

# Forensic Investigations for Structural and Civil Work

## PDH Credit Opportunity for Engineers!

### Program Description

Forensics engineering is usually defined the investigation of materials, products, structures or components that fail or do not operate or function as intended. The goal of such a program is to positively identify the sequence of events leading to ultimate failure. This is important as there are many cases of engineering success derived from engineering failures. However, forensic engineering can also be defined as analyzing situations before an issue arises, and therefore preventing a problem. This program will give a brief overview of the process for evaluating, root cause analysis, and corrective actions for construction issues and failures.



\*This class qualifies for 1.5 professional development hours (PDH) for civil engineers.

### Learning Objectives:

- Look at how accident investigations proceeded and the ramifications of their results
- Analysis of in place but not in service components
- Key Players – Who are they and what are their roles?
- Legal Aspects
- Forensic Case Studies
- Lessons learned from engineering failure



### Class Details & Registration Information:

**Instructor:** Thomas Dobrowski, Purdue

**Date:** Friday, February 24, 2017

**Time:** 11:00 a.m. - 12:30 p.m.

**Cost:** \$10 (Lunch Included - Served at 12:30 p.m.)

**Location:** Construction Advancement Foundation  
6050 Southport Road, Suite A  
Portage, IN 46368

**Register Online at:**

[www.cafnwin.org/training.php](http://www.cafnwin.org/training.php) or Call  
the CAF at 219-764-2883

**Registration Deadline:**  
February 22nd, 2017