



1948 - 2023



WAPA

64th Annual

CONFERENCE & BUSINESS MEETING

NOVEMBER 28 - 29, 2023 | WISCONSIN DELLS



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MONDAY, NOVEMBER 27

WAPA Board Members Only

- 5:00 – 6:00 WAPA Board of Directors Annual Business Meeting
- 6:00 – 7:00 WAPA Executive Committee Meeting (Double Cut Steak House)

TUESDAY, NOVEMBER 28

Registration in North Atrium from 7:30 a.m. to 5:00 p.m.
Exhibit Area is open from 8:00 a.m. to 6:00 p.m.

General Sessions

All sessions will be held in the Kilimanjaro Ballroom unless otherwise indicated

- 9:00 – 9:25 Welcome and Opening Comments
- 9:25 – 9:50 WisDOT Update, Craig Thompson, Wisconsin DOT Secretary
- 9:50 – 10:40 NAPA Update, Richard Willis, Vice President of Engineering, National Asphalt Pavement Association
- 10:40 – 11:00 Break sponsored by Cenovus Asphalt
- 11:00 – 12:00 Keynote Speaker, Aaron Witt, “Chief Dirt Nerd” and CEO of BuildWitt
- 12:00 – 1:00 Awards and Scholarship Luncheon sponsored by American State Equipment

Concurrent Breakout Sessions

	Aloeswood Room	Marula Room	Aralia Room	Tamboti Room
Session 1: 1:30 – 2:30	BTS Update	Asphalt Binder Modification	Environmental Product Declarations 2.0	Milling Basics
Session 2: 2:45 – 3:45	AASHTOWare Program Rollout	Ethics	HMA Comparisons of the Midwest	Milling Basics
Session 3: 4:00 – 5:00	BTS Update	Asphalt Binder Modification		AASHTOWare Program Rollout

- 5:00 – 6:00 Reception sponsored by Gallagher Asphalt Corporation
- 6:00 – 7:00 Dinner sponsored by American State Equipment
- 7:00 – close Hospitality Suite, Villa House, sponsored by Miller-Bradford & Risberg

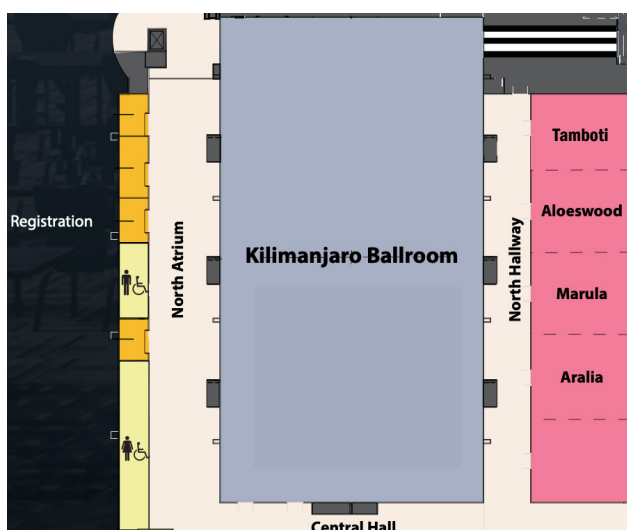
WEDNESDAY, NOVEMBER 29

Registration in North Atrium from 7:00 a.m. to 10:00 a.m.

Exhibit Area is open from 8:00 a.m. to 11 a.m.

General Sessions

- | | |
|---------------|---|
| 7:30 – 8:30 | Breakfast <i>sponsored by Benesch</i> |
| 8:30 – 8:40 | Opening Remarks, Carl Johnson, WAPA President and Stark Pavement Corporation Vice President |
| 8:40 – 9:15 | NRRRA Update, Ben Worel, MnROAD Operations Engineer and National Roads Research Executive Director |
| 9:15 – 9:45 | Asphalt Basics - 75 Years of Evolution, Mike Anderson, Asphalt Institute Director of Research and Laboratory Services |
| 9:45 – 10:00 | Break |
| 10:00 – 10:45 | WisDOT E-Ticketing Program, James Bender, WisDOT Innovation and Technology Manager, Erik Lyngdal, WisDOT Chief Materials and Pavements Engineer, and Brandon Lamers, WisDOT Bureau of Project Development Deputy Director |
| 10:45 – 11:30 | WisDOT Use of OnStation, James Bender, WisDOT Innovation and Technology Manager and Brandon Lamers, WisDOT Bureau of Project Development Deputy Director |
| 11:30 – 12:00 | Wrap-Up and Adjournment, Jacob Mrugacz, Incoming WAPA President and Rock Road Companies President |



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Break

Cenovus Energy

Lunch

American State Equipment

Reception

Gallagher Asphalt
Corporation

Dinner

American State Equipment

Hospitality Suite

Miller-Bradford & Risberg

Breakfast

Benesch

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Purple Wave Auction
Roland Machinery
Stansteel/Hotmix Parts
Topcon Solutions Store
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*Thank you to all of our sponsors and exhibitors!
This event would not be possible without your support.*

HOW DID WE DO?

Soon after the conference, WAPA will send out a brief online survey to all attendees. Please take a moment to share your thoughts.

What did you find valuable at the conference? What aspects could be improved?
Your input will help us make the WAPA conference even better next time. **Thanks!**



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SPEAKER BIOGRAPHIES

Craig Thompson

In January 2019, Wisconsin Governor Tony Evers appointed Craig Thompson to serve as secretary of the Wisconsin Department of Transportation (WisDOT). Previously Craig was the executive director of the Transportation Development Association (TDA) of Wisconsin. He has more than 25 years of experience working with Wisconsin businesses, communities, legislators and units of government. Prior to leading TDA, he served as the legislative director for the Wisconsin Counties Association, managing legislative initiatives at the state and federal levels.

Richard Willis

Richard serves as the National Asphalt Pavement Association's expert on mix design, recycled materials, life-cycle cost analysis, and pavement design. He serves as the staff liaison for NAPA's Committee for Asphalt Research and Technology; Council for Engineering, Research, and Sustainability; Workforce Development Committee; and Pavement Economics Committee Life-Cycle Cost Analysis Task Force. He is also a co-host of NAPA's "Pave It Black" podcast. Richard has a passion for teaching and regularly travels throughout the country to educate people on NAPA's initiatives and priorities.

Aaron Witt

Aaron Witt grew up like many of us, loving bulldozers from birth. When it came time to choose a career, he naturally opted for construction at 18 years old. He began as a laborer on a pipe crew and went on to work for five different heavy construction companies while earning an engineering degree at Arizona State. But his perfect plan

to become an earthmoving contractor took a turn when he began sharing his experiences as a young construction professional on social media. His storytelling took off shortly after graduation, and he quit his job to do it full-time. Aaron and BuildWitt focused on storytelling and marketing for the construction and mining industries in the first few years. Today, BuildWitt helps contractors attract, hire, train, and retain great people through many offerings—creative services, a jobs platform, a training platform, and even an industry-leading leadership conference.

Ben Worel

Ben Worel has been the MnROAD Operations Engineer for the Minnesota Department of Transportation for the last 27 years. His efforts focus on the day-to-day operations of MnROAD, developing and overseeing research projects and supporting partnerships with a number of different states, universities, and companies. He is currently the Executive Director of the National Road Research Alliance, which includes 13 government agencies and over 80 associate members.

Mike Anderson

Mike Anderson the Director of Research and Laboratory Services for the Asphalt Institute (AI) in Lexington, Kentucky. As a registered professional engineer in Kentucky, Mike started in the asphalt industry in 1987 with the Kentucky Transportation Cabinet, Division of Materials, as an asphalt mix design engineer. He continued his career as a laboratory manager and quality control engineer for a Kentucky HMA producer before joining AI in 1991. He is a member of

several professional organizations, notably the Association of Asphalt Paving Technologists, where he currently serves as executive director, and the International Society for Asphalt Pavements, where he is executive administrator.

James Bender

James is the Innovation and Technology Manager in the Division of Transportation System Development (DTSD), at WisDOT. He develops, directs and administers the Division's Innovation Program, which includes researching, analyzing and assessing financial impacts and benefits and providing implementation recommendations for DTSD and partners. James also develops, directs and administers the division's technology program.

Erik Lyngdal

Erik is the Chief Materials and Pavements Engineer for the WisDOT's Materials Management Section, and has worked for the department for seven years. At WisDOT, Erik has been actively involved with asphalt research, policy improvements, quality assurance activities, construction project support, and pavement design. Erik is a registered professional engineer with a B.S. and M.S. degree from the University of Wisconsin-Madison where he specialized in modified asphalt binder research.

Brandon Lamers

Brandon is the WisDOT Bureau of Project Development Deputy Director. He earned his Civil Engineering degree in 2001 from UW-Platteville and is a licensed professional engineer with over 22 years of experience working on transportation projects in Wisconsin.

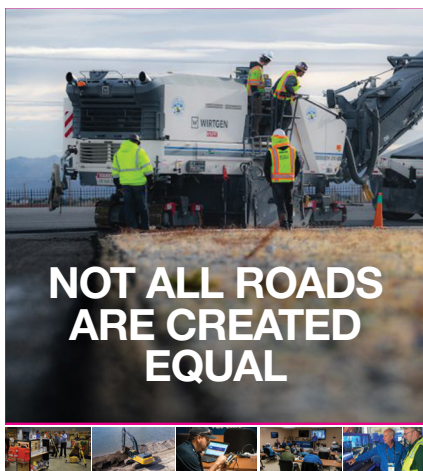




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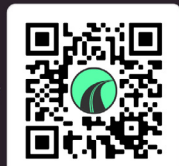
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ENVIRONMENTAL LEADERSHIP AWARDS

2023 Renewal Awards—Permanent Plants

Rock Road Companies (Janesville)
D.L. Gasser Construction Plant 65 (Baraboo)
Northeast Asphalt, Inc. Control 67 (Glenmore)
Payne + Dolan Control 5 (Fitchburg)

2023 Renewal Awards—Portable Plants

American Asphalt of Wisconsin Plant 54
American Asphalt of Wisconsin Plant 76

2023 New Awards—Portable Plants

American Asphalt of Wisconsin Plant 43
American Asphalt of Wisconsin Plant 82
Iverson Construction Plant 15
Monarch Paving Company Plant 27
Monarch Paving Company Plant 28
Rock Road Companies Portable Plant

Congratulations to all recipients!



Asphalt Binder Modification (1 PDH)

Mike Anderson, Asphalt Institute

Modified asphalts have been used in asphalt mixtures since before the PG Asphalt Binder Specification was introduced in the early 1990s, but their use has continued to grow as asphalt mixtures have been asked to perform under heavier traffic loads at a broader range of temperatures. This presentation explores the background of modified asphalt binders, offering an understanding into how their physical properties can be characterized and related to performance in an asphalt mixture.

AASHTOWare Project Rollout (1 PDH)

Erik Lyngdal, WisDOT, and Judie Ryan, Behnke Materials Engineering

WisDOT's new materials data management program, "AASHTOWare Project Construction and Materials," is ready to be piloted on WisDOT construction projects. This breakout session will cover the status of implementation and provide a first look at

how WisDOT has configured the program. If you enter data into or have a vested interest in WisDOT's materials tracking system, this session will prepare you for the future of construction materials testing data entry and analysis.

BTS Update (1 PDH)

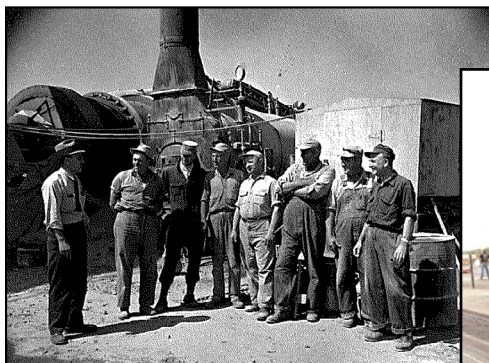
Ali Arabzadeh and Dan Kopacz, WisDOT

An update will be provided on WisDOT's current Percent Within Limits (PWL) program and how it will be expanded to include lower tonnages, stone matrix asphalt (SMA), and asphalt binder content. In addition to the PWL program update, information will be shared on WisDOT's progress on in-house and external balanced mix design (BMD) research.

HMA Comparisons of the Midwest (1 PDH)

Richard Willis, National Asphalt Pavement Association

Every state has control of its own practices and specifications but there are things that agencies and contractors can learn from





what is happening across state lines. NAPA recently conducted a survey of the SAPAs in the Northcentral region to better understand similarities and differences in practices related to topics like balanced mix design, perpetual pavement design and more. This presentation will share the results of the survey and where there could be opportunities for more alignment.

Environmental Product Declarations 2.0 (1 PDH)

Richard Willis, National Asphalt Pavement Association

Last year, Richard provided an understanding of EPD basics. This year, we are going to dive a little deeper. Numerous states and federal agencies are starting to require EPDs during procurement. This presentation will explore how EPD benchmarks are being used, why local data is critical for the asphalt industry, and how to use the optimizer tool to evaluate company operations.

Milling Basics (1 PDH)

Tom Chastain, Wirtgen Group

Milling has been complicated over the years. In reality, it's the little things we do—or DON'T do—that affect our milled surface and rap material. This session will discuss the basic principles of the milling process so that you can ensure a successful final product.

Ethics (1 PDH)

Jeff Russell, University of Wisconsin-Madison

Back by popular demand, this session will focus on the fundamental canons of professional conduct and other appropriate administrative rules and regulations. The discussion is designed to demonstrate a working knowledge of professional ethics and satisfy the requirement for “professional conduct and ethics.”







WAPA

WISCONSIN ASPHALT PAVEMENT ASSOCIATION

This certification serves as documentation of registration, attendance, and participation at the following Wisconsin Asphalt Pavement Association event:

**WAPA 64th Annual Conference & Business Meeting
November 28 - November 29, 2023 at Kalahari Resort**

Attendee Name: _____

Session Name	Presenter(s)	PDH	Attended
General Session — Day 1	Thompson, Willis, Witt	2.0	_____
Breakout Sessions:		3.0 max	
Asphalt Binder Modification	Anderson		_____
BTS Update	Arabzadeh, Kopacz		_____
Milling Basics	Chastain		_____
AASHTOWare Rollout	Lyngdal, Ryan		_____
Environmental Product Declarations 2.0	Willis		_____
HMA Comparisons of the Midwest	Willis		_____
Ethics	Russell		_____
General Session — Day 2	Worel, Anderson, Bender, Lyngdal, Lamers	2.5	_____
		Total PDH	_____

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CONTACT WAPA

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We greatly appreciate your membership and support of the Wisconsin Asphalt Pavement Association.