



NPCE

Precast ... The Concrete Solution

Highways for LIFE PCPS Showcase
October 15, 2008
presented by Greg Stutz

National Precast Concrete Association

(NPCA)

- International trade association founded 1965 (over 1100 members)
 - Producers (800+)
 - Associates
 - Professionals
- Promotes the use of precast and prestressed products
 - Technical Support
 - Education (classroom and on-line)
 - Quality
 - Value (service) to our members

NPCA Answers the Industry's Call

NPCA Establishes The PCPS Product Committee (6/08)

Members:

Peter J. Smith, PE (Chairman) – Fort Miller Co. Inc.

Philip Burkhart (Board Liaison), Utility Concrete Products LLC

Mike Brinkman, NYDOT

Steve Gillen, IL State Toll Authority

Tom Heraty, Utility Concrete Products LLC

Timothy LaCoss, FHWA NY Division

Stephanie Loud, Mountain West Precast

Gene Martin, Terre Hill Concrete Products Inc.

Thomas Montalbine, Roman Stone Construction Co.

Martin Rohn, Durisol

Robert Sauber, NJDOT

Shiraz Tayabji, Fugro Consultants, Inc.

Mark Voiselle, Jensen Precast

NPCA Staff



Note: BOLD denotes a producer member

NPCA Answers the Industry's Call

PCPS Committee Progress:

- Agreed in principle to support AASHTO-TIG Guidelines (pending final AASHTO-TIG action)
 - Promote quality of installation
 - Performance based specification
- Developing a PCPS web site for producer and specifier information
 - Case studies of completed and in-progress projects (US and Canada)
 - Fabrication and installation videos
- Creating a “Best Practices for Precast Concrete Pavement” Manual
- Continued collaboration with AASHTO-TIG



Benefits to Producers

- Sets standard of quality for all manufacturers
- Learn new ways to improve processes, efficiency, and products
- Industry self regulation starts here
- Recognition of quality conscious producers
- Marketing opportunities and support
- Levels the playing field for all producers wishing to supply products to the DOTs or other specifying agencies (product neutral)

Benefits to Agency Owners

- Industry-Wide Body of Producers to Interface With
- Partners in Developing Standards of Quality
- Resource for Producer Capabilities
- Repository for Information on Fabrication and Installation Practices
- Support for Technical and Informational Forums
- Forum for Resolving Specification and Production Issues in the Interests of Reducing Costs and Improving Quality

NPCA Plant Certification Program

- Comprehensive third party certification program
 - Inspections are unannounced
 - Performed by two ENR Top 500 Design Firms
 - 10% ad hoc re-inspection per year
 - Agency can request a re-inspection at anytime
- Appropriately geared toward plant workers
 - English and Spanish
- **Process** focused
- Assures consistent quality throughout entire operation
- At cost to our members
- 370+ plants to date

NPCA Plant Certification Program

Precast

- Introduced in 1987
- 30 State DOTs approve ...and growing
- Accepted, proven and credible in eyes of regulating agencies and municipalities
- Cost effective: \$3450.00/yr

Prestressed

- Introduced in Feb '08 to support our members
- 8 State DOTs approve (7 more pending)
- Third party verified as equivalent or exceeding other industry programs
- Minimum 32 hours of inspection per plant
- Cost effective: \$12,000.00/yr (includes precast)



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Thank You!

Questions?

- For additional information please contact:

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NPCA

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