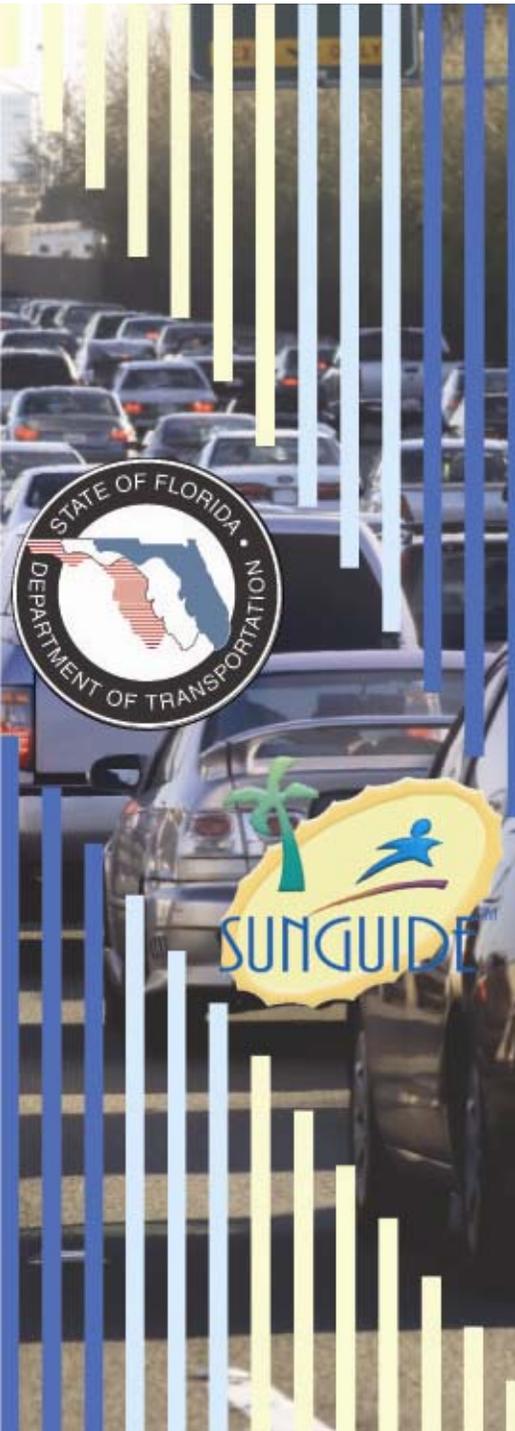


FDOT District 7 ITS Project Update

Tampa Bay SunGuide Center

Bill Wilshire, P.E.

District 7 ITS Program Manager



Tampa Bay SunGuide Center



*Tampa Bay SunGuide Center
Under Construction*



Tampa Bay SunGuide Center Today

- ❑ Located Behind FDOT D7 Headquarters
- ❑ Regional Transportation Management Center (RTMC)
- ❑ System Manager Design
- ❑ Bid awarded to American Bridge Company - late 2004
- ❑ Construction Complete Mid-2006

Tampa Bay SunGuide Center Interior Systems

- Separate Contract
July 2006

- Includes video wall, furnishings, operator consoles, testing & systems Integration

- Contractor -
AVI/TransCore

- Staff Moved in January 2007

- Operational Testing Began March 2007



Video Wall under construction



Tampa Bay SunGuide Center Interim Operations

- D7 Operated an Interim Transportation Management Center (ITMC) From Headquarters
- Staffed Peak Hours, Monday through Friday



*Interim Transportation
Management Center*



Tampa Bay SunGuide Center Current Operations

- ITMC Relocated to the Tampa Bay SunGuide Center
- April 2007, Begin 16/5 Operations
- Operated by Phase I System Manager – HNTB
- Current 511 Operations at Traffic.com Operations center



Video Wall



Tampa Bay SunGuide Center Collocation

□ Tampa Bay SunGuide Center Partners

- D7 ITS Staff
- D7 EOC Staff
- State Law Enforcement Dispatch
 - Florida Highway Patrol
 - FDOT Motor Carrier Compliance
 - Florida Department of Fish & Wildlife
 - Florida Department of Law Enforcement
 - State Emergency Response Team



Tampa Bay SunGuide Center



Breezeway Connection



Tampa Bay SunGuide Center Building Layout

- First Floor
 - Lobby
 - Operations Room
 - FDOT and State Law Enforcement Dispatch
 - IT Staff Offices
 - 2 Conference Rooms
 - Overlook Control Room
 - Break Room



Lobby



Conference Room



Tampa Bay SunGuide Center Building Layout

- State Law Enforcement Dispatch – First Floor
 - Shares Approximately Half of Operations Room
 - LCD Panels Mounted on Wall
 - Space for 20 Operators/Dispatchers
 - Offices



FHP Control Room Area with LCD panels



Tampa Bay SunGuide Center Building Layout

□ Second Floor

- FDOT ITS Staff Offices
- Cubicles for Consultant Support Staff
- D7 Emergency Operations Center – Secured Area



EOC Conference Room with Phone Banks



Tampa Bay SunGuide Center Future Operations

- ❑ D7 Will Advertise an ITB in Summer 2007
- ❑ Expand 24/7 Operations in Fall 2007
- ❑ 511 Operations Will Move to SunGuide Center in 2008



Tampa Bay SunGuide Center Typical Deployment Design

- Freeway Management System includes:
 - CCTV Every Mile
 - Detectors Every Half-mile
 - DMS
 - Fiber Optic Link
- Mobility Technologies' Sensors
 - 100 Sensors
 - Primarily Funded - FHWA ITIP Grant



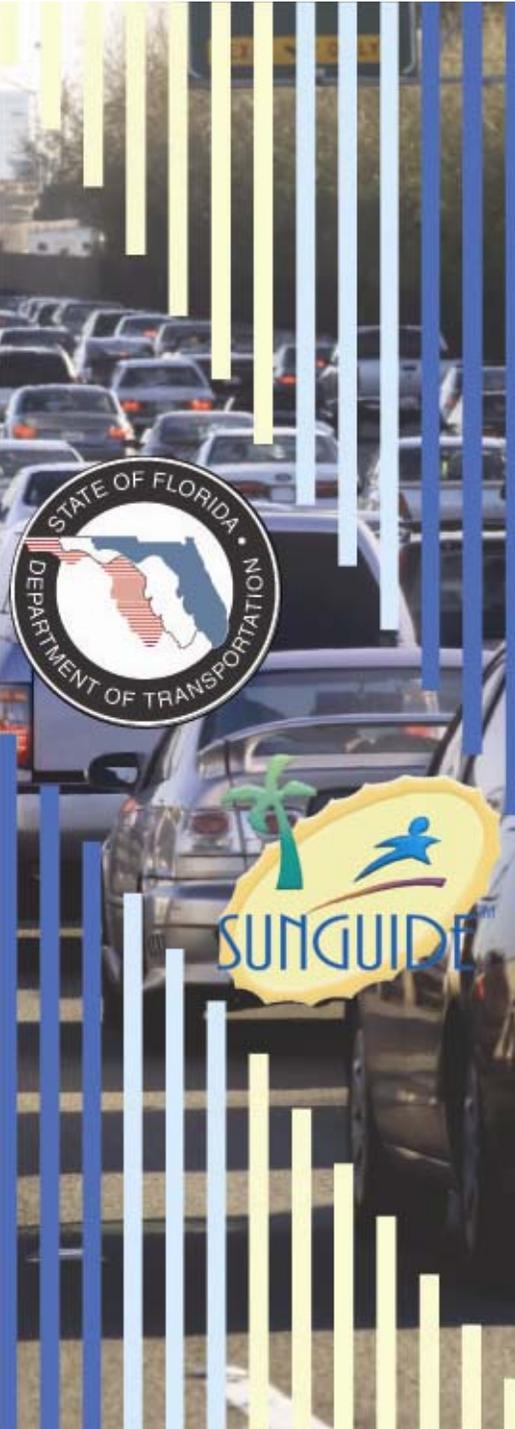
Mobility Technologies' Sensor





Tampa Bay SunGuide Center Current Deployment

- Currently Operating:
 - I-275 Between I-4 to North of Bearss Ave.
 - Sunshine Skyway Bridge
- Coming Online Soon
 - Downtown Interchange
 - 30 Miles of Coverage on I-4 / I-275



Questions?

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