

Nordholm, Gail [DOT]

From: Nordholm, Gail [DOT]
Sent: Thursday, January 29, 2009 11:23 AM
To: Nordholm, Gail [DOT]
Subject: Greater Iowa Asphalt Conference

TO: County Engineers, City Representatives, and Consultants
Gail Nordholm Iowa DOT - Local Systems gail.nordholm@dot.iowa.gov

CC: District Local Systems Engineers, Service Bureau
and Office of Local Systems

FROM: Office of Local Systems

SUBJECT: Greater Iowa Asphalt Conference

DATE: January 29, 2009

The Greater Iowa Asphalt Conference is Iowa's single, most comprehensive Hot Mix Asphalt (HMA) program; it is intended for anyone having to do with the design, construction, and specifications of HMA pavements. You need to attend this conference to stay abreast of the changes in the Asphalt industry. If you missed the 2008 conference, do not make that mistake in 2009. This year's program promises to be even better!

The Conference's broad range of topics is designed to meet the needs of managers, designers, technicians, supervisors, operators, and inspectors. There is something for everyone! The Conference Planning Committee has worked hard to ensure that the best speakers from within our state and nationally are brought together to educate us on the latest information affecting Hot Mix Asphalt design and construction. In addition to the spectacular agenda of speakers and topics, the conference banquet promises to be a load of fun with great food and entertainment. The conference website is <http://www.ucs.iastate.edu/asphalt>
This is the link for the [brochure](#).

Please do not hit the reply option in your e-mail note.

Thanks,

Gail Nordholm
Office of Local Systems
515-239-1528
gail.nordholm@dot.iowa.gov

Note: Documents are in Adobe Acrobat's pdf format. If you do not have the Adobe Acrobat Reader software, you can download it free of charge at <http://www.adobe.com/products/acrobat/readstep.html>.

Mailings are available at the Local Systems Weekly Mailing web address http://www.iowadot.gov/local_systems/mailing/main_mailing.htm

GREATER IOWA ASPHALT CONFERENCE

MARCH 5-6, 2009

Sponsored by



IOWA STATE UNIVERSITY



Airport Holiday Inn | 6111 Fleur Drive | Des Moines, IA 50312

Conference Highlights:

- *Local development asphalt ideas*
- *QM-2 experiences*
- *Plant & grade specifications updates*
- *Employee training*

Conference Highlights:

- *Building future supervisors*
- *Awards luncheon, Thursday*
- *Avoiding worker accidents*
- *Equipment innovations*

December 1, 2008

Dear Conference Attendee:

In three short years the Greater Iowa Asphalt Conference has grown to be known as the place to go in Iowa to stay abreast of the changes in the Asphalt industry. If you missed the 2008 conference, do not make that mistake in 2009. You need to be in the place and time where over 500 attendees gather to share the success of the last year and learn how to make 2009 and even better year through continuing education. As Iowa's single, most comprehensive Hot Mix Asphalt (HMA) program, it is intended for anyone having to do with the design, construction and specifications of HMA pavements.

The Conference's broad range of topics is designed to meet the needs of managers, designers, technicians, supervisors, operators, and inspectors. There is something for everyone! The Conference Planning Committee has worked hard to ensure that the best speakers from within our state and nationally are brought together to educate us on the latest information affecting Hot Mix Asphalt design and construction. In addition to the spectacular agenda of speakers and topics, the conference banquet promises to be a load of fun with great food and entertainment. We'll also be recognizing the award winning HMA projects of 2008 during the awards luncheon

Take time and look through the enclosed **Greater Iowa Asphalt Conference** brochure. You'll not want to miss any portion of this conference. Registration has been made easy either by filling out the enclosed registration form or registering on line at www.apai.net, click on **Greater Iowa Asphalt Conference**.

I look forward to seeing you there!

Sincerely,

*Bill Rosener
Executive Vice President
Asphalt Paving Association of Iowa*

Conference Highlights:

- *Warm mix applications*
- *New binder material research*
- *Training the new work force*
- *Operating for performance*

Conference Highlights:

- *Pavement design & rehabilitation techniques*
- *PERROAD demonstrations*
- *Plant & grade specification updates*
- *CIPR applications*

CONFERENCE AT A GLANCE

THURSDAY, MARCH 5, 2009

8:00 a.m.	Registration – Airport Holiday Inn, Fleur Drive, Des Moines, Iowa Continental Breakfast in the Ballroom Foyer			
9:00	Morning Session – Phil See, Norris Asphalt Paving Co. Presiding “Welcome” – Randy Zeigler, President APAI, Tri State Paving, Inc.			
9:15	“Understanding the Uniqueness of Night Time Paving” – Brett Finnegan and Mark Harrison, LL Pelling Inc.			
10:00	Refreshment Break In the Hotel Atrium Exhibit Area			
10:30	Morning Session (cont’d) “Warm Mixes, the Contractor Experience” – Erv Dukatz, Mathy Construction Inc.			
11:00	“Key note speaker” – George Hedley, “Move Up to Effective Leadership!”			
12:00 p.m.	Lunch in The Ballroom (Banquet Room) Awards Presentation in the Banquet Hall Bill Rosener, APAI Executive VP and Mitch Dillavou, PE, Director of IDOT Engineering Bureau			
1:30	Afternoon Session – Concurrent Educational Tracks			
	Track A Pavement Design & Rehabilitation-Session 1	Track B Plant Operations-Session 1	Track C Specification Update	Track D Equipment Innovations
3:00	Refreshment Break in the Atrium			
3:15	Track A Pavement Design & Rehabilitation-Session 2	Track B Plant Operations Session 2	Track C Quality Control of Asphalt Construction	Track D Local Development Issues
4:45	Adjourn			
5:00	Reception in the Hotel Atrium Exhibit Area			
6:00	Banquet w/ Entertainment – <i>Uncrapify Your Life!</i> - Jeff Havens, Comedian			

FRIDAY, MARCH 6, 2009

6:30 a.m.	Conference Breakfast in the Hotel Atrium Area			
8:00 a.m.	Morning Session – Concurrent Educational Tracks			
	Track A Pavement Design & Rehabilitation	Track B Paving Operations 101	Track C Controlling Asphalt Construction Costs	Track D Pavement Reclamation
9:45	Refreshment Break in the Registration Area			
10:00	Track A Pavement Design & Rehabilitation Case Studies	Track B Paving Operations 102	Track C Employee Training	Track D Asphalt Construction Management
11:30 a.m. 12:00 noon	Break for Lunch “The State of the Asphalt Industry in Iowa”- Bill Rosener, APAI Executive VP			
1:30 p.m.	Afternoon General Session – Steve Harris, Cessford Construction Co., Presiding “Maximizing RAP Usage” - John D’Angelo, Federal Highway Administration			
2:15	“Research in Progress” – Dr. Chris Williams, Iowa State University/CCEE			
2:45 p.m.	Prize Drawings and Conference Adjournment			

GREATER IOWA ASPHALT CONFERENCE

THURSDAY, MARCH 5, 2009

9:15 a.m. General Session

Phil See, Norris Asphalt Paving Co., presiding

“Welcome” – Randy Ziegler, President of APAI

“Understanding the Uniqueness of Nighttime Paving”- Brett Finnegan & Mark Harrison, LL Pelling Construction Co. Inc.

Your safety is important at all times, but at night it is multiplied for the workers and the traveling public. Brett and Mark will show you how LL Pelling approached the problem to construct the asphalt overlay under traffic and at night while maintaining a safe working environment.

“Avoiding Worker Accidents” – Mark Bortle, Office of Construction, Iowa DOT

So you are sure you understand how to safely build a pavement or overlay? Guess again. Mark is prepared to share some areas where people like you and I thought we were safe, and found out that there are better ways to assure that fact.

“Contractor Experiences with Warm Mixes” – Erv Dukatz, Mathy Construction Inc.

Many of us have heard about warm mixes, but do we know how to handle them properly? Erv will share his experience in the dos and don'ts of warm mix design, material selection and handling and the proper construction to attain the desired performance.

“Building managers” George Hedley

This presentation is aimed at providing the construction person with the knowledge of what it takes to become a leader in their company and the industry.



EXPLANATION OF THE EDUCATIONAL TRACKS

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.

12:00 p.m. Lunch – Awards - APAI

Annual APAI Technician Awards Program recognizing agency and contractor field personnel who had direct responsibility for planning and paving operations for the 2008 award winning projects.

1:30 p.m. Concurrent Educational Tracks

Track A – Pavement Design & Rehabilitation – Larry Mattusch, APAI, presiding

“CIPR & Moisture Related Research Results” – Dr. David Lee, U of I

Gain a better understanding of how to properly place CIPR materials to get the best performance as has been captured in this research.

“Thin CIPR Case Study” – Jon Burgstrum, Scott County Engineer .

Learn from one who has placed CIPR asphalt in a thin layer, how it was done and see the results of the process that could aid you in a pavement rehabilitation solution.

“Recycling ACC Materials with Petromat” – Todd Kinney, Clinton County Engineer

Recycling pavements containing a petromat material has long been a concern. See how Clinton county Dealt with the situation and found a successful solution.

“Deep Hot In Place Recycling” – Brian Young, Dustrol, Inc.

See how hot in place recycling can now be used to greater depths of the existing surface to correct defects in the existing surface and provide longer life in the overlay.

Track B – Plant Operations, Lisa Rold, FHWA Iowa Division, presiding

“Fundamentals of Plant Operations” – T.J. Young, Consultant

This session is a must for all new plant operators and those with experience. T.J. can show you things that you thought you understood or questioned and provide you with new insight into HMA production plants.

Track C – Specification Updates

“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 2009.

Track D – Equipment Innovations – Dave Ricken, Heartland Asphalt Inc., presiding

“Intelligent Compaction” – *George Chang, The Transtec Group*

Obtaining proper compaction is essential to asphaltic concrete performance. George will explain the status of research into new equipment and methods to achieve that goal.

“Non Nuclear Gages” – *Dr. Chris Williams, CCEE/ISU*

See what is being learned about the use of nonnuclear gages as an alternative to the use limitations of nuclear gages for density results.

“Proper Use of Shuttle Buggies” – *Jim Kincart, Norris Asphalt Paving Co.*

Shuttle buggies have been used in various ways and with varying amounts of success in Iowa. See how Norris Asphalt has been one of those success stories and how this machine could aid your work in the future.

“Computer Grade Control” – Richard Zgol, Brannan Sand & Gravel

What does it take to meet strict FAA specs? On grade for runways? See how one method now uses computer control of the paver to meet this need.

3:00 p.m. Refreshments in Exhibit Area

3:15 p.m. Concurrent Educational Tracks

Track A – Pavement Design & Rehabilitation – Larry Mattusch, APAI, presiding

“PERROAD Version 3.2 Demonstration” – *Dave Newcomb, NAPA*

This is the opportunity to see the latest in Asphalt paving design software and learn how it can benefit you as the designer or contractor.

Track B – Plant Operations 102 – Dr. David Lee, U of I., presiding

“Improving Plant Efficiency” – *T.J. Young, Consultant*

Learn from T.J. how you can tune up your plant to make it operate more efficiently and how you can use

alternative fuels in the process. He will also address the use of RAP and shingles in the mix.

Track C – Quality Control of Asphalt Construction

– Dave Gooding, Star Equipment, presiding

“The New QM-2 Specifications, Development & Implementation” – *Mike Collins, Knife River Inc.*

Quality Management has moved to a second level and Mike Collins can show you how one company made that move smoothly to improve the quality of the finished asphaltic concrete.

“Shadow Project Experience with Projects in 2008”

Roger Boulet of the Iowa DOT and *Erv Dukatz* of Mathy Construction Inc.

This pair will be presenting the views of the owner and contractor as they worked through the first round of QM-2 projects in 2008.

Track D – Local Development Issues - John Joiner, City of Ames, presiding

Nathan Easter of HWS Consulting Group

Discuss the topics of drainage and base support, base material selection, traffic estimation, mix design and depth for urban development areas as they relate to asphalt concrete construction in this session.

4:45 p.m. Adjourn

5:00 Reception in the Hotel Atrium

6:00 p.m. Banquet w/ Entertainment

“Uncrapify Your Life” - Jeff Havens, Comedian

So you think that your year has been tough and the world has been leaning on you extra these days? Let Jeff get you to look at life from a bit different angle and see yourself having fun again. He knows how to make people laugh and he knows how to motivate people. Jeff's program is the perfect blend of humor and inspiration.



GREATER IOWA ASPHALT CONFERENCE FRIDAY, MARCH 6, 2009

8:00 a.m. Concurrent Educational Tracks

Track A – Pavement Design and Rehabilitation –

Steve Harris, Cessford Construction Co., presiding
“Thin Lift Overlays and SemMaterials” – *Brad Lehman, SemMaterials Inc.*

See how specialized materials can assist you in the design and construction of thin overlays to meet special needs of the client.

Track B – Paving Operations 101 –

Bruce Jorgensen, Knife River Midwest LLC, presiding
“Quality Paving” – *Bill Rieken, Terex Road Building*
Quality paving is only as good as the equipment and the people operating it. Learn more about how to properly operate the pavers and rollers to maximize the performance of the finished product.

Track C – Controlling Asphalt Construction Costs

– Mark Trueblood, Martin Marietta Aggregates, presiding

This is an opportunity to see how each entity can assist in controlling construction costs. **Mark Nahra** of Delaware County, **Doug Clement** of CMT Inc. and **Erv Dukatz** of Mathy Construction Inc will describe their views on how costs can be minimized to get the most product for the dollar invested.

Track D – Pavement Reclamation -

Jon Burgstrum, Scott County, presiding
Equipment is now available to allow the contractor to either recycle the full depth of the pavement and base layer or utilize it for just recycling of the base material to improve the performance of the finish pavement. **Dave Schnickel** of Manatts Inc. will show you how this equipment and techniques can provide a new set of rehabilitation concepts for existing roadways

9:45 a.m. Refreshment Break

10:00 a.m. Concurrent Educational Tracks

Track A – Pavement Design and Rehabilitation

Case Studies – Steve Harris, Cessford Construction Co., presiding

“2008 Overlay Planning and Construction Experience”

– *Corey Mellis, City of Ames*
The City of Ames utilized multiple techniques to rehabilitate city streets in Ames last year. See how those might help you solve existing problems.

“Chokstone Interlayer Overlay Preparation” – *Gary Bishop, Appanoose County*

Faced with special existing pavement materials and distress conditions and limited funds, Gary found a way to build an asphalt pavement within budget that is performing well.

Track B –Paving Operations 102 - Bruce Jorgensen, Knife River Midwest LLC, presiding

“Site Evaluation and Design From Soil Report to Construction”

–*Andre Gallet, Terracon Inc.*
This is your opportunity to learn how to properly make a site evaluation that will provide the design data to build a well performing pavement.

“Building Joints to Last” - to be determined

This presentation focuses on the current state of the art in pavement joint construction

Track C – Employee Training- Terry Brennan, RACOM Corp, presiding

“Asphalt Technician Training Needs for the Contractor and Highway Agencies”

– *Chris Anderson, Iowa DOT*

This is the time to determine the short and long term needs in special plant and grade technician training for the future and learn from Chris how to obtain that training

“ DMACC Training for the Asphalt Industry”

– *Renee White, DMACC, Boone Campus*

Looking for good new technicians or wanting to have an impact on what you want in that technician? This is the opportunity for owners to discuss needs with the people that are training the next technicians.

Track D – Asphalt Construction Management – Jon Burgstrum, Scott County, presiding

“Who and What to Inspect at the Plant and on the Grade?”

– *Doug Clement, CMT*
Knowing what to look for and where is the responsibility of the project inspectors, testing staff and the contractor representatives on the project. Get a first hand view of what one testing group sees as needs in this area.

“Local Specifications for Asphalt construction Under SUDAS”

– *Larry Stevens, CTRE/SUDAS*
Larry will be illustrating what specifications deal with the asphalt side of pavements for construction in cities and towns across Iowa.

“Common Sense Construction Communication Benefits”

– *DeWayne Heintz and Bill Rosener, LL Pelling Inc.*
Developing a good line of communications between the contractor and the project owner are essential to the rapid and orderly completion of the work. See how Bill and DeWayne approach this from the contractor perspective.

11:30 a.m. Break for Lunch

12:00 p.m. Lunch

“The State of the Asphalt Industry in Iowa” – Bill Rosener, Executive Vice President, APAI

1:30 p.m. General Session

General Session - Steve Harris, Cessford Construction Co., presiding

“Maximizing RAP Usage” – John D’Angle, FHWA

Recycled asphalt pavement has value to the owner and the contractor. John will be able to show you how innovative one can be in the use of this material for the development of rehabilitation or design of new pavements.

2:15 p.m. **“Research in Progress” – Dr. Chris Williams, ISU/CCEE**

Will illustrate the potential of current asphalt research projects and how you might benefit from them.

**2:45 p.m. Prize Drawings
(you must be present to win)
Adjournment**

Abbreviations Used

FHWA – Federal Highway Administration

NAPA – National Asphalt Pavement Association

NCAT – National Center for Asphalt Technology

AI - Asphalt Institute

PLANNING COMMITTEE

Michael J. Kvach, APAI

Mark Trueblood, Martin Marietta Aggregates

Terry Brennan, RACOM Corp.

Lisa Rold, FHWA

Jeff Schmitt, Iowa DOT

Renee White, DMACC

Mike Heitzman, NCAT

Steve Harris, Cessford Construction Company

Bob Nady, Construction Materials Testing

Randy Soedt, Illowa Investment Company

Phil See, Norris Asphalt Paving Company

Jon Burgstrum, Scott County

John Joiner, City of Ames

Larry Mattusch, Retired

Chris Williams, ISU/CCEE

Bruce Jorgensen, Knife River Midwest LLC

DeWayne Heintz, LL Pelling Company

Paul Pate III, Pate Asphalt Systems

Dave Rickens, Heartland Asphalt Inc.

Travis Tarr, Heartland Asphalt Inc.

Dave Goodding, Star Equipment, Co.

John Hinrichsen, Iowa DOT

Chris Brakke, Iowa DOT

Jim Cable, ISU/CCEE

For Further Information

For questions about program content, contact Jim Cable at (515) 292-4460 or jkable@iastate.edu.

PARTICULARS

The registration fee for the Greater Iowa Asphalt Conference is \$215 if your registration is received **on or before** February 25, 2009. Registration is \$250 after February 25 or on the day of the conference. Your registration fee includes all program materials, meals, and refreshment breaks. Register online at www.apai.net, or mail a copy of the completed registration **with payment** to the address shown on the back of this brochure. You may also register via fax at (515) 294-6223.

For registration questions, call ISU Continuing Education & Professional Development at (515) 294-6222.

CHANGE IN PLANS

If you cancel your registration **before** February 28, 2009, your full registration fee will be refunded. Refunds considered between February 28 and March 4, will exclude the cost of materials and food that has already been committed to the conference. No refunds will be made **on or after** March 4, 2009. If you cannot attend the conference, you may send a substitute. Call ISU Continuing Education & Professional Development at (515) 294-6222, if you have a change in plans.

EMERGENCY MESSAGES

During conference hours, messages may be left at (515) 287-2400. Messages will be posted near the conference registration area.

SPECIAL NEEDS

If you need accommodations for a disability or a dietary restriction, call ISU Continuing Education & Professional Development at (515) 294-6222 or email cepd-info@iastate.edu.

LODGING

Airport Holiday Inn, 6111 Fleur Drive, Des Moines, IA 50312, Tel: 1-515-287-2400, Fax: 1-515-287-4811, Email: info@holidaydsm.com, Check-In Time: 3:00 PM, Check-Out Time: 12:00 PM

A special block of sleeping rooms has been reserved for conference participants at the Airport Holiday Inn for the evening of March 4 and 5, 2009. Reservations should be made directly with the Airport Holiday Inn by calling 515-287-2400. Rooms are reserved at \$77 (single) and \$87 (double) plus tax. Callers should identify the conference by name when making such reservations to obtain these rates. Please make your reservation by February 14, 2009.

Heartland Inn Airport, 1901 Hackley Avenue, Des Moines, IA, Tel: 1-515-256-0603; or 1-800-334-3277x28. A block of rooms has been arranged at the same rate as that offered by the Holiday Inn. Be sure to mention the conference by name when making your reservations. Please make your reservation by February 14, 2009 at this hotel.

Registration Form

Greater Iowa Asphalt Conference

March 5-6, 2009

Airport Holiday Inn

Des Moines, Iowa

(Only one registration per form - Duplicate for additional registrations)

1 Registration Information:* Mr. Ms. Mrs. Dr.

First Name	Middle Name (Initial)	Last Name
Organization	Dept./Subunit	Job Title
Email		Day Phone
Mailing Address Line 1		Evening Phone
Mailing Address Line 2		Fax Number
City	State	Zip Code

2

Registration Fees:

- Registration Fee before Feb 25, 2009** **\$215**
- Registration Fee Day of Conference** **\$250**

Please indicate each of the concurrent educational sessions you plan to attend.

Thursday - 1:30 p.m.

- Track A – Pavement Design & Rehabilitation – Session 1
- Track B – Plant Operations – Session 1
- Track C – Asphalt Construction Specification Update
- Track D – Equipment Innovations

Thursday - 3:15 p.m.

- Track A – Pavement Design & Rehabilitation – Session 2
- Track B – Plant Operations – Session 2
- Track C – Quality Control of Asphalt Construction
- Track D – Local Development Issues

Friday - 8:00 a.m.

- Track A – Pavement Design & Rehabilitation
- Track B – Paving Operations 101
- Track C – Controlling Asphalt Construction Costs
- Track D – Pavement Reclamation

Friday - 10:00 a.m.

- Track A – Pavement Design & Rehabilitation Case Studies
- Track B – Paving Operations 102
- Track C – Employee Training
- Track D – Asphalt Construction Management

I have special dietary needs and/or need accommodations for a disability as follows:

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To better plan, let us know who you are!

- Aggregate Supplier
- APAI Associate Member
- APAI Supplier Member
- Airport
- Architect
- City
- Consultant
- Contractor
- County
- Iowa DOT
- State

5

Mail—

Continuing Education & Professional Development
Iowa State University
102 Scheman Building
Ames, IA 50011

Fax—

(515) 294-6223

4

Method of Payment

- Check (Payable to Iowa State University)**
- Purchase Order (Please indicate billing address below, if different from above)** PO Number _____

Send Invoice to: Name _____

Billing Address _____

Telephone / Fax _____ / _____

*** Iowa State University requests this information to preregister you in a conference. No one outside the university, with the exception of participants in this conference, is routinely provided this information. If you fail to provide the required information, we cannot promise accurate registration. (Reference: Iowa Code, Chapter 22.11; Iowa Fair Information Practices Act)**