation of info
- Landing page from BinderTechnician News

[Tech Toolbox](#)

[Who's Certified](#)

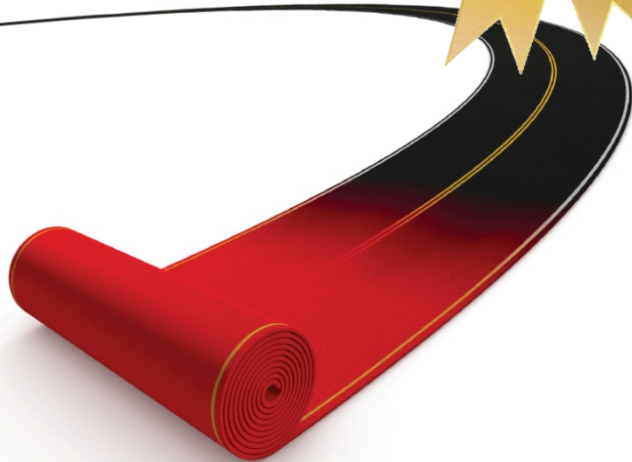
[Contact](#)



TRENDS 2011 All Media Contest Gold Winners

asphalt | institute

| 2011 |
Membership
Directory





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www.asphaltinstitute.org

Gold Award: 2011 Asphalt Institute Membership Directory

Judge's Comments: The gold winner employed extra durable, no fingerprint stock and rounded tabs to accommodate heavy usage. The design is eye-catching and clean while simultaneously incorporating a clever motif to convey the organization's emphasis on service to its members. Advertising was limited to internal programs and services, giving it a less cluttered look and feel and highlighting the organization's relevance within the industry.

www.associationtrends.com/gallery

so necessary. 

2012 catalog mailed

asphalt institute

- All of AI's services organized by topic
- 36-pages
- www.asphaltinstitute.org



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Books

Asphalt Institute publications are award winning and informative. The books and manuals in this catalog represent over 30 years of asphalt expertise. Generations of asphalt professionals have relied on our library of products as authoritative resources for asphalt education and practical application.

Training

Our seminars, certification program and webinars educate users and specifiers on proper practices for the design, construction, maintenance and rehabilitation of all types of asphalt pavements. Highly knowledgeable AI Regional Engineers, AI Research Engineers, lab technicians and leading industry experts teach the courses.

Laboratory Services

Our AASHTO and AMRL accredited, state-of-the-art laboratory is staffed with certified technicians and professional engineers. We offer timely solutions for all your binder testing, mixture and performance testing and research needs. Visit www.asphaltlab.com for more information.

www.asphaltinstitute.org

Construction

Principles of Quality Hot Mix Asphalt Pavement Construction

• 1 day course
• 7 PDHs

Constructing high quality asphalt pavements is the goal of our industry. You can learn to produce high-quality pavements by learning the basic principles of hot-mix asphalt pavement construction and the inspector's responsibilities at the various stages in the construction process. This self-developing a general understanding of hot-mix materials, production, placement and compaction operations. Extra attention will be given to mix placement and compaction.

Blount, MO - Feb. 13, 2012
Baton Rouge, LA - Feb. 15, 2012
Houston, TX - Feb. 17, 2012
Albany, NY - April 10, 2012
Hershey, PA - April 12, 2012
San Francisco, CA - April 23, 2012
Bend, OR - April 25, 2012
Spokane, WA - April 27, 2012
Billings, MT - April 30, 2012
Salt Lake City, UT - May 2, 2012
Albuquerque, NM - May 4, 2012
Cincinnati, OH - May 22, 2012
Burlington, VT - Oct. 26, 2012
Birmingham, AL - Oct. 26, 2012

8:00 a.m. - 5:00 p.m.
LUNCH PROVIDED

\$195 (Program includes a copy of MS-22 Construction of Hot Mix Asphalt Pavements)

Construction

MS-22 Construction of Hot Mix Asphalt Pavements

• Second Edition

Quality construction of asphalt pavements is a concern to all involved in the industry. This manual provides critical information on the basic principles and procedures for constructing quality asphalt pavements. This manual is a valuable guide and reference for those involved in asphalt pavement construction. MS-22 was originally prepared by the Asphalt Institute as a contracted publication for the U.S. Federal Highway Administration. The book describes the procedures necessary to properly construct quality asphalt pavement. Chapters have been added on construction project management, quality control and acceptance of hot-mix asphalt, and segregation of hot-mix asphalt. Other chapters discuss materials, mix design, plant operations, placing hot-mix asphalt and compaction. It is fully illustrated and contains several appendices. 274 pages.

ISBN: 9781934154164 Item Code: MS22
\$65

MS-4 The Asphalt Handbook

• Seventh Edition

Considered the definitive book on asphalt, it is a required reference for engineers, technicians, consultants, specifiers, users agencies and equipment and HMA plant operators involved with asphalt pavement construction. This is the Asphalt Institute's comprehensive manual on the use of asphalt. Since 1947 editions of MS-4 have served the asphalt industry as their primary reference manual. The edition of MS-4 shows the latest asphalt technologies. Topics covered include: Superpave asphalt binder, Superpave mix design, stone matrix asphalt, open graded friction courses, quality control & acceptance, pavement management and rehabilitation of concrete pavements with HMA. Fully illustrated. 622 pages.

ISBN: 9781934154274 Item Code: MS04A
\$159

www.asphaltinstitute.org

Available free for iPad with February 2012 edition ...



Member Companies



Affiliate & Commercial Members

