

GREATER IOWA ASPHALT CONFERENCE WEDNESDAY, MARCH 5, 2008

9:00 a.m. General Session

Renee White, DMACC Boone Campus, presiding

“Welcome” – Randy Starr, President of APAI

“Can You Afford the Risk?”- Dennis Warth, ARM, Director of Loss Control, Holmes, Murphy & Associates

Your safety is important to a lot of people, your employer, OSHA, the insurance company, etc., but how important is it to you? This thought provoking presentation discusses the impact accidents can have on each of us, and why we should care.

“Greening the Blacktop” – Howard Marks, Director of Regulatory Affairs, NAPA

With the growing focus on Environmental sustainability there exists an ever increasing flow of studies, Specifications and propaganda at one’s disposal. Finding the truth through it all can be a daunting task. Howard Marks, Director of Regulatory Affairs for the National Asphalt Pavement Association will present the facts about how Hot Mix Asphalt material is the sustainable pavement and clear the air on misleading propaganda on the competition would like you to believe.

“Managing the Margins of Greatness” – David Okerlund, Creative Communications Institute

Dave is prepared to speak using his own experiences as a garbage man to demonstrate how a positive attitude and outlook on life can take a person as far as they can dream, no matter where they start from.

12:00 p.m. Lunch/Special Speaker

“The State of the Industry” – Mike Kvach, Executive Vice President, APAI

The conference this year continues to center on the education of each of the persons involved in the selection, design, construction and operation of the asphalt pavements. The information is geared to be understood by all attending. Each track is aimed to provide something for specific persons such as the equipment operator, laborer, inspector, designer, manager, or owner. At the same time the materials should be of interest to all of the persons in the asphalt industry. Each person can select from one of the four tracks in each session or move between them to hear certain topics. Seating is limited and we ask that you identify your topics in priority order to help us select the room size to best meet the program needs.

1:15 p.m. Concurrent Educational Tracks

Track A – Pavement Rehabilitation – Dave Goodding, Starr Equipment, presiding

- **LTPP Asphalt Distress Identification** – Matching the Problem to the Solution – STBA
- **SUDAS Approach to Distress Measurements** - STBA

Track B – Understanding Asphalt Binders, Phil See, Norris Asphalt, presiding

- **“Binder Production, Refinery to Tanker”** – STBA.

Track C – Specification Updates – Bruce Jorgensen, Knife River Midwest LLC, presiding

“Iowa DOT Asphalt Technician Update” – *John Hinrichsen, Iowa DOT*. Every technician you have that is working in the plant or on the grade to insure that quality asphalt materials are being placed, should attend this meeting. John provides those present with the latest in printed materials and the knowledge of what is expected from those employing the Iowa DOT QA and QC procedures in 2008.

Track D – Paving 302, Quality Paving Operations – Paul Pate III, Pate Asphalt Systems, presiding

- **John Irvine III, VP of Sales & Marketing, Roadtec Inc.**

A staple for any conference focused on the design and production of quality long lasting HMA pavements. John Irvine will revisit the fundamental principles of the paving operations and optimizing the latest in paver and screed automations to maintain the greatest efficiency while obtaining the highest quality end product.

2:45 p.m. Refreshments in Exhibit Area

3:15 p.m. Concurrent Educational Tracks

Track A – Pavement Rehabilitation – Dave Goodding, Starr Equipment, presiding

- Case studies in Rehabilitation (Center on ACC/PCC or FDR projects – Panel STBA)

Track B – Understanding Asphalt Binders – Phil See, Norris Asphalt Paving Co., presiding

- Performance Comparisons of Binders – STBA
- Understanding what goes into the cost of binders? - STBA

Track C – Technology Advances – Bruce Jorgensen, Knife River Midwest LLC, presiding

“Performance Testing” – Xinjun Li, CCEE/ISU

The question most asked by engineers is how to measure the predicted performance at construction. Mr. Li is prepared to discuss some of the research work results in this area.

“Integration of Bioenergy Sector on the Asphalt Industry” – Dr. Chris Williams, CCEE/ISU

The ethanol boom in Iowa has also created some products that can benefit the asphalt industry. Chris will be explaining the correlation between the two industries.

Track D – Paving 302, Paul Pate III, Pate Asphalt Systems, presiding

“Roller Operations-The Right Equipment for the Right Application” -Larry Keach, Territorial Manager, Bomag Americas

As important as selecting the appropriate mixture for the given application, the roller operation is the key element in achieving the desired quality end product. The roller operator is challenged with achieving both density and mat smoothness, a task that is not for the weak at heart. Mr. Keach will focus on quality roller operations with an emphasis on applying the right equipment for the job and, take a glimpse at what technological advancements we may see in future roller equipment.

“Milling Operations, Best Practices” – John Irvine III, VP of Sales & Marketing, Roadtec Inc.

Mr. Irvine will present the fundamentals for a quality milling operation with an emphasis on the use of the latest in automation technology to achieve maximum performance and quality.

5:30 Reception in the Hotel Atrium

6:30 p.m. Banquet w/ Entertainment

“Magic Comedy” -Tom Burgoon will provide some unique tricks while getting all the audience into the act. He uses household items in ways you cannot believe.

**GREATER IOWA ASPHALT CONFERENCE
THURSDAY, MARCH 6, 2008**

8:00 a.m. Concurrent Educational Tracks

Track A – Local Pavement Issues and Solutions – Terry Brennan, RACOM, presiding

“Ask the Experts!” – Dan Gee, Bill Dunshee, Larry Mattusch & Gerald Petermeier

Sometimes there is just more than one way to “skin the cat”, right? You ever wonder if any other agency has experienced the same issue and if so, how did they handle the problem? Well, here’s your chance. We’ve surveyed the local agency arena to find out just what are some of the most common issues relative to Hot Mix Asphalt pavements. This session is designed to be interactive where the audience will have an open discussion on solutions to those issues and will include a panel of industry experts to participate by offering their advice on preferred solutions.

Track B – Quality Control Methods and Results – Randy Soedt, Illowa Investment Co., presiding

“Electromagnetic Gauge Research and Implementation” – Dr. Chris Williams, ISU/CCEE.

Chris has recently completed a field evaluation of two types of gauges and is moving forward with the implementation of the study results. See how this will assist and impact your work in 2008.

“QMA-2 Program Development” – Shane Tymkowicz, Iowa DOT District 3 Materials Engineer

Shane has been involved with the development of the QMA program from the beginning and has participated in the development of the “2” part of that work. He will be sharing that development with clients..

Track C – Recycled Asphalt Pavements (RAP) – Steve Harris, Cessford Construction Co., presiding

“City & County RAP Applications” – John Bellizzi, Retired

John will share his experience in the unique ways that you can use the RAP pile to the advantage of the client and RAP owner.

“ Understanding the New Iowa DOT RAP Specifications” – Roger Boulet, Iowa DOT, District 6 Materials Engineer

To make the best use of your RAP source, you need to understand the Iowa DOT specifications regarding use and Roger has that information to share with the clients.

Track D – Paving 302, Dave Ricken, Heartland Asphalt Inc., presiding

“Monitoring Plant Production, Common Production Mistakes” – T.J.Young, T2ASCO

This session reviews key Best Practices for mix production, and discusses common problems that we find in the field. Identification is the first step to correction, so learning what these common errors are allows us to be on our guard and make sure that these key points are always covered on our jobs.

10:00 a.m. Concurrent Educational Tracks

Track A – Local Pavement Issues and Solutions, Berry Brennan, RACOM, presiding

“Life Cycle Cost Analysis Applications to Local Roads and Streets!” – Interactive Panel Discussion with John Bellizzi, Larry Mattusch, and Jerry Petermeier

The use of Life Cycle Costing Analysis allows agencies to evaluate alternative pavement design cost alternatives. The accuracy of the information gleaned from this process is only as good as the information applied. Each of the panel experts will share their knowledge of the activities and values that they consider in a life cost analysis. Participants are encouraged to interact with the panel and the other attendees in this session

Track B –Quality Control - Randy Soedt, Illowa Investment Co., presiding

“QMA Interim Program Implementation”- Speaker to be Announced

“Independent Assurance Program(IAP) Results” - John Hinrichsen, Iowa DOT Office of Materials

John will be discussing the IDP and what it means to your operations in 2008.

Track C – Recycled Asphalt Pavement (RAP),- Steve Harris, Cessford Construction Co., presiding

“Optimizing the Use of RAP in Construction Projects”- Mark Blow, Asphalt Institute
RAP should be considered in each of the projects you design. Mark will be showing you how to optimize the use and amount of RAP in your next paving project.

“Managing What is in Your RAP source” – Doug Clement, CMT Inc.

Understanding what you have in the RAP source pile is important. Doug will demonstrate how one can test that pile and certify it for certain paving uses prior to any pavement design being considered.

Track D – Paving 302, Dave Ricken, Heartland Asphalt Inc., presiding

“RFO- Recycled Fuel Oil – Best Practices”– T.J. Young, T2ASCO, LLC

RFO or Reclaimed/Recycled Fuel Oil is a proven way of reducing mix production costs while helping the environment, but it is not without its problems. Come and review with us “Best Equipment Practices” and “Best Operating Practices” for applying RFO successfully at your plant facility.

“Maximizing RAP in Hot Mix Production” – T.J. Young, T2ASCO, LLC

This session covers Best Equipment Practices for maximizing RAP percentages at your plant facility. Learn the equipment options and recycling approaches for the type of plant you operate, and learn what your practical limits in RAP production will be without compromising mix quality.

12:00 p.m. Awards Lunch – APAI

Annual APAI Technician Awards Program recognizing agency and contractor field personnel who had direct responsibility for planning and paving operations for the 2007 award winning projects. Join us in congratulating the winners!

1:30 p.m. General Session

General Session - Renee White, DMAcc Boone Campus, presiding

“Transportation Funding” – Dan Franklin, Office of Policy & Legislative Services, Iowa DOT

Dan will be discussing the state of current funding and the future funding for transportation at the state and national level.

“Reducing cost in State and Local Highway Work” – Tracy Warner, City of Ames

See how local government is trying to get the most pavement for the least cost.

“New Construction Technologies” - STBA

3:00 p.m. Prize Drawings
(you must be present to win)
Adjournment