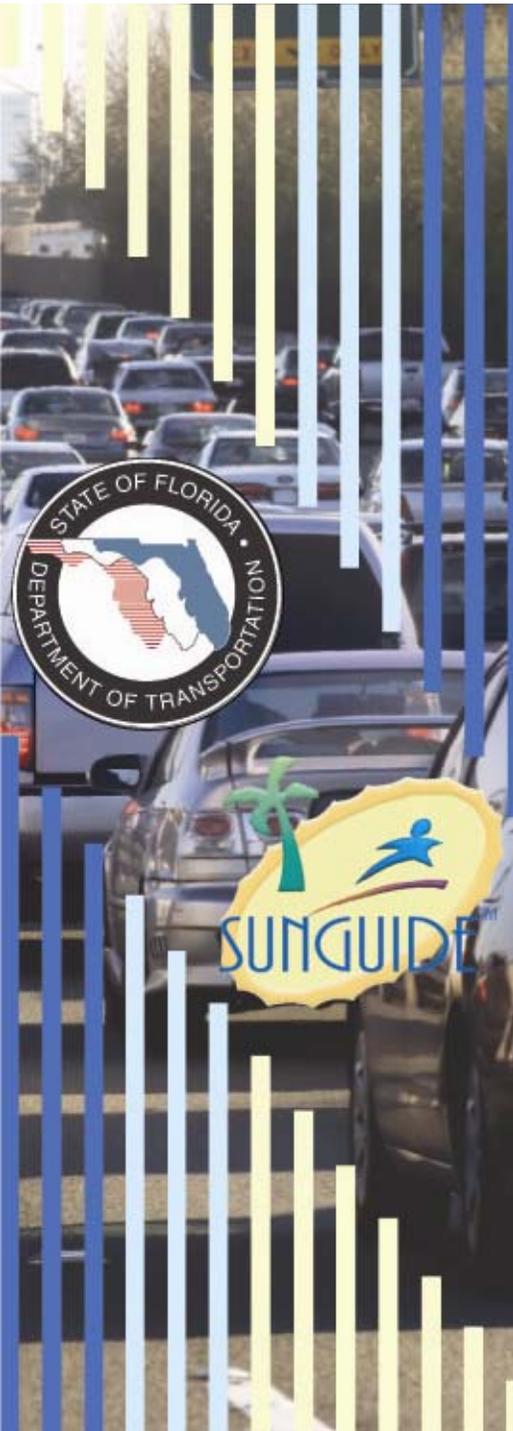


Florida's Turnpike Enterprise ITS Project Update



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Manager



Florida's Turnpike System



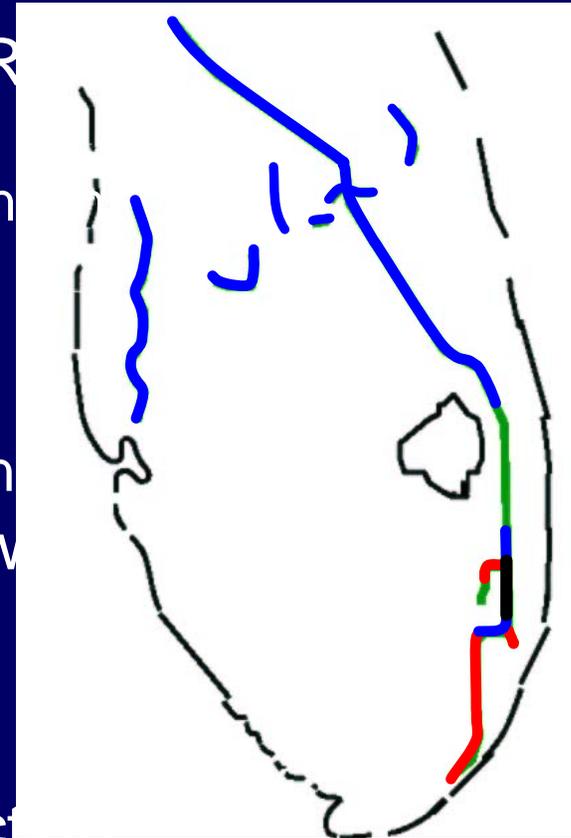
ITS and TMC Update

- Two Traffic Management Centers
 - 203 Existing Closed Circuit Television (CCTV) Traffic Monitoring Cameras
 - 28 Dynamic Message Signs (DMS)
 - 10 Highway Advisory Radio (HAR) Transmitters
- System-wide Fiber & ITS Instrumentation By End of 2008
 - CCTV
 - Detection Coverage: Radar and AVI
 - Software Automations in SunNavsm



ITS Deployment Update

- Phases 1 & 2
 - Completed
- Phase 3 (Sawgrass Expwy/SR 429)
 - Segment 1 Completed
 - Sawgrass Widening Projects Complete
 - Remainder of Sawgrass ITS
- Phase 4A & 4B
 - Substantially Complete
 - April 2007 planned acceptance
- Off-Mainline – Projects Underway
 - Early to Mid-2008 Completions
 - Toll 417, 429 & 528
 - Veterans, Suncoast & Polk
- South Florida CCTVs & Detection
 - Working Around Widening Projects



Central Florida ITS Improvements

- Two Separate Projects
- Projects to Install Fiber, DMS, CCTV, Vehicle Detection and HAR For Off-mainline Facilities
 - Seminole Expressway and Southern Connector / Toll 417
 - Western Beltway / Toll 429
 - Beachline Expressway / Toll 528
- Under Construction With Early- to Mid-2008 Completion Dates





West Florida ITS Improvements

- Project to Install Fiber, DMS, CCTV, Vehicle Detection and HAR on:
 - Veterans Expressway / Toll 589
 - Suncoast Parkway / Toll 589
 - Polk Parkway / Toll 570
- Under Construction With Late-2007 Completion Date

South Florida Part A ITS Project

- ❑ Completes Mainline Fiber Optic Installation in South Florida
 - Homestead Extension (MP 0 to MP 7)
 - Golden Glades Spur (MP 2X to MP 4X)
- ❑ Completes CCTV in Phase I Limits, Southern HEFT, and portion of Spur
- ❑ Incident Detection Systems (Radar and AVI-Travel Time)
- ❑ Supplemental DMS and HAR Locations
- ❑ Construction Recently Initiated With 2008 Completion



DMS Project

- Additional Mainline, Toll Plaza Approach and Arterial DMS for Entire Turnpike Mainline
 - Toll Plaza Overhead Approach Signs at 15 Locations (8 Barrier Toll Plazas)
 - Newer, Full Matrix Signs to Provide Graphic Capability
 - Arterial DMS at 16 Locations Approaching Turnpike
 - Service Plaza Public Information Display System (PIDS) in 7 Locations
 - Expanded version of Pompano Plaza pilot
 - Construction Let in December 2006 With 2008 Completion Date



Incident Detection System (IDS) Project

- ❑ Covers Turnpike Mainline From MP 117 to 309
 - Vehicle Detection System for Detecting Speed, Volume, and Occupancy Data (Radar-based)
 - Travel Time System Using AVI-Toll Tag Readers (Next Generation SunPass)
 - ❑ Travel times collected between DMS and key interchanges/locations of interest
 - Construction Let in December 2006 With Completion in 2008



Smart Highways - Sawgrass

- Early Winners Project Part of the Turnpike's Larger Smart-Highways Initiative
- Deploys the Following on Sawgrass:
 - Arterial DMS Prior to Each Interchange
 - AVI/Travel Time System
 - Speed Monitoring Sites (Passive)
 - RWIS Stations
- Design/Build Contract is Under Procurement With June 2007 Letting



South Florida Part B ITS Project

- Covers Tri-County Area, Including Possible Integration Into Sawgrass (ORT & Smart Highways) ITS Components
 - Provide Wireless Access of TMC Information to:
 - FHP and State Farm Safety Patrol/Road Rangers
 - Facilities/Roadway Maintenance Vehicles
 - ITS Maintenance Vehicles
 - Toll Equipment Maintenance Vehicles
 - Potential Applications for Expansion to Customers' Vehicles
 - Concept Report Complete
 - Design-Build Criteria Package is Under Development
 - Design/Build Construction Letting in FY 2007/2008



Questions?

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