

# 2009 Michigan Concrete Repair Seminar

## What, Why, When & How to Maintain Concrete

This seminar includes about 6 hours of instruction by national experts that address the technical aspects of concrete repair techniques—what they are, why you would use them, the benefits and drawbacks of each type, when and when not to apply, and how to ensure that you get what you pay for.

## When & Where

**Wednesday, January 28, 2009**

Johnson's Center

Cleary University—Livingston Campus

3750 Cleary Drive

Howell, MI

## Important Note

Limited seats and scholarships are available. A group of industry experts coordinated their schedules to make this seminar happen in Michigan.

Please adjust your schedule to ensure your full participation throughout the seminar.

## Costs

The seminar registration fee is \$100 for public agencies and \$130 for private agencies. The fee includes all instructional materials, lunch, and break service. Seating is limited, so register early by calling the Michigan LTAP at 906-487-2102.

## Scholarships

The Transportation Asset Management Council has provided partial scholarships of \$60 each for Michigan public transportation agency participation. The scholarship amount will be taken off the registration cost. These scholarships are limited to 3 per agency. Scholarships will be distributed to Michigan public transportation agency participants on a first-come, first-served basis.

## Cancellation Policy

Due to commitments to the facility and our instructors, registration fees will not be refunded for cancellations received after January 22, 2009. Cancellations received by January 22, 2009 will be refunded in full. Substitutions will be accepted, but please notify us in advance so we can properly prepare for each participant.

## Agenda

**8:00 Registration**

**8:30 Welcome**

*Terry McNinch—Michigan Local Technical Assistance Program*

**8:35 Scoping & Decision Matrix**

*Piotr Lewak—City of Grand Rapids*

**9:30 Partial Depth Repair**

*Andy Bennett—Michigan Department of Transportation*

**10:10 Break**

**10:30 Full Depth Repair, Utility Cuts, & Whitetopping Repair**

*John Belcher & Andy Bennett—MI Department of Transportation*

**11:55 Lunch**

**12:50 Diamond Grinding**

*John Roberts—International Grooving & Grinding Association*

**1:20 Thin Unbonded Concrete Overlays**

*Kevin Maillard—Orchard, Hiltz, & McCliment, Inc.*

**2:10 Break**

**2:30 Joint & Crack Sealing**

*John Roberts—International Grooving & Grinding Association*

**3:00 Asphalt Overlays - Crack & Seal, vs. SAMI vs. Rubblizing vs. Removal: How to Choose?**

*H. Wayne Jones—Asphalt Institute*

**4:00 Adjourn**

## The Experts

**Piotr Lewak, P.E.**, is a Senior Project Engineer with the City of Grand Rapids, involved mainly in street and road reconstruction projects. He graduated with a master's degree in civil engineering from the Technical University of Warsaw, Poland, and has been a licensed professional engineer since 1992. Mr. Lewak has 20 years experience in municipal transportation as a field inspector, a traffic engineer, and a project engineer. For the last 7 years, he has been responsible for the City of Grand Rapids' Concrete Pavement Repair Program. Mr. Lewak is a member of the Institute of Transportation Engineers.

**Andy Bennett** is the Capitol Preventive Maintenance Scoping Specialist for Michigan's Department of Transportation (MDOT) Construction and Technology. Mr. Bennett has worked as an Engineering Technician with MDOT Construction & Technology for the past 20 years, during which time he worked with the Materials Group, specializing in concrete pavement rehabilitation techniques and materials. Mr. Bennett has written and reviewed Special Provisions related to joint & crack sealing, partial and full depth concrete repair, dowel bar retrofit, and pavement undersealing. He is currently on the Concrete Overlays Committee through the National Concrete Pavement Technology Center and is involved as a technical advisor in several pavement performance and sustainability research projects with Michigan's universities.

**John Roberts** is the Executive Director of the International Grooving and Grinding Association (IGGA). Prior to joining the IGGA, Mr. Roberts was employed by Ebasco Services Inc., where he worked on projects ranging from radioactive cleanups to reconstruction of the Manhattan Bridge. Mr. Roberts was the owner of a concrete contracting company located in New York where he specialized in the construction of bridges, pavements and structures. He graduated from Rensselaer Polytechnic Institute, Magna Cum Laude, with a B.S. in Civil Engineering.

**Kevin Maillard, P.E.**, is a graduate of Wayne State University with a degree in Civil Engineering, and is a Professional Engineer in the State of Michigan. He is presently employed by Orchard, Hiltz & McCliment, Inc. where he is the Road Group Manager overseeing numerous Municipal, County, and MDOT projects. Mr. Maillard has 32 years of experience that include 27 years with the Wayne County Department of Public Services where he held positions of Assistant Division Permit Engineer, Division Testing Engineer and Director of Engineering/County Highway Engineer.

**John Belcher, P.E.**, is the Concrete Engineer for Michigan's Department of Transportation (MDOT). During his nearly eight years with MDOT, Mr. Belcher has served as the Maintenance Engineer for the Jackson Transportation Service Center (TSC), as a Design Engineer for the Brighton TSC, and as the Pavement Rehabilitation Engineer for MDOT.

**H. Wayne Jones, P.E.**, is presently the Asphalt Institute's Senior Regional Engineer for the states of Illinois, Indiana, Michigan, and Ohio. Mr. Jones has thirty-five years of experience in the design and construction of transportation projects nationwide. In his role with the Asphalt Institute, Mr. Jones plans, organizes, and conducts asphalt training seminars and serves on several regional technical committees. Nationally, he is also active in the Transportation Research Board and serves as the Institute's lead instructor for its NHI Course on Asphalt Pavement Recycling Technologies. Mr. Jones earned his BS and MS degrees in Civil Engineering from the University of Illinois at Urbana-Champaign, IL.

# Seminar Overview

## Plan Now

Participants will spend a **full day** learning about **concrete pavement repair** techniques. A group of concrete paving specialists will share their expertise with you. They'll cover the **What, Why, When, and How of concrete pavement repair**. Opportunities to learn from a group like this do not happen very often. Plan now to attend.

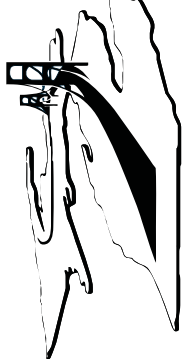


## Experts from

- Michigan Department of Transportation
- Orchard, Hiltz, & McCliment, Inc.
- The International Grooving & Grinding Association
- City of Grand Rapids
- The Asphalt Institute

## Topics Include:

- Scoping & Decision Matrix
- Partial Depth Repair
- Utility Cuts
- Full Depth Repair
- Diamond Grinding
- Thin Unbonded Concrete Overlays
- Joint & Crack Sealing
- Asphalt Overlays



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