

INTERNATIONAL CONFERENCE ON OPTIMIZING PAVING CONCRETE MIXTURES AND ACCELERATED CONCRETE PAVEMENT CONSTRUCTION AND REHABILITATION

November 7 to 9, 2007 – Atlanta, Georgia

The Case Study Forums

At the conference, three forums will present successful, practice-driven case studies. Come and share the experiences with your colleagues from highway agencies, contractors and industry—how they planned these challenging projects, how they managed traffic and public support, and best of all, how they engineered and constructed the projects.

FORUM 1: Accelerated Construction—Nighttime and Weekend Closures

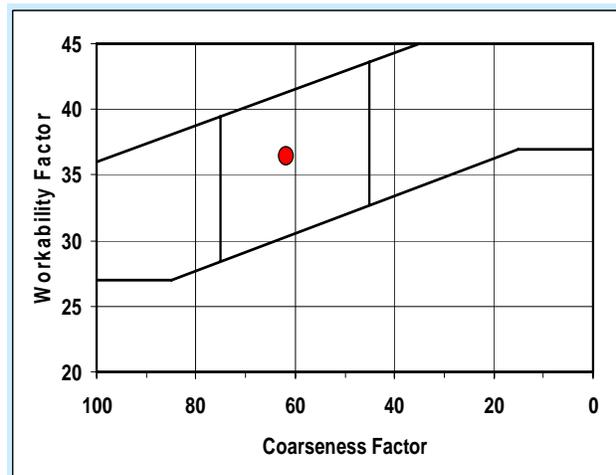
This forum will present successful case studies from Georgia and Washington State. Over the last several years many concrete pavement rehabilitation and reconstruction projects have been constructed at night and over weekends. These projects carry very high volumes of traffic. The case studies, to be presented by highway agency and contractor staff, include projects around Atlanta and Seattle.



FORUM 2: Paving Concrete Optimization—DOT Directions and Contractor Experiences

This forum will present the state of practice related to optimizing concrete paving mixtures, using locally available materials to achieve workability, durability, strength, and economy. For long-life concrete pavements, pavement distresses, if any, should be a result of structural damage and not concrete material failure. Paving concrete is durable if it is workable, properly consolidated, and proportioned to produce a dense matrix. In addition, the concrete must not exhibit any materials-related distress or early-age failures.

- Experts from the highway agencies will discuss adoption of concrete pavement optimization protocols.



THINK INSIDE—NOT OUTSIDE—THE BOX!

- Experts from contractors/industry will discuss how they met the challenges and successfully used optimized concrete mixtures on their concrete pavement construction projects.
- Experts will also discuss contractor process control techniques and agency end-product requirements.

FORUM 3: Accelerated Construction—Full Closures

This forum will highlight the advantages of full closures for successful concrete pavement rehabilitation and reconstruction. Michigan DOT is reconstructing and rehabilitating 14 miles of M-10/Lodge Freeway in the Detroit metro area. Project work started in February 2007 and will be completed by November 2007. The paving is expected to be completed in under 4 months. Senior Michigan DOT and contractor/industry staff will discuss the planning challenges, the decision-making process, managing traffic and winning public support, unique features of the project, design details, and construction issues.



**ACCELERATED LONG-LIFE CONCRETE PAVEMENT REHABILITATION
AND RECONSTRUCTION
THEY DID IT—YOU CAN DO IT—FIND OUT HOW**

Register Here!