

10th Annual Concrete Conference

Initiatives in Concrete

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Current Initiatives

- **Alternate Bidding**
 - FHWA Initial Implementation Approval
 - Industry and Department Approved
 - Initial Implementation on Major Projects
- **Warranty**
 - Within the Next Two Weeks Resubmit Specification and Special Provision Based on Comments Received from Industry, FHWA & Districts
 - Meet with Industry to Discuss Revised Specification as Requested in ACPA Letter Dated January 23, 2009
 - Implementation Goal this Construction Season



Improvement Initiatives

- **Benchmark-Best Practices**
 - **National Concrete Consortium (NCC)**
 - ❖ Twenty States - Membership
 - ❖ Technology Transfer and Joint Research
 - **National Concrete Technology Center (NCTC)**
 - ❖ Located at Iowa State University
 - Coordinates the NCC Responsibilities
 - Provides Concrete Technical Support
 - ✓ 515-294-5798 www.cptechcenter.org
 - Provided Technical Assistance on Two Projects



Improvement Initiatives

- **Benchmark-Best Practices**
 - Michigan DOT Concrete Bus Tour
 - ❖ District 12-0 & BOCM Attended
 - Concrete Overlays of Major Traffic Routes
 - White Topping at High Truck Traffic Volume Intersections



Research Initiatives

- Smart Pavement – Final Report
 - Mechanistic Design Data
 - District 12-0 Project, SR 22 Sec. B01
- Thin & Ultra-Thin Pooled Fund Study
 - Sponsored by National Concrete Consortium
 - PennDOT Study Member



Technology Initiative

- FHWA Concrete Pavement Division
 - Demonstration Project
 - ❖ Existing Pavement Overlays
 - ❖ Six States Participating – Including PennDOT
 - ❖ District 12-0 Project Host
 - NCPTC Training and Field View
 - February 24-25, 2009



Operational Initiatives

- Concrete Pavement Quality Improvement (CPQI)
 - Vanport Limestone Report-Final Report
 - ❖ PSU Research Project, Skid Resistance
 - White Topping
 - ❖ Implement Best Practice
 - High Traffic Volume –Moderate Speed
 - Provide Design & Construction Assistance
 - Maturity Meter, New Specification
 - ❖ Requesting District Pilot Projects



Working Together
We Can Assure
Longevity of Concrete Pavements

