2019 GREATER IOWA ASPHALT CONFERENCE & EQUIPMENT EXPO

TEAM ASPHALT

MARCH 6 - 8, 2019
AIRPORT HOLIDAY INN | DES MOINES, IOWA

SPONSORED BY:
APAI
IOWA DOT
Iowa LTAP
IOWA STATE UNIVERSITY
Institute for Transportation

The University of Iowa
College of Engineering
Welcome to the 2019 Greater Iowa Asphalt Conference!

Thank you for attending the premier asphalt conference in the Midwest. To those of you attending your first GIAC, Welcome! You are amongst friends. To those of you returning, Welcome back! We appreciate you taking time from your busy schedule to come and learn, share your knowledge, and enjoy the camaraderie that makes Iowa’s asphalt industry the best in the country.

The theme of the 2019 Greater Iowa Asphalt Conference is “Team Asphalt”. Iowa contractors are recognized as the Best in the Nation. The hard work performed by the men and women of our industry is unmatched. It is also due, to our working partnerships with our city, county, consulting and state engineers, designers and inspectors. We all have the same goal – Build Quality Asphalt Pavements! Enjoy the conference!

PLEASE HAVE A SAFE AND SUCCESSFUL 2019 CONSTRUCTION SEASON.

[Signature]
BILL ROSENER
EXECUTIVE VICE PRESIDENT
ASPHALT PAVING ASSOCIATION OF IOWA

CONFERENCE HIGHLIGHTS

- Keynote Speaker: Jason Redman, Navy SEAL, Author and Coach
- Maxed-Out Equipment Expo Hall
- Most Interesting Asphalt Projects in Iowa
- Iowa Speedway- Racing Against the Clock
- Project Partnering for Success
- Great Networking Opportunities
- How to Attract Workers and Keep Them!
- Fabulous Prizes!
- Asphalt Vegas!
- Iowa DOT Director, Mark Lowe
- Safety First, Last & Always
- Paving with Distinction
- Agency / Contractor Partnering
- Inspector: A Day in the Life
- Rehabilitation – Best Practices
- Leadership Series: Bridging Generational Gaps / Building the Team
- 2018 APAI Quality Construction Awards
- Plant Operations Jeopardy
- Innovation Connections
VISIT THE
GREATER IOWA ASPHALT CONFERENCE
EQUIPMENT SHOW
IN THE EXHIBIT HALL

Exhibitors:

Booth Number:
1 – Humboldt Mfg.
2 – C.J. Cooper
3 – InstrTek
4 – Logan Contractor Supply
5 – Ingevity
6 – Collaborative Aggregates
7 – Iowa Plains Signing, Inc.
8 – Riverland Expressions
9 – Stansteel
16 – Willow Design
17 – Purple Wave Auctions
18 – Quality Striping
19 – Missouri Petroleum Products
20 – Earthwave Technologies
21 – Emory Dry Ice
22 – Phoenix Industries
23 – Pine Test Equipment
24 – GreensBroom
25 – Coleman – Moore Company
26 – Brown’s Heavy Equipment
27 – Troxler Electronic Laboratories

Sponsored spaces:
A – Load King / Housby Mack & Isuzu
B – Road Machinery & Supplies Co.
C – Star Equipment
D – Ziegler/CAT
E – Astec Industries
F – Mid Country Machinery
G – Capital City Equipment Co.
I – Quick Supply Company
**GREATER IOWA ASPHALT CONFERENCE**

**WEDNESDAY, MARCH 6 – FRIDAY, MARCH 8, 2019**

**AIRPORT HOLIDAY INN, 6111 FLEUR DRIVE, DES MOINES, IA**

### WEDNESDAY, MARCH 6, 2019

7:30 a.m. - 4 p.m. **Registration** – Airport Holiday Inn, Fleur Drive, Des Moines, Iowa

Optional Pre-Conference Workshop: “Inspector: A Day in the Life”

8 a.m. – 12 p.m. **Morning Session:** Inspection 101

$150 per person – FREE for Greater Iowa Asphalt Conference registrants

Optional Pre-Conference Workshop: “Inspector: A Day in the Life”

1 - 4 p.m. **Afternoon Session:** Inspection 202

$150 per person – FREE for Greater Iowa Asphalt Conference registrants

1 - 4 p.m. Optional Pre-Conference Workshop: “Safety First, Last & Always”

$150 per person – FREE for Greater Iowa Asphalt Conference registrants

4 – 6:30 p.m. **Working Man’s Break**

Sponsored by the APAI

### THURSDAY, MARCH 7, 2019

7:00 a.m. **Registration and Continental Breakfast**

8:00 a.m. **Welcome and Opening Remarks** – Bill Rosener, Executive Vice President, APAI

8:15 a.m. **“Partners in Quality”** – Mark Lowe, Director, Iowa DOT

8:30 a.m. **“Project Partnering for Success”** – Will Sharp, Project Engineer, HDR

9:00 a.m. **“Human Trafficking”** – David Lorenzen, Iowa DOT Motor Vehicle Enforcement

9:45 a.m. **Break in the Exhibit Hall**

10:00 a.m. **“Racing Against the Clock”** - Tyler Clement, Newton Speedway

10:30 a.m. **“Lead Always and Overcome All”** – Jason Redman, Navy Seal, Author and Coach

11:30 a.m. **Break in Exhibition Hall**

12:00 p.m. **APAI Smoothness Awards Luncheon** (Banquet Room)

Scott Dockstader and Wes Musgrove, Iowa DOT, Presenting

1:30 p.m. **Afternoon Breakout Sessions I**

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3:00 p.m. **Refreshment Break in the Exhibit Hall**

3:30 p.m. **Afternoon Breakout Sessions II**

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6:30 – 9:00 p.m. **APHALT VEGAS** (Exhibit Hall)

### FRIDAY, MARCH 8, 2019

6:30 a.m. **Conference Breakfast**

8:00 a.m. Bio-Polymer Research - Dr. Chris Williams, ISU

Pavement Preservation - Dr. Ashley Buss, ISU

RAP/RAS Utilization in Asphalt Pavements – Dr. David Lee, U of Iowa

9:45 a.m. **Refreshment Break**

10:00 a.m. Iowa’s Most Interesting Asphalt Projects

11:30 Grand Prize Drawings (must be present to win)

11:45 **Adjourn**
WEDNESDAY, MARCH 6, 2019, 8-4 P.M. | HOLIDAY INN, AIRPORT, DES MOINES

MODERATOR: Renee White, Des Moines Area Community College

OBJECTIVES: The Asphalt Paving Association of Iowa (APAI), in cooperation with the Iowa DOT, is proud to offer a one-day, high-intensity class entitled Asphalt Inspector: A Day in the Life. The class will be held on March 6, 2019 at the Des Moines Airport Holiday Inn on the first day of the Greater Iowa Asphalt Conference. The class will be divided into two separate, but integral, sessions. Those attending both sessions will be provided with a box lunch during the break.

INTENDED AUDIENCE: The session is geared to all DOT, city, county, and consulting engineer inspectors/observers and APAI contractor personnel. The sessions may be attended through purchase of a full GIAC registration or as stand-alone sessions for $150 / each. DOT personnel are gratis.

SESSION 1: ASPHALT INSPECTION 101: (8 a.m. – 12:00 p.m.)
This session is designed for individuals who are looking for both a broad overview of asphalt inspection including: safety on the grade, quality paving practices, plant inspection and material-specific issues to watch for on asphalt paving projects.

Welcome and Introduction – Wes Musgrove, Iowa DOT
Principles of Inspection – Jeff Schmitt, Iowa DOT
Asphalt Inspection – Steve Smithson and Cedric Wilkinson, Iowa DOT and Ryan Weidemann, Webster County
Certified Plant Inspection – Terry Kluesner, Mathy Construction
Survey 1,2,3 – Shane Fetters, Iowa DOT

LUNCH BREAK (12:00 a.m. – 1:00 p.m.) Box Lunch Provided to All-Day Attendees

SESSION 2: ASPHALT INSPECTION 202: (1:00 p.m. – 4:00 p.m.)
This session will focus on taking the concepts learned in Session 1 through a real project with specific instruction on collecting and measuring quantities, utilizing the Daily Field Report (DFR) and DOC Express complete through project close-out.

Project Introduction – Dean Herbst, Iowa DOT & Mike Collins, Knife River Midwest
Daily Field Report (NEW) – Cedric Wilkinson, Iowa DOT; Denny Lohrer, River City Paving
Plant Report – Tim Hensley, Iowa DOT; Mike Collins, Knife River Midwest
Doc Express – Dean Herbst, Iowa DOT
2019 SAFETY FIRST, LAST AND ALWAYS

WEDNESDAY, MARCH 6, 2019, 1-4 P.M. | HOLIDAY INN, AIRPORT, DES MOINES

MODERATOR: Corey Thilges, Fort Dodge Asphalt

OBJECTIVES: This class will focus on collaborative methods for safety, including the newest innovative programs in the nation.

INTENDED AUDIENCE: This class is intended for safety directors, consulting professionals and employees focusing on creating a “culture of safety” in the workplace and on the jobsite.

REGISTRATION INFORMATION: Pre-registration required; register online here. Fee is waived for GIAC registrants; $150 for those only attending the Pre-Conference Workshops.

Speakers:

See Something, Say Something, Do Something - Dr. Joe McGuire, CRH Americas & Emily Haas, CDC/NIOSH/PMRD

Workplace Violence – Trooper Rod Larson, Dept. of Public Safety

Substance Abuse in the Workplace: What Employers Need to Know – Sheryl Phelps, C.J. Cooper & Associates

Best Practices on Silica Protocols – Candy Klingensmith, Knife River Midwest

4:00 – 6:30 P.M. WORKING MAN’S BREAK & EXHIBITION HALL OPENING

This break is a tribute to the working man. Surrounded by heavy equipment, food and friends; this is a great way to start the 2019 Greater Iowa Asphalt Conference!
Welcome Team Asphalt! – Bill Rosener, Executive Vice President, APAI

Partners in Quality – Mark Lowe, Director, Iowa DOT

Project Partnering for Success – Will Sharp, Project Engineer, HDR

Human Trafficking – David Lorenzen, Iowa DOT – Motor Vehicle Enforcement

8:00 a.m. General Session

Racing against the Clock – Tyler Clement, Operations Director, Iowa Speedway

Lead Always and Overcome All – Jason Redman, Navy Seal, Author & Coach

10:00 a.m. – General Session continues

The annual APAI Smoothness Awards Program recognizes the highest quality asphalt paving projects in Iowa and the agency and contractor field personnel who had direct responsibility for paving these projects.

12:00 p.m. APAI Smoothness Awards Luncheon

APAI Smoothness Awards Presentation

Wes Musgrove, Director Office of Construction and Materials, Iowa DOT and Scott Dockstader, District 1 - District Engineer, Iowa DOT

Photo by Joseph Podolsky, Iowa State University
1:30 p.m. Concurrent Educational Session I

**Track A – Plant Operations**

Moderator: Phil See, Norris Asphalt Paving


**Track B – Municipal Construction**

Moderator: Eric Cowles, Iowa DOT

*West Des Moines Resurfacing Program - Collaboration* -- Nick Fredrickson, ISG, Clint Carpenter, City of Des Moines & Brian Beaird, Des Moines Asphalt

*2018 Dubuque Paving Program*- Jon Dienst, City of Dubuque

*Partnering for Quality* – Matt Becker, City of Des Moines; Brian Beaird, Des Moines Asphalt; Tom Pike, Grimes Asphalt

**Track C – Innovation Connection – Part I**

Moderator: DeWayne Heintz

*Asphalt Milling Technology* – Wirtgen Group

*ACE XP Polymer Fiber – 3-D Aramid Reinforcement* - Quick Supply Co.

*Portable Calibration Tank* – Heatec, Inc.

*Benefits of Asphalt Underseal* – Missouri Petroleum Products

*Why Asphalt Contractors Are Producing Concrete* - Cemen Tech

**Track D – Leadership Series - Part I**

Moderator: Brenda Boell, Iowa DOT

*Bridging the Generation Gap*– Kit Welchlin, Instructor Minn. State Colleges

- The facts and fiction of each generation
- The unique strengths and weaknesses of each generation
- How to communicate effectively with each generation at work

3:00 p.m. Break, Visit Exhibitor Area

3:30 p.m. Concurrent Educational Session II

**Track A – Team Asphalt: Paving with Distinction**

Moderator: Steve Sorensen, Martin Marietta

*Paving Excellence* – Todd Mansell, CAT

*Compaction Perfection*– Tim Kowalski, Wirtgen

**Track B – Rehabilitation Best Practices**

Moderator: Ben Behnami, Iowa DOT

*HIPRO & Asphalt Interlayer* – Scott Schram, Iowa DOT Dist. 4

*FDR / CIPR / Subgrade Stabilization* – Dan Schellhammer, Midstate Reclamation, Inc.

**Track C – Innovation Connection – Part II**

Moderator: DeWayne Heintz

*Pelletized Rubber Modified Binders* – Phoenix Industries

*Silo Bot* – Astec, Inc.

*Longitudinal Joint Construction* – Willow Designs

*Scrub Seal Broom* – GreensBroom

*Delta Mist™ / Delta S® Asphalt Rejuvenators* – Collaborative Aggregates

*Future Technology-Today* – Roadtec

**Track D – Leadership Series - Part II**

Moderator: Brenda Boell, Iowa DOT

*Building Effective Work Relationships* – Kit Welchlin, Instructor Minnesota State Colleges and Universities

- The five laws of communication
- The methods to develop and maintain trust
- The techniques to effectively express feelings verbally and nonverbally

6:30 p.m. – 9:00 p.m. ASPHALT VEGAS Reception in the Exhibitor Hall with Prize Giveaways
6:30-7:45 a.m. Continental Breakfast

8:00 a.m. Asphalt Research - 2018

Moderator: Darwin Larson

Bio-Polymer Research – Dr. Chris Williams, Iowa State University

Pavement Preservation – Dr. Ashley Buss, Iowa State University

How to Best Utilize RAP/RAS in Asphalt Pavements – Dr. David Lee, University of Iowa

9:45 - 10:00 a.m. Refreshment Break

10:00 a.m. Closing General Session

Moderator: Royce Fichtner

MOST INTERESTING PROJECTS IN IOWA

Hilton Coliseum Parking Lot – Nate Hardisty, Shive Hattery and Speaker TBD, Manatt’s

Hamilton County - HIPRO – Nikki Stinn, Hamilton County and Speaker TBD, Mathy Construction

Middle Road, Interlayer – Brent Morlok, City of Bettendorf

I-29 and HIPRO - Scott Schram, Iowa DOT Dist. 4 and Speaker to be Announced, Knife River Midwest

Hwy 6 through Coralville – Barry Rhinehart, L.L. Pelling Co. and Speaker to be Announced, Iowa DOT

Grand Finale and Major Prizes Giveaway

11:45 a.m. Conference Adjourns

Thank you for attending!
ABBREVIATIONS USED
FHWA – Federal Highway Administration
ISU – Iowa State University
DOT – Department of Transportation
ICEA – Iowa County Engineers Association Service Bureau

PLANNING COMMITTEE
Bill Rosener, APAI
DeWayne Heintz, L.L Pelling Company
Ben Behnami, Iowa DOT
Brenda Boell, Iowa DOT
Chris Brakke, Iowa DOT
Jon Burgstrum, Scott County
Eric Cowles, Iowa DOT
Royce J. Fichtner, Retired
John Hinrichsen, Iowa DOT (retired)
Bruce Jorgensen, Knife River Midwest LLC
John Kida, Collaborative Aggregates
David Lee, University of Iowa
Larry Mattusch, Retired
Jeff Schmitt, Iowa DOT
Scott Schram, Iowa DOT
Phil See, Norris Asphalt Paving Company
Steve Sorenson, Martin Marietta
Danny Waid, ISCEAB
Chris Williams, ISU/CCEEE

FOR FURTHER INFORMATION ABOUT PROGRAM CONTENT
For questions about program content, contact Asphalt Paving Association of Iowa at (515) 233-0015.

PARTICULARS
The registration fee for the Greater Iowa Asphalt Conference is $275 if your registration is received on or before February 22, 2019. Registration is $295 on or after February 22 or on the day of the conference. Your registration fee includes all program materials, meals, and refreshment breaks. Register online at www.apai.net, an invoice will be sent to you when your registration is received.

For registration questions, call APAI at (515) 233-0015 or email apai@apai.net.

PROFESSIONAL DEVELOPMENT HOURS
This conference has been planned in accordance with the criteria established by the ISBELSE for professional development hours (PDH's).

SPECIAL NEEDS
If you need accommodations for a disability or a dietary restriction, call APAI at (515) 233-0015 or email apai@apai.net.

CHANGE IN PLANS
If you cancel your registration before February 22, 2019, your full registration fee will be refunded less a $20 cancellation fee. No refunds will be made on or after February 22, 2019. If you cannot attend the conference, you may send a substitute. Call APAI at (515) 233-0015 prior to the conference, if you have a change in plans.

LODGING
A special block of sleeping rooms has been reserved for conference participants at the Airport Holiday Inn for the evenings of March 6 – March 7, 2019. Reservations should be made directly with the Airport Holiday Inn by calling 515-287-2400. Rooms are reserved at $99 (single) and $99 (double) plus tax. Callers should identify the conference by name when making such reservations to obtain these rates. Please make your reservation by February 7, 2019.

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

The Asphalt Paving Association of Iowa does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, sex, marital status, disability, or status as a U.S. Vietnam Era Veteran.