

WISCONSIN
**CONCRETE
PAVEMENT**
ASSOCIATION

Moving forward with concrete results

The Wisconsin Concrete

Pavement Association's

2009

Annual Concrete Pavement Workshop

February 11 - 12, 2009

Radisson Paper Valley Hotel

Appleton, Wisconsin



Annual Concrete Pavement Workshop:

Wednesday & Thursday, February 11 & 12, 2009

Wednesday, February 11, 2009

10:00 am Welcome

- Kevin McMullen – WCPA
- Micheal Zignego – Zignego Company (2008 Chairman of the WCPA Board)

10:10 am Welcome from the City of Appleton

Our traditional welcome from the Mayor of Appleton. We always appreciate the insights the Mayor has for us on the value of concrete streets and the work being done in Appleton.

- Mayor Timothy Hanna – City of Appleton (invited)

10:25 am Transportation in Wisconsin

2009 is going to be a very critical year for Wisconsin. We are developing a new state budget, the federal highway bill is due for reauthorization and the news is full of talk about an economic stimulus package. Secretary Busalacchi will be giving us insights on what this means for state highway and local roadway funding.

- Frank Busalacchi – Wisconsin Department of Transportation Secretary (invited)

10:55 am Accomplishing What We Need To Do in Wisconsin

WTBA is the lead organization in working to assure everyone understands the transportation needs of Wisconsin and assuring we have the funding to meet those needs. Pat Goss is going to tell us all about their efforts and how we can get involved.

- Pat Goss – Wisconsin Transportation Builders Association

11:35 am Concrete Pavements: Economical and Sustainable

The news and every business are constantly bombarding us with the importance of environmentally sustainable products and practices. When it comes to highways and streets pavements what are the important issues to consider? How do they affect your project and your city?

- Leif Wathne – American Concrete Pavement Assn.

12:15 – 1:30 pm LUNCH

Luncheon Speaker: Doug Nielson "Taking Life by the Helm In These Challenging Economic Times"

1:45 – 3:15 pm CONCURRENT TECHNICAL SESSIONS

CONSTRUCTION TRACK

Quality Control Principles

Why is measuring quality important and what are the important things to measure for concrete pavements. The principles discussed will move us forward to a higher quality future.

- Gary Crawford – Federal Highway Administration

WCPA Municipal Concrete Paving Specification

Several cities across the state have asked us to help them develop specifications. We have taken the best from the Wisconsin DOT specifications and the cities and developed what we hope could be a standard for all municipalities in Wisconsin.

- Heath Schopf – WCPA

ALTERNATE PAVING TRACK

Roller Compacted Concrete

What is this paving product? How is it designed and built? With the high asphalt prices this product is being proposed for use in Wisconsin. Here is your chance to hear from one of the nation's experts on RCC.

- Wayne Adaska – Portland Cement Association

Full Depth Reclamation

Wondering what to do with the old roadway with several layers of old road mixes and chip seals? It can be an excellent base for a new concrete pavement.

- Jim Rosenmerkel and Chip Coulter – Lafarge NA

3:30 – 5:00 pm CONCURRENT TECHNICAL SESSIONS

TECHNOLOGY TRACK –

THE COMPUTER TOOLS TO HELP US DO OUR WORK

There are so many software tools available to help us do our work. This session is dedicated to showing you the best software for your use in design and construction of concrete pavements. Best part, most of these computer programs are free!!

Pavement Design

ACPA's StreetPave Software

- Leif Wathne – ACPA

MEPDG Software

- Laura Fenley – WisDOT

DOWELCAD –

- Mauricio Ruiz – Transtec Group

NRMCA Concrete Pavement Analyst

- Patrick Bauer – WRMCA

Concrete Mix Design

COMPASS

- Mauricio Ruiz – Transtec Group

Construction

HIPERPAV 3 – a new version

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COMMAND Center – Maturity Software

ProVAL – IRI Ride Analysis Software

- Mauricio Ruiz – Transtec Group

PAVEMENT DESIGN TRACK

Wisconsin DOT Update

The Wisconsin Department of Transportation along with their partners in the industry continue to evolve and improve their specifications and standard details. This session is dedicated to hearing about the latest changes. The highlights include:

- Concrete Pavement Repair Details – Deb Bischoff
- Concrete Barrier – Erik Emerson
- Implementation of MEPDG – Laura Fenley
- Quality Management Specifications – Wayne Chase
- Colored Concrete Specifications – James Parry

Jointing of Concrete Pavements

WCPA staff gets more requests for technical assistance on the topic of joint layout through intersections and roundabouts than any other topic. We will focus on layout of joints and the steel requirements in intersections and roundabouts.

- Kevin McMullen - WCPA

5:00 pm **Social Hour with the Exhibitors**

6:00 pm Dinner: **Wisconsin Tail Gate!**

8:00 pm **WCPA Hospitality Suite**

Thursday, February 12, 2009

8:00 am

Effects of Deicing Chemicals on Concrete Pavements

It is not just sodium chloride any more. There are many different types of deicing salts and chemicals being used by WisDOT and the cities of Wisconsin. What are these chemicals and how do they impact concrete?

- Larry Sutter – Michigan Tech University

8:45 am **Prevention of Scaling – Recommendations of the Industry**

Following the winter of 2007-2008 we saw record amounts of scaled sidewalks and driveways. The industry has some recommendations on how to assure your specifications and construction practices minimize scaling in the future.

- Kevin McMullen - WCPA

9:00 am **Aggregate Quality: Key to Success**

The University of Wisconsin has a long run of research projects dedicated to improving the durability of concrete in Wisconsin. Professor Cramer is going to discuss the role of quality aggregate in assuring strength and durability.

- Steven Cramer – University of Wisconsin-Madison

9:45 am **Cement Technologies: Finding the Right Combination**

Cement, flyash, slag, silica fume? How do we put all of these cementitious products together and assure that we achieve our goals of strength and durability?

- Andrea Breen – Lafarge North America

10:15 am **Concrete Overlay Applications and Designs**

The National Concrete Pavement Technology Center in 2008 published an excellent resource on the design and construction of concrete. The principal author will present the new approach to concrete overlays.

- Dale Harrington – National CP Tech Center

11:00 am **What Makes Award Winning Concrete Projects Happen**

Three concrete projects in the state received recognition in 2008. Let's take a look at these projects and get some observations on why they are award winners.

ACPA 2008 Gold Award Paving Project: Lombardi Avenue, Brown County

- Mike Malcolm – OMNNI Associates
- Brian Lamers – Brown County
- Rich Lamers – Vinton Construction

ACPA 2008 Gold Award Paving Project: Wittman Regional Airport, Oshkosh, WI

- Peter Moll – Wittman Regional Airport
- Aaron Stewart – OMNNI Associates
- Mike Lalonde – Lalonde Contractors

WisDOT 2008 Concrete Pavement Project Award Winner

- To be announced by WisDOT on January 21, 2009

12:00 pm **ADJOURN**

Please register by February 6, 2009. For more information and Registration materials, go to our website - www.wisconcrete.org



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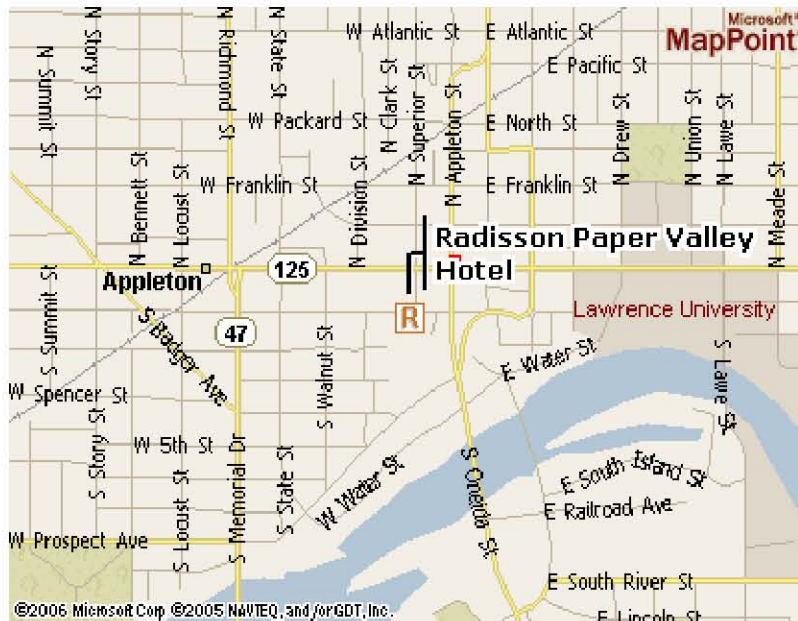
Room Reservations:

A limited number of rooms have been reserved at the reduced rate of \$95.00 + tax and are available on a first-come, first-served basis. Please contact the Radisson Paper Valley Hotel to reserve your room by January 13, 2009 and make sure you ask to be included in the WCPA Workshop Room Block.



Radisson Paper Valley Hotel

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