

PAVINGtheWAY

A PUBLICATION OF THE PLANTMIX ASPHALT INDUSTRY OF KENTUCKY AND THE KENTUCKY ASPHALT PAVEMENT ALLIANCE

Dear PAIKY Members and Industry Partners:

By Brian K. Wood,
Executive Director of PAIKY

Last year we saw a number of victories for asphalt and PAIKY in what was often heated competition.

We marked the end of a nine-year battle with Portland Cement Concrete (PCC) to determine which would be the medium of choice for the busy intersection connecting US 27, KY 80 and the Cumberland Parkway in Somerset. The Kentucky Transportation Cabinet challenged the paving industries to this competition. By 2007, asphalt was the clear victor. Asphalt proved to be more durable and less expensive than PCC, which puts asphalt miles ahead of the competition.

The asphalt industry also won a contract for completing improvements along I-64 to prepare for Louisville's 2008 Ryder Cup event. June 12 marked the beginning of a \$57.5 million investment to upgrade the interstate significantly. Only the asphalt contractor could commit to meeting project deadlines. This worthwhile project is expected to relieve traffic congestion and improve traffic flow for

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Intelligent Compaction



The new construction technology "intelligent compaction" is breaking into the scene in Kentucky. In October, Eaton Asphalt of northern Kentucky utilized equipment with "intelligent compaction" on I-75 in Grant County.

Intelligent compaction refers to a new technology introduced in North America in 2006 after being extremely successful in Europe for years. The "intelligent compaction" system measures asphalt stiffness, displays the measurements to the operator, records and maps the stiffness results using GPS coordinates and controls the machine compaction effort in response to the measurement system. The system contains a touch screen with a "red light" and "green light" to let the operator know when he or she has achieved density. A built-in printer on the roller will plot stiffness (a relative measure of density). The information is then used for the roller to make decisions about compactive effort.

We are excited about the spread of this new and innovative technology in Kentucky!

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Dear PAIKY Members and Industry Partners: *(continued)*

the benefit of the Louisville's business community, residents and tourists, all while providing safer driving conditions for motorists.

Last year's successes paved the way for PAIKY's continued success this year. New leadership, projects and events will propel the organization forward in this year.

The summer meeting is scheduled for June 13-14, 2008 at which time we will also celebrate the 70th anniversary of PAIKY. As always, be sure to visit our Web site at www.paiky.org for the latest information on PAIKY news and events.



Working late into the night, a crew replaces cracked and deteriorated concrete with asphalt at a Somerset intersection. Just nine years after installing both PCC and HMA at this busy Somerset intersection, the deteriorating PCC had to be replaced with the superior HMA.

Asphalt Quiz *From Beyond Roads Web site*

- What ancient civilization was the first to build roads with asphalt?
 - Aztecs
 - Greeks
 - Chinese
 - Babylonians
- Which of the following can NOT be used again in making asphalt pavement?
 - rubber from old tires
 - old asphalt pavement
 - yard waste
 - factory-reject roofing shingles
- Which of the following is NOT on the EPA's list of major sources of hazardous air pollutants?
 - ship building
 - asphalt plants
 - auto body and paint shops
 - pharmaceutical production
- You can find natural deposits of asphalt:
 - nowhere
 - in asphalt lakes
 - in glaciers
 - hundreds of miles deep in the earth
- Asphalt pavement was first introduced in America in the year:
 - 1870
 - 1906
 - 1952
 - 1775
- Asphalt pavement is the best buy for pavements because it is:
 - long-lasting
 - cost-effective
 - dependable
 - all of the above
- Recycling asphalt roads save American taxpayers how much money each year?
 - 10 million
 - 20 million
 - 50 million
 - 300 million
- How many people in the U.S. are employed by the asphalt industry?
 - 50,000
 - 330,000
 - 1 million
 - 2 million
- What percentage of the roads in America are paved with asphalt?
 - 94 percent
 - 50 percent
 - 20 percent
 - less than ten percent
- What is the most recycled product in America?
 - newspapers
 - asphalt
 - aluminum cans
 - glass
- Hot mix asphalt can be used for?
 - highways and roadways
 - cattle feed containers
 - fish hatcheries
 - all of the above

ANSWERS

1. d, 2. c, 3. b, 4. b, 5. a, 6. d, 7. d, 8. b, 9. a, 10. b, 11. d

Dozer Days



The Walker Company's first annual Dozer Days was an all-around great success! On Sept. 22, 2007, families flocked to the Clay Community Center for the opportunity to get up-close, ride and explore giant construction equipment. The event also featured face painting, games, music, a rock climbing wall and a giant inflatable slide for children of all ages to enjoy. Walker has since received countless words of thanks from community members who were present at Dozer Days. In fact, children are still raving about how much fun they had, and one little girl is reportedly still wearing the visor she got at the event. A big thank you to everyone who participated in Dozer Days, making it a spectacular event that people will remember for years to come.



PAIKY Wins Award for Outstanding Web Site

Let's hear a big round of applause for the PAIKY Web site, www.paiky.org. The National Asphalt Pavement Association (NAPA) announced that it was a winner in the State Asphalt Pavement Association division of NAPA's outstanding Web site competition. PAIKY received the award at NAPA's 53rd annual meeting in Phoenix, Arizona.

The outstanding Web site award recognizes design that promotes the use of hot-mix asphalt and the HMA industry. The PAIKY Web site is easy to use and offers a full-color illustration to demonstrate how paving works, as well as other technical resources.

The PAIKY Web site was redesigned in the summer of 2007 to

include these additional resources along with a calendar, links to this newsletter and a photo gallery of HMA projects. The Web site is designed for PAIKY members, architects and engineers, so check it out today!

www.paiky.org

Kentucky Construction Career Days



The third annual Kentucky Construction Career Day event was held on September 19-20, at the Shelby County Fairgrounds. PAIKY was honored to return to the event as one of 35 exhibitors from around the state. The event drew thousands of high school students together for company exhibits, demos and learning.

Kentucky Construction Career Day is a chance for high school students

interested in construction to experience different sectors of the industry through hands-on experiences and the opportunity to speak with experts in each field.

The event is sponsored by Kentucky Construction Career Choice Council (K4C). K4C is a not-for-profit organization comprised of six construction trade associations representing more than 2,000 industry businesses across Kentucky. The organization is committed to advancing Kentucky's construction industry by promoting the business as a "valuable, profitable career opportunity" and works to fund scholarships, career fairs and educational programs.

At last year's event, the hands-on experience at the PAIKY booth consisted of a laptop computer and projector set up to allow the students to play the Asphalt Institute Speed Paver computer program. Not only was this a big hit with the students, but it also gave them a chance to learn about PAIKY's products and the asphalt industry.



PLANTMIX ASPHALT INDUSTRY OF KENTUCKY

P.O. Box 286
119 W. Broadway, Depot Place
Frankfort, KY 40602

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U.S. POSTAGE
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LEXINGTON, KY
PERMIT NO. 01

Tel (502) 223-3415
Fax (502) 223-2370
e-mail: info@paiky.org
www.paiky.org

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