

# **Michigan's Construction Quality Partnership (CQP)**



# The Players



# **Construction Quality Partnership**

## **Anticipated Benefits:**

- **Enhance product quality**
- **Enhance value through joint training and skill development**
- **Ensure skilled personnel across industry**
- **Improve industry wide relationships**
- **Shared risk approach**
- **Increase public trust in the industry**

# State of the Industry in 2004

“Currently, Michigan’s roads rank as the 3<sup>rd</sup> worst in the nation.”

*-- 2004 TRIP Report*

The “status quo” is not acceptable....

“If better is possible, good is not enough.”

-- Kirk T. Steudle 2004

MDOT Director

# Paradigm Shift for Industry

*Move focus from:*  
*Method*  
*Specifications &*  
*End-product*  
*inspection*



*To:*  
*Continual Quality*  
*Process Control*  
*At All Stages*

- *Specifications*
- *Design*
- *Bidding*
- *Construction*

# Mi - CQP Milestones



- **Initiated 2004**
- **2006 Signed Charter**
- **2007 NPHQ Accreditation**
- **2010 NPHQ Gold Award**
- **2013 Training Program Roll out**



# Partnership Focus

- **Specification enhancements**
- **Improving Design Processes**
- **Improved Warranties**
- **Operations Committees**
- **Training Program**



# Partnership Accomplishments

- **Specification enhancements**
- **Design related improvements**
- **Improved Warranties**
- **Operations Committees**





# Emphasis on Training

- **Insure Knowledge transfer**
- **Maintain Skills & abilities**
- **Learn new technologies**
- **Know new policies and specifications**



# Mi-CQP Training Program

- **Joint training**

- **Comprehensive Curriculum**

- **Certification Program**

- **Program Tracking Mechanism**



# **Curriculum Development**

- **Five Task Forces**
- **Acknowledge existing training**
- **ID long term training goals (Gaps)**
- **Targeted Three employee tiers**

# **Three levels of training**

- **Hands-On level – Field level**
- **Technical level - Mid Management**
- **Strategic level - Executives and Upper Management for Owner Agencies and Companies**

# **Training Resources**

- **Existing Technical Certification Training**
- **Existing MDOT Training Courses**
- **NHI / AASHTO / FHWA / TC3 Courses**
- **Existing Industry Training Courses**
- **CQP - Joint Developed Training Courses**

# Database Development

- Creation of Web Portal
- Develop Database Processes



Michigan Construction Quality Partnership Web Portal



## Michigan Construction Quality Partnership Web Portal

[Home](#)

[Directions](#)

[Login/Register](#)

[Search Courses](#)

[Support](#)

### Existing Users

Login:

Password:

[Forgot your password?](#)

### New Users

### Michigan Construction Quality Partnership Web Portal

Michigan's highway network is an essential element of Michigan's transportation infrastructure and its quality is critical to Michigan's economic growth and ability to compete in the global marketplace. The **Construction Quality Partnership (CQP)** is a comprehensive initiative designed to deliver continuous improvement of Michigan's transportation system in the 21st century.

The CQP Web Portal is the single point of record for all training, certification, and education activity of the Michigan CQP Initiative.

The key to the success of the CQP Initiative is to ensure that everyone working on Michigan transportation projects is properly trained and equipped to deliver projects with the highest level of quality.



Copyright ©2011,2010 RedVector.com, Inc. All Rights Reserved  
[Privacy Policy](#) [Terms of Use](#)

# **Training Program Roll-Out**

- Curriculum finalized** **December 2012**
- Live Database -** **Jan 11, 2013**
- You Tube Video release,  
List serve announcement** **Jan 14, 2013**
- Industry Conference and  
initiate registrations** **Jan 16, 2013**

# **Web Site Benefits**

- **Curriculum access including schedules and provider contacts**
- **Some on-line courses**
- **Single repository for training histories**
- **On - line Viewing of Certifications**



# **The Future**

- **Continued Commitment to joint training**
- **Expand Curriculum**
- **Certifications for employees . . . Firms**
- **Ultimate link to Pre-Qualification**

# **Construction Quality Partnership**

## **Realized Benefits:**

- **Enhance product quality**
- **Enhance value through joint training and skill development**
- **Ensure skilled personnel across industry**
- **Improve industry wide relationships**
- **Shared risk approach**
- **Increase public trust in the industry**

# Michigan Is on It's Way !

**Increased Quality for :**

- **Construction Products**
- **Construction Processes**
- **Industry Relationships**



**Michigan's  
Construction Quality  
Partnership  
(CQP)**

QUESTIONS ?