

# Maximizing the Performance of Concrete Pavement Joints

## Workshop

Thursday, March 7, 2013

9:00 AM - 3:30 PM

Plymouth, Michigan



## Overview

In the last several years, a problem has arisen involving deterioration of concrete pavement joints in cold weather states where deicing chemicals are routinely used. In this one-day workshop, instructors will provide a thorough description of the problem, and will present construction, maintenance, and rehabilitation techniques that help minimize deterioration of joints.

The workshop is sponsored by the Ready Mix Concrete Research & Education Foundation, (NRMCA), the Portland Cement Association (PCA) and a Transportation Pool Fund Study TPF 5 (224). It is being presented by the National Concrete Pavement Technology Center (CP Tech Center) in cooperation with the Michigan Concrete Association and Michigan's Local Technical Assistance Program (LTAP).

## Why attend?

If you are concerned about premature concrete pavement joint deterioration, this workshop is for you. Instructors will address joint deterioration that may already be evident on concrete pavements, how to prevent it from occurring on future projects, and **recommendations for mitigation practices to slow, stop, or repair the progress of joint deterioration.**

## Location

The Inn at St. John's  
44045 Five Mile Road  
Plymouth, MI 48170

[www.stjohnsgolfconference.com](http://www.stjohnsgolfconference.com)  
(734) 414-0600

## Cost and Registration

The cost to attend this workshop is \$65.00 per person. To register, call the Center for Technology & Training (CTT) at (906) 487-2102, or send an email to [ctt@mtu.edu](mailto:ctt@mtu.edu).

Participation is on a first-come, first-served basis. If you register and must cancel, please call the CTT by March 4 so the next person on the waiting list can register. If you cancel before March 4 you will receive a full refund. Substitutions will be accepted.

## Instructors

The presentation team for this workshop includes the following instructors:

- Gary Fick, Trinity Const. Mgmt. Services, Inc.
- Dr. Larry Sutter, Michigan Tech Trans. Institute

## Agenda

- 9:00 Workshop Check-in
- 9:30 Mechanisms of Joint Deterioration
- 11:00 Break
- 11:15 Drainage Problems and Solutions
- 12:15 Lunch
- 1:00 Mixture and Construction Practices  
Guide Specifications
- 1:45 Quality Assurance and Testing
- 2:30 Partial and Full-depth Repairs; Thin  
Overlays and Reestablishing Load  
Transfer
- 3:30 Adjourn

## Sponsors

