



TRANSPORTATION

Reduced R/W Acquisition Cost

Using value engineering to review right of way drainage needs produced potential savings of \$14.5 million through roadway design realignment on a state road project. For more information, please contact Rocco DePrimo at (954) 777-4126, Suncom 436-4126 or email rocco.deprimo@dot.state.fl.us. 2006-DOT-010

Utility Relocation

Utility relocation is a major cause of increases in time and money overruns on construction projects. An operations utility coordinators' process is a major step in alleviating delays. Implementation of this process saved \$225,000 in construction claims and delays while completing roadway construction projects in Department of Transportation District IV and can be replicated in other districts. For more information, please contact James Jeffers at (954) 958-7628 or email james.jeffers@dot.state.fl.us. 2006-DOT-015

Testing for Product Compliance

While testing and analysis of defective material is not new, being able to turn a week's worth testing and analysis around in three days is unusual. Doing so while implementing a new concept of "construction warranty" enabled the Department of Transportation to determine the quality of asphalt being used at a Department of Agriculture weight station on I-75. The testing was essential to proving that a defective product was being used. For additional information, please contact Ron Henley at (386) 961-7716 or email ronnie.henley@dot.state.fl.us. 2006-DOT-036

Emergency Asphalt Repairs

Emergency road repairs are needed when pavement is damaged by events such as fuel spills or fires, which close at least one lane. An emergency asphalt repair contract process that reduces delays to the traveling public four hours per event and reduces secondary accidents saved motorists in Broward, Palm Beach and Martin Counties an estimated \$5.8 million. Other Department of Transportation districts can easily implement this process. For more information, please contact Hassan Abedi at (954) 958-7629 or email hassan.abedi@dot.state.fl.us. 2006-DOT-013

Production Report Savings

A user-friendly process reduces the time, from as much as six hours to less than five minutes, that production managers spend determining which projects are behind schedule and generating reports. Production managers customize reports to meet individual needs. An access database that generates the report is also used by maintenance offices to identify connection permits within the limits of current design projects. For more information, please contact Jim Knight at (386) 961-7707 or email james.knight@dot.state.fl.us. 2006-DOT-044

Conversion of Conventional Traffic Signals to LEDs

A fast track retrofit of traffic signals in Broward County with light emitting diodes (commonly called LEDs) reduces the Department of Transportation's initial cost and speeds up operational savings to willing local governments that maintain them. At 90% completion, annual savings to the county is an estimated \$1.5 million. For more information, please contact Ira Bell at (386) 961-7315 or email ira.bell@dot.state.fl.us. 2006-DOT-008

Procurement of Intelligent Transportation System Devices and Software

Acquisitions that involve significant software development are well known for developing major problems including schedule failures and cost overruns. A contracting method used to procure two complex intelligent transportation systems devices and software saved approximately \$1.7 on an \$8 million acquisition. A single integrated and scaleable system deploys a regional network of advanced traffic control technologies and controls maintenance and operating costs. For additional information, please contact Bijan Behzadi at (813) 975-6733 or email bijan.behzadi@dot.state.fl.us. 2006-DOT-033

TRANSPORTATION (cont.)

Reorganized Permit Process

Assigning permit review and inspection duties to one person for each county enables team members to be very aware of permits issued in their area, and thus, much easier to track permit violations. This initiative eliminated one position for annual savings of more than \$20,000. For more information, please contact Amanda Glynn at (772) 489-7069 or email amanda.glynn@dot.state.fl.us. 2006-DOT-009

Re-Engineered Contract Maintenance Program

Realigning the Department of Corrections' participation in Department of Transportation maintenance activities increased participation of at-risk youth training organizations, readjusted contract amounts and generated sufficient efficiencies to fund the biggest asset management contract in the state, amounting to more than \$12 million annually. For more information, please contact Bill Wang at (954) 777-4203 or email william.wang@dot.state.fl.us. 2006-DOT-012

Electronic Maintenance Contract Administration Program

A web-based maintenance contract administration program saves each contractor inspector approximately two hours daily by automating procedures for documenting contractors' activities. It also facilitates retrieval of information from a mountain of data collected daily by inspectors. An approximate 25% reduction in time required to administer contracts saves roughly \$138,000 annually. For more information, please contact Chi Sheu at (954) 776-4300, ext. 6182 or email chi-u.sheu@dot.state.fl.us. 2006-DOT-017

Road Ranger Service

An emergency response contract for a private road ranger service patrol to monitor 300 miles of the interstate system in Northeast Florida was developed prior to the 2005 Hurricane season as a result of lessons learned during 2004 Hurricanes Charlie, Frances, Ivan and Jeanne. These contracts, which address issues like fuel supply shortages and limited hotel availability, save an estimated \$10,000 per hurricane event. For more information, please contact Donna Danson at (904) 360-5463 or email donna.danson@dot.state.fl.us. 2006-DOT-042

Integrated and Efficient Scheduling System

A scheduling system to manage the 5-year work program in Department of Transportation District IV saved \$1.2 million by improving delivery of projects for letting. For more information, please contact Stacy Miller at (954) 777-4429, Suncom 436-4429 or email Stacy.Miller@dot.state.fl.us. 2006-DOT-025

Improved Handling of Complaints

Modifying existing software and developing a new process to administer internal and external customer complaints reduced the time for resolving complaints by an average of 1.5 hours, annually saving the Department of Transportation's Ft. Lauderdale Operations Center approximately \$70,000. Complaints are logged, issued, tracked and closed electronically in a database system. This process also gathers historical documentation to see if there are reoccurring issues in specific areas. For more information, please contact Darlene Williams at (954) 776-4300 or email darlene.williams@dot.state.fl.us. 2006-DOT-016

Child Safety Seat Installation

A public/ private partnership in Northeast Florida helps protect children in the event of a crash. Child car seat installation reportedly exceeds 70%. The We Have A Little Emergency (WHALE) program grabs the attention of parents, helping to ensure that seats are installed correctly. More than 30,000 children now ride safely in their car seats because of the WHALE program. For more information, please contact Andrea Atran at (904) 614-8377 or email andrea.atran@dot.state.fl.us. 2006-DOT-040

TRANSPORTATION (cont.)

Wireless Aircards for Construction Inspection

Using wireless aircards to eliminate hard copies of inspection reports, expedite data collection and resolve field conflicts more expeditiously saved \$118,333 on two transportation projects in Broward County. For more information, please contact Tony Piedra at (954) 958-7632 or email Antonio.Piedra@dot.state.fl.us. 2006-DOT-014

Career Development Guidelines

Guidelines for employees and supervisors to help increase employee proficiency, further employee development and improve employee retention can be utilized by other units within the Department of Transportation and other agencies. For more information, please contact Earl Jacobs at (561) 432-4966 ext. 1132 or email earl.jacobs@dot.state.fl.us. 2006-DOT-026

TRAVEL SAVINGS

Mileage Savings

Use of the Microsoft Streets and Trips computer program by Department of Juvenile Justice Probation and Community Corrections staff in Brevard and Seminole Counties reduced travel costs by 8% (\$2,120) over a six-month period in 2005. For more information, please contact Denise Devlin at (321) 690-6436 or email denise.devlin@djj.state.fl.us. 2006-DJJ-009

Mileage Reimbursement

An electronic form that automates documentation and calculation of employee mileage reimbursements creates agency wide consistency. For additional information, contact Christine Carr at (904) 726-0030 or email christine.carr@djj.state.fl.us. 2006-DJJ-001

For a list of adaptable achievements in the field of Transportation from the 2003-2005 awards competitions, please click [here](#).