

SASHTO Conference
August, 2014
Tom Byron - FDOT



<http://www.fhwa.dot.gov/everydaycounts>



U.S. Department
of Transportation
Federal Highway
Administration

AASHTO



Florida EDC State Transportation Innovation Council (STIC)

- State DOT CEO
- FHWA Division Administrator
- FHWA EDC Coordinator
- State DOT Personnel
- LTAP/TTAP Representative
- MPO Representative
- Contractor Representative
- Consultant Representative



EDC-1 Status and Successes

Selected Initiatives:

- **Clarifying the Scope of Preliminary Design**
 - Updated Manuals & Fully Implemented
- **Safety Edge**
 - Adopted in the Florida Greenbook
- **Prefabricated Bridge Elements & System (PBES)**
 - Decision Framework in Design Manual & Process
- **Geosynthetic Reinforced Soil/ Integrated Bridge System**
 - Developed Standard Details & Policy



EDC-1 Status and Successes

Implemented Initiatives:

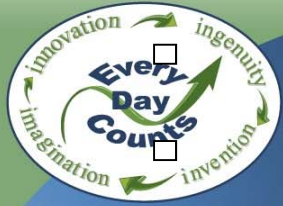
- **Mitigation Banking**
 - Established by Florida Legislature in 1994
- **In-lieu Fees**
 - Established by Florida Legislature in 1996
- **Planning & Environmental Linkages**
 - Projected Net Savings: \$26.1M / 67 years
- **Flexibilities in ROW**
 - Fully utilized
- **Flexibilities in Utility Relocation**
 - Fully utilized



EDC-1 Status and Successes

Implemented Initiatives: (Cont.)

- **CMGC (FDOT's CM @ Risk)**
 - Projects: 8
- **Design Build**
 - Projects: 438
 - Total Cost: \$11.6 B – Ave. 29.5% of all funding
- **Warm Mix Asphalt**
 - Fully Implemented, 1,133,000 Tons – 96 Projects
- **Adaptive Signal Control**
 - Implemented since the 1990's



EDC-2 Status and Successes

Selected Initiatives:

- **Programmatic Agreements II (ETDM)**
 - 18 ETDM Interagency Agreements
- **Locally Administered Federal-Aid Projects**
 - LPA Certification
 - LAP Community of Practice
 - Consultant Service Flexibility
- **3 Dimensional Modeling**
 - Developed 3D Specifications
 - Designed 34 Projects using 3D data



EDC-2 Status and Successes

Selected Initiatives:

- **Intelligent Compaction**
 - Development Stage
- **High Friction Surfaces**
 - Projects: 14 addressing 24 Locations
 - Crash Reduction: Yes
- **Intersection and Interchange Geometrics**
 - Pursuing roundabouts in all Districts
- **First Responder Training (SHRP 2)**
 - 100 Sections – 2546 Participants

QUESTIONS ?



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