FHWA ISSUES
FHWA Issues

• Status of the Trust Fund
• Reauthorization
• FHWA initiatives
  – National DBE Program Action Plan
  – Every Day Counts (EDC)
Status of the Trust Fund

Highway Account Balance

- FY 2006
- FY 2007
- FY 2008
- FY 2009
- FY 2010

Ending balance for FY 2008 includes $8.017 billion transferred from the General Fund in September 2008 pursuant to Public Law 110-318.

Ending balance for FY 2009 includes $7 billion transferred from the General Fund in August pursuant to Public Law 111-46.
What Happened in 2008???
Status of the Trust Fund

• September 2008 – PL 110-318
  – *Transferred $8.017 billion to HTF Highway Account*

• August 2009 – PL111-46
  – *Transferred $7 billion to HTF Highway Account*

• March 2010 – *HIRE Act*
  – Transfers $14.7 billion to HTF Highway Account.
  – Extends authority to make expenditures from the HTF through December 31, 2010.
Status of the Trust Fund

Highway Account Balance

Ending balance for FY 2008 includes $8.017 billion transferred from the General Fund in September 2008 pursuant to Public Law 110-318.

Ending balance for FY 2009 includes $7 billion transferred from the General Fund in August pursuant to Public Law 111-46.
Reauthorization

• “there’s little consensus on how to pay for everything.”

• But there are things being discussed.....
Reauthorization

• **Things being discussed.....**
  – The need for better partnerships between government and local citizens to set transportation priorities.
  – More flexibility in how to meet those priorities.
  – And the need to go from a formula-based approach to one that focuses on outcomes.
Five Key Principals in Reauthorization Framework put forward by DOT Secretary LaHood:

– Improving safety and reducing injuries and fatalities;
– Keeping our communities economically competitive and accessible to all citizens;
– Maintaining the reliability, capacity and efficiency of our entire transportation network;
– Creating livable communities where people have more than one choice on how to get from place to place;
– And reducing our reliance on oil and cutting greenhouse gas emissions.
Reauthorization

• “Don’t look for an early conclusion.”
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What is the DBE Program?

• The U.S. DOT Disadvantaged Business Enterprise (DBE) program provides a vehicle for increasing the participation by minority and women owned firms in Federal-aid contracting.

• A DBE is a for-profit small business that is at least 51 percent owned, controlled and operated by socially and economically disadvantaged persons.

— DBE Certification Standards (49 CFR §26):
National DBE Action Plan

- The objectives of the DBE Program are:
  - To ensure that minority and women owned firms can compete fairly for Federal-aid transportation-related projects.
  - To ensure that only eligible firms participate as DBEs.
  - To assist DBE firms in competing outside the DBE Program.
National DBE Program Action Plan

- Renewed emphasis on program goals
- Education and Outreach Efforts to Increase participation
- Solicit and hear the issues/barriers to using under utilized firms and a greater minority DBE mix.
- Four Major-Project DBE Workforce Development Workshops Planned
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Every Day Counts Mission

• To identify and deploy readily available innovation and operational changes that will make a difference, incorporating a strong sense of urgency.

• To identify policy or operational changes required to advance system innovation in the longer term.
Core Elements

*Every Day Counts* has three core elements

- Shortening Project Delivery
- Accelerating Technology and Innovation Deployment
- Going Greener
Shortening Project Delivery

- Accelerating Project Delivery Methods
  - Design-build
  - Innovative Contracting Practices
- **Shortening Project Delivery Toolkit**
  - Planning & Environmental Linkages
  - Legal Sufficiency Enhancements
  - Expanding Use of Programmatic Agreements
  - Expanding Use of In–Lieu Fee and Mitigation Banking
  - Flexibilities in ROW
  - Flexibilities in Utility Relocation
Technology & Innovation

• Adaptive Signal Control
• Geosynthetic Reinforced Soil Integrated Bridge System
• Prefabricated Bridge Elements & Systems
• Safety Edge
• Warm-Mix Asphalt
Warm Mix Asphalt

Allows a reduction in asphalt mixture production & placement temperatures

Benefits:
- Provides better compaction
- Reduce worker fatigue
- Reduces fossil fuel consumption
- Reduces CO$_2$e & other emissions
- Longer paving season
- Allows for longer hauling distances
- Benefits with High RAP
Technology & Innovation

Prefabricated Bridge Elements & Systems

Prefabricated bridge elements and systems manufactured on-site or off-site, under controlled conditions, and brought to the job location ready to install

Benefits:

• Minimizes traffic & community impact
• Improves construction zone safety
• Improves bridge designs constructability
• Increases quality & lowers life-cycle costs
**Geosynthetic Reinforced Soil**

Fast, cost-effective bridge support method using alternating layers of compacted fill and sheets of geotextile reinforcement to provide bridge support.

Lots of Benefits:
- Eliminates approach slab or construction joint at the bridge-to-road interface
- Reduced construction time (complete in 10 days)
- 25 - 60 % less cost depending on standard of construction
- Less dependent on weather conditions
- Flexible design – easily modified for unforeseen site conditions
- Easier to maintain because of fewer parts
- Built with common equipment and materials
Sloped pavement edge at a 30° angle which allows drivers a more controlled re-entry back onto the roadway after tire drop-off

Benefits:
- Reduces crashes due to edge drop-off and uncontrolled recovery.
- Minimal cost (less than 1% on 2-lane highway).
- Consolidated edge reduces edge raveling, increases durability.
THE SAFETY EDGE
Technology & Innovation

Adaptive Traffic Control Technology

ACS measures traffic flow and adjusts signal timing to promote smooth flow of traffic along arterial streets

Benefits:

- ACS improves travel time, reliability, reduces congestion, smoothes traffic flow
- Increases long-term viability of traffic signal operations
- Widely deployable & uses existing control equipment
QUESTIONS?