



FLORIDA
Department of Transportation



SUNGUIDE[®] ITS PROGRAM District Progress Reports

This document is a compilation of quarterly progress reports by the Florida Department of Transportation Districts and Florida’s Turnpike Enterprise.

District One

Advanced Traffic Management Systems

Lee County Advanced Transportation Management System, Phase I, Design-Build Construction (412636 2 52 01)

This is a design-build project to complete the design and construct an upgrade to the existing signal system in Lee County, City of Fort Myers, City of North Fort Myers, and City of Bonita Springs. This advanced transportation management system (ATMS) upgrade will include new controllers and cabinets at 60 intersections, an updated communications plant, and video monitoring at 36 locations. This project will also deploy new vehicle detection stations for monitoring traffic flow throughout the traffic management system. The Lee County ATMS project will include construction of a video wall at the Lee County Traffic Operations Center (TOC). A design-build contractor was selected in May 2012. Notice to Proceed (NTP) is expected in August 2012. The construction duration is approximately 565 days.

Approx. Completion: December 2013

Contact: Mark Roberts (863) 519-2591

Freeway Management Systems

I-75 Freeway Management System for Sarasota and Manatee Counties and Integration Design-Build Construction Project (414730 1 52 01, 414732 1 52 01, 414736 1 52 01)

This is a design-build construction project to complete the design and construct the extension of the I-75 Freeway Management

Inside This Issue

August 2012

District One	1
District Two	3
District Three.....	4
District Four.....	6
District Five.....	8
District Six.....	9
District Seven	11
Florida’s Turnpike Enterprise	13

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FDOT ITS Program District Progress Reports



System from the Charlotte/Sarasota County Line to the I-275 interchange within Manatee County. The project includes the design and installation of intelligent transportation systems (ITS) field elements, which include closed-circuit television cameras, dynamic message signs, road weather information systems, microwave vehicle detection, highway advisory radios, and fiber optic communications cable and transmission equipment along I-75 throughout Sarasota and Manatee Counties. These field elements will be integrated into the SouthWest Interagency Facility for Transportation (SWIFT) SunGuide® Center and the Sarasota and Manatee Satellite Transportation Management Center (TMC). A design-build contractor was selected in February 2012. NTP was issued on April 26, 2012. The project is currently at the 60 percent plans phase.

Approx. Completion: June 2014

Contact: Katherine Duvall (863) 519-2726

Districtwide RTMC ITS Operations Contract (417733 1 82 01)

This project provides funding for the operation costs for the District One Regional Transportation Management Center (RTMC). The contract was executed in June 2007. Operations commenced 24-hours/7-days per week coverage on January 19, 2010. The contract was extended by six months and will be completed on December 31, 2012.

Approx. Completion: December 2012

Contact: Katherine Duvall (863) 519-2726

Districtwide RTMC ITS Operations Contract (417733 1 82 95)

This project provides funding for the operation costs for the District One RTMC and the new Sarasota/Manatee Satellite TMC. This is a new contract and is currently in the selection process as an invitation to negotiate.

Approx. Completion: December 2017

Contact: Katherine Duvall (863) 519-2726

Districtwide ITS Maintenance and Fiber Locates Contract (419713 1 72 01 and 419714 1 32 01)

This project provides funding for the maintenance and locate costs for the District One ITS field device systems and associated utilities. The contract was executed in January 2008. Maintenance services commenced on January 20, 2010.

Approx. Completion: January 2013

Contact: Katherine Duvall (863) 519-2726

Incident Management

Districtwide Road Rangers Service Patrol Contract (422286 1 72 02)

This is a service contract for Road Ranger Service Patrols on Interstate roadways in District One and the Sunshine Skyway Bridge. The RFP Bid Package was executed in October 2007, with a start work date of January 1, 2008. This project will separate the service patrol function from asset maintenance contracts and will be managed by the District One Traffic Operations Division. Road Ranger Service Patrols currently operate 7 days each week based on customized schedules designed to optimize the services and benefits to the public based on project funding. The vendor is currently searching for sponsorship opportunities.

Approx. Completion: December 31, 2012

Contact: Bill Fuller (239) 225-9815

Rapid Incident Scene Clearance (RISC) (424192 1 82 01)

This open ITN contract will secure multiple qualified wrecker service vendors for meeting minimum response times and minimum equipment standards in order to rapidly clear the interstate roadway of crash vehicles and debris. Once all terms and conditions of the contract are met, FDOT will provide bonus incentive dollars to the contractor based on



FDOT ITS Program District Progress Reports



performance. Furthermore, unwarranted delays that exceed FDOT’s contract expectations result in financial penalties assessed against the contractor. Currently, two vendors are under contract.

Approx. Completion: Ongoing
Contact: Bill Fuller (239) 225-9815

ITS Planning and Project Development

Districtwide Intelligent Transportation Systems General Consultant Traffic Operations (417470 1 32 02)

This ITS General Consultant Project provides District One with a broad-range of general consultant support on an as-needed basis. The current contract was executed in July 2009.

Approx. Completion: July 2013
Contact: Mark Roberts (863) 519-2591

Districtwide Intelligent Transportation Systems General Consultant Traffic Operations (417470 1 32 03)

This ITS General Consultant Project provides District One with a broad-range of general consultant support on an as-needed basis. This is a new contract with a scheduled advertisement date of September 3, 2012, and a final selection date in November 2012.

Approx. Completion: July 2017
Contact: Mark Roberts (863) 519-2591

Districtwide Transportation Systems Management and Operations (TSM&O) General Consultant Contract (429512 1 32 01)

This TSM&O General Consultant Project will provide District One with a broad-range of engineering, planning, and technical services needed to establish and support the TSM&O Program within District One. The contract was executed in October 2011, and is scheduled for a five-year term.

Approx. Completion: October 2016
Contact: Chris Birozak (863) 519-2507

Advanced Public Transportation Systems

Manatee County Area Transit (MCAT) (205219 1 94 01)

This grant, for an automated vehicle location (AVL) system to be installed on all vehicles with Trapeze Group, Inc. is currently being coordinated with the service provider for resolution of performance issues related to the software program. Areas of focus are wireless devices, hardware, the application server, and system database. Testing and evaluation of new software is planned to commence on July 23, 2012. If all issues are resolved, enhancements to hardware components will be secured and installed to support a fully operational AVL system with automated passenger counting, computer-aided dispatch, and Enunciator “Next Bus” systems.

Approx. Completion: October 31, 2012
Contact: Michelle Peronto (863) 519-2551

District Two

Advanced Traffic Management Systems

Traffic and Travel Management Jacksonville Interstate Surveillance and Control System, Phase IX (209168-3)

This systems manager project on State Road 9-A, from I-95 south of Jacksonville to Atlantic Boulevard, involves construction/installation of master communication hubs, fiber optic cable, communications equipment, closed-circuit television (CCTV) cameras, traffic detection units, ten dynamic message signs (DMS), connection to the Jacksonville Fiber Optic Network, and software integration/enhancements. This is an 11-mile project that will incorporate tie-into Phases III, VI, and VII deployments. Metric Engineering was selected as the systems manager consultant firm to design and integrate the deployment. A competitive bid to install the equipment will be



FDOT ITS Program District Progress Reports



advertised in July 2012 with letting in the fall of 2012. The CCEI contract will be handled by RS&H.

Advertisement for Construction: July 2012
Contact: Peter Vega (904) 360-5463

Traffic and Travel Management Jacksonville Interstate Surveillance and Control System, Big "I" Interchange (213243-1-52-05)

This design-bid-build project at the I-10/I-95 interchange involves construction/installation of conduit, fiber optic cable, communications equipment, CCTV cameras and traffic detection units, and connection to the Jacksonville Fiber Optic Network. This is a two-mile project incorporating tie-into Phases II, III, and VI deployments. URS is assisting with the design. The contract will be low bid to handle the deployment. Advertisement will occur in the summer of 2012 with final selection in the fall. In-house CEI will be utilized on this project. Selection of Contractor Team: Summer 2012
Contact: Peter Vega (904) 360-5463

Regional Transportation Management Center (217417-8)

This project will be for the construction of a regional transportation management center at the State Complex on Davis Street. The design involves the construction of a facility near the Law Enforcement's Jacksonville Regional Communications Center. The Department of Management Services will provide the project manager for this work and will advertise for an architectural engineering firm in August 2012. The procurement process will be using CM@ Risk. CEI work will be handled in-house with contracts for the certification of various specialties being handled by the Department of Management Services.

Advertisement of Architect: August 2012
Advertisement of CM @ Risk: October 2012
Contact: Peter Vega (904) 360-5463

Northeast Florida Transportation Planning Projects

Advanced Traffic Management System (430070-1)

This project involves contractor installation of ITS-compliant traffic signal controllers, cabinets, CCTV cameras, and fiber optic cable on US 17 in Clay County from Creighton Road to south of CR 220. The design firm is the North Florida Transportation Planning Organization's (TPO) System Manager, DRMP, and inspection will be performed in-house.

Selection Date: September 2013
Contact: Peter Vega (904) 360-5463

Advanced Traffic Management System (430144-1-52-01)

This project involves the installation of ITS-compliant arterial static and DMSs at various locations in Duval County. The design firm is the North Florida TPO's System Manager, DRMP, and inspection will be performed in-house.

Selection Date: April 2012
Contact: Peter Vega (904) 360-5463

District Three

Advanced Traffic Management Systems

Bay County ITS Integration Project / Phase III of the Bay County Advanced Traffic Management System (ATMS) (408412-5)

Phase III of the Bay County Regional intelligent transportation systems (ITS) project expands the benefits of the previous two phases to additional corridors and intersections within Bay County. The Phase III project will include the integration of roadways/signalized intersections on the west side of the Hathaway Bridge as well as incorporating additional outlying signalized intersections on the east side of the bridge.



FDOT ITS Program District Progress Reports



Bay County issued a Design-Build Request for Proposal (RFP) through its procurement process to solicit competitive bids and proposals to design, procure, install, integrate, and test the third phase of the Bay County Regional ITS project. Bay County also further expanded the scope of the Phase III project by incorporating additional funding provided by local project partners, such as Bay District Schools and Panama City Beach.

Bay County executed a contract with the successful design-build firm; construction began on Phase III on September 21, 2011; and the project is currently scheduled to be complete around the May 2013 timeframe.

Contact: Chad Williams (850) 415-9504 or Cliff Johnson (850) 415-9694

Freeway Management Systems

I-10 / I-110 Freeway Management System for Escambia & Santa Rosa Counties and Regional Transportation Management Center (414706-1)

On June 30, 2008, FDOT executed a contract with TransCore ITS, LLC, to establish a regional transportation management center (RTMC) and freeway management system (FMS) to manage traffic on I-10 and I-110 in the Pensacola metropolitan area. The duration of the contract is for ten years with a renewal option for one additional term, not to exceed ten years. The scope of work included preparing deployment plans and specifications, system hardware and software procurement, hardware compatibility testing, system communications testing, coordinating system deployment, performing system integration, providing system documentation and training, performing system evaluation, data management, and providing on-going operation and maintenance in support of a comprehensive FMS. This FMS was deployed along approximately 32 miles of I-10 beginning at the Florida/Alabama state line and

ending in Santa Rosa County approximately one mile east of the I-10 and SR 87 interchange. The FMS also includes all of I-110. In addition, TransCore ITS is currently scheduled to deploy and administer a Road Ranger service patrol program along the aforementioned interstate limits beginning July 1, 2011.

TransCore ITS has entered the operations and maintenance phase of the initial ten-year contract, which will continue through June 2018. The Pensacola SunGuide® Center operates 16 hours a day, Monday through Friday. This schedule will expand during times of emergency and regional significance as determined by District Three. The center's video wall display system is comprised of six 67-inch modules arranged in a three wide by two high configuration flanked by two 46-inch LCD flat panel monitors on either side. There are currently three operator monitoring stations, two for operators and one for the shift supervisor, with room to expand up to five operators. Operators at the center view 41 closed-circuit television (CCTV) cameras on a rotating basis to monitor the I-10 and I-110 corridors in Escambia and Santa Rosa Counties. The FMS includes 12 dynamic message signs (DMS), three located on I-110 and nine positioned along I-10 as well as 88 microwave vehicle detectors and one roadway weather information system. TransCore ITS also provided a wireless expansion of the communications system to include a camera at each end of the Pensacola Bay Bridge.

Contact: Chad Williams (850) 415-9504 or Cliff Johnson (850) 415-9694

I-10 Freeway Management System for Tallahassee Area and Regional Transportation Management Center (414716-1, 414718-1 & 414720-1)

FDOT and City of Tallahassee have agreed to pursue alternatives that may exist for the city to



FDOT ITS Program District Progress Reports



administer the design, construction, operation, and maintenance of the Tallahassee I-10 FMS and associated RTMC, and to pursue opportunities for collocation of services among the city, the FDOT, and other agencies, such as the Florida Highway Patrol.

This project includes the design and installation of ITS field elements, including DMSs, CCTV cameras, microwave detection, and fiber optic communications cable and transmission equipment, along I-10. The FMS will also include Road Ranger Service Patrols dispatch. The RTMC will include designated office space for personnel and will house monitoring and control capabilities for the I-10 FMS and the Tallahassee Advanced Traffic Management System; other ITS to be installed in the future; and the staff necessary to operate these systems.

A binding Joint Project Agreement was executed specifically to address project administration and funding obligations of the parties, associated with the design, construction, operations, and maintenance of the FMS and RTMC. The parties recognize the potential cost and time-savings resulting from their joint participation, and believe a partnership in all aspects of the FMS and RTMC development, deployment, and operation and maintenance will ultimately result in more cost-effective management of traffic within Leon County.

The notice to proceed for construction of the telecommunications portion of the project was issued on March 19, 2012, and the overall project is currently scheduled to be complete around the July 2013 timeframe.

Contact: Chad Williams (850) 415-9504 or Cliff Johnson (850) 415-9694

District Four

Advanced Traffic Management Systems

Palm Beach County ITS Deployment (404827-1)

This design-build project includes deployment of closed-circuit television (CCTV) cameras, dynamic message signs (DMS), traffic detectors, fiber communication network along I-95 within Palm Beach County. The project was awarded to TransCore; Phase A is in the 90-day burn in phase. Phase B construction activities will commence as soon as the I-95 high-occupancy vehicle (HOV) widening project in Northern Palm Beach County is complete.

Approx. Completion: December 2012

Contact: Jason Trujillo, (954) 847-2635

Freeway Management Systems

Districtwide ITS Operations Support Services Contract (231654-7-82-01 231654-7-82-02, 231654-8-82-01)

This project is for the management and operations of the Broward County and Palm Beach County Vista Center transportation management centers (TMC). This project includes operation of the I-95/I-595/I-75 Districtwide ITS Network on a 24-hour/7-day a week schedule, dispatching of the Broward, Palm Beach, Martin, St. Lucie, and Indian River Counties' Road Rangers, and coordination on operational issues with Districts One and Six, and the Florida's Turnpike Enterprise for the ITMS project, I595 Express, I95 Express, and SmarTraveler. This contract was awarded to AECOM after completion of the Invitation to Negotiate (ITN) process. Services began May 7, 2010.

Approx. Completion: May 2015

Contact: Daniel Smith (954) 847-2633



FDOT ITS Program District Progress Reports



Districtwide ITS Systems Software Support Services (416259-1-32-01)

This project provides software support services for the District 4 ITS. This project includes a dedicated full-time Database Administrator (DBA)/Programmer to support ITS projects throughout the District including Broward, Palm Beach, Martin, St. Lucie, and Indian River Counties. Currently the DBA/Programmer is based at the Broward SMART SunGuide® TMC and responds 24-hour/7-days a week to all software/database concerns. This contract was awarded to IBI Group in June 2011.

Approx. Completion: June 2016

Contact: Dong Chen (954) 857-2796

District 4 Broward ITS Maintenance (406795-3-8B-01, 406795-3-72-01)

This project is for the maintenance of the ITS devices in District Four, primarily for Broward County, including DMSs, CCTV cameras, VDS, fiber optic cable, and all other ITS devices deployed. The project will include the maintenance services necessary to maintain complete functionality and operational status, preventive/routine maintenance, diagnostic work, and major/minor repairs/replacements. This contract was awarded to Miller Electric with an NTP in July 2011.

Approx. Completion: July 2014

Contact: Anthony Mendoza (954) 847-2798

District 4 Palm Beach and Northern Three Counties ITS Maintenance (416255-2-72-01, 416255-2-8B-01)

This project is for the maintenance of the ITS devices in District Four, primarily for Palm Beach, Martin, Saint Lucie, and Indian River Counties, including DMSs, CCTV cameras, VDS, fiber optic cable, and all other ITS devices deployed. The project will include the maintenance services necessary to maintain complete functionality and operational status, preventive/routine maintenance, diagnostic

work, and major/minor repairs/replacements. This contract was awarded to Telvent with an NTP in July 2011.

Approx. Completion: July 2014

Contact: Anthony Mendoza (954) 847-2798

Palm Beach County ITS Deployment (404827-1)

This design-build project includes deployment of CCTV, DMS, traffic detectors, fiber communication network along I-95 within Palm Beach County. The project was awarded to TransCore; Phase A was completed and Phase B is scheduled to be completed by December 2012.

Approx. Completion: December 2012

Contact: Jason Trujillo, (954) 847-2635

Districtwide ITS General Consultant (4155291-32-01)

This project provides District Four with a broad-range general consultant service allowing support to the District on an as-needed basis. The project also provides a full-time person on-site at the SMART SunGuide TMC. The contract was awarded to Vanus Group of Garnett Fleming in February 2010.

Approx. Completion: February 2013

Contact: Dong Chen (954) 847-2796

Incident Management

Broward County Severe Incident Response Vehicle (SIRV) (422332 1 82 01)

This project provides four Severe Incident Response Vehicles (SIRV) and SIRV operators to respond to Level 2 and 3 incidents on the interstates in Broward County and Palm Beach County. The SIRV are dispatched from the Broward County SMART SunGuide TMC and the Palm Beach SunGuide TMC. Once on scene, SIRV becomes the Incident Commander for FDOT activities. They are used as other agencies' point of contact for anything needed from FDOT and provide coordination among



FDOT ITS Program District Progress Reports



responders. Two SIRV respond to incidents in Broward County and two SIRV will respond to incidents in Palm Beach County. The contract was awarded to AECOM Technical Services, Inc. on June 20, 2011. Services will begin in January 2011 and end September 30, 2016. The current contract has been extended three months to allow for procurement of vehicles, staff, and equipment for the new contract.

Approx. Completion: September 30, 2016
Contact: Gaetano Francese (954) 847-2797

Broward County I-95/595/75 Road Rangers Service Patrol (231723 3 72 01)

This project provides Road Rangers to patrol the Interstates and help stranded motorists, and assist law enforcement with incident management. A new contract was awarded to Sunshine Towing and services began on December 1, 2010.

Approx. Completion: Contract ends November 30, 2015
Contact: Gaetano Francese (954) 847-2797

Palm Beach County I-95 Road Rangers Service Patrol (231924-3-72-01/231924-4-72-01)

This project provides Road Rangers to patrol the Interstates and help stranded motorists, and assist law enforcement with incident management. A new contract was awarded to Anchor Towing and services began on February 1, 2011.

Approx. Completion: New contract ends January 31, 2016
Contact: Gaetano Francese (954) 847-2797

Treasure Coast Road Ranger Service Patrol (412495-1-72-01)

This project provides Road Rangers along I-95 through the Treasure Coast, which is comprised of Martin, St. Lucie, and Indian River Counties. Road Rangers provide roadside assistance to stranded motorists and assist law enforcement with incident management. The contract was

awarded to Anchor Towing. Service began on September 6, 2010.

Approx. Completion: Contract ends September 5, 2013

Contact: Gaetano Francese (954) 847-2797

Rapid Incident Scene Clearance (RISC) (4241881-1-82-01)

In October 2008, a rapid incident scene clearance (RISC) contract was advertised for District Four. This is an open contract for three years for qualified vendors to provide clearance and recovery services for major incidents requiring specialized heavy-duty recovery equipment. Bonuses are paid for clearing incidents in less than 90 minutes as stated in the Statewide Open Roads Policy. RISC activations began in July 2009. District Four currently has five RISC vendors under contract. A new contract will be advertised in April 2012.

Approx. Completion: April 2012
Contact: Gaetano Francese (954) 847-2797

District Five

Advanced Traffic Management Systems

I-75 Ocala/Marion County ATMS (423236-1-58-01)

This project is a Joint Participation Agreement between the City of Ocala and FDOT for the deployment of intelligent transportation systems (ITS) components on SR-200 and I-75 interchanges for the advanced traffic management system (ATMS) implementation. The project will provide fiber connection from I-75 to the FDOT Ocala operations facility. Construction is underway.

Contact: Nathan Ruckert (386) 943-5315



FDOT ITS Program District Progress Reports



Brevard County Advanced Traffic Management System (ATMS) Project (428597-1-52-01, 428919-1, 428920-1)

This is a federally funded project administered by FDOT District Five on behalf of Brevard County for the purpose of constructing additional ITS improvements on several corridors county-wide. Improvements include upgrading the current traffic responsive signal system to a new traffic adaptive signal system, adding Bluetooth wireless detection for calculating travel times, and expanding the county's current closed-circuit television (CCTV) sub-system. This contract began July 11, 2011, and is currently 75 percent complete.

Contact: Nathan Ruckert (386)943-5315

Seminole County Phase II Advanced Traffic Management System (ATMS) Project (429550-1-54-01)

This is a federally funded project administered by FDOT District Five on behalf of Seminole County to procure equipment consisting of various ITS components. This contract began on September 13, 2011. This project is currently on hold to create a Systems Engineering Management Plan for the Federal Highway Administration.

Contact: Nathan Ruckert (386)943-5315

Freeway Management Systems

I-75 Wireless Project (238002-2-52-31)

This project is to install wireless ITS devices (CCTV cameras and detectors) on I-75 from SR-44 to SR-40. Currently, 15 cameras and 24 detector stations are installed and operational between mile markers 329 and 356, along with nine solar sites and 15 power sites.

Contact: Nathan Ruckert (386) 943-5315

I-4 Dynamic Message Sign Replacement Project (428915-1-92-01)

This project will replace 16 dynamic message signs (DMS) with new full color DMSs, including structures and foundations, on I-4 from SR-528 to SR-472 at various locations in Orange, Seminole, and Volusia Counties. This contract time began on May 20, 2011, and successfully achieved final acceptance on May 13, 2012.

Contact: Nathan Ruckert (386)943-5315

Incident Management

I-4 Road Rangers—Motorist Assistance Program (410957-1-72-04)

The limits of service are from the Osceola/Polk County line to I-95 in Volusia County. There are a total of 13 Road Ranger personnel and one Road Ranger supervisor. There are 12 Road Ranger vehicles. Operational hours and days are Monday through Friday, 6:00 to 12:00 a.m. and Saturday and Sunday, 6:00 to 3:30 a.m.

Contact: Nathan Ruckert (386)943-5315

District Six

Note: ITS deployment work in District Six has been “mainstreamed” into the regular production process as components of normal improvements or maintenance projects. District Planning and Production sections manage major projects, such as new Express Lane studies and deployments, with ITS unit support and guidance.

Advanced Traffic Management Systems

Replacement of DMS & Installation of ITS Devices (417740)

This is a design-build project that will replace two dynamic message signs (DMS) that reached the end of their useful life. The proposed DMS assemblies will be erected on existing structures. Fourteen closed-circuit television (CCTV) cameras will be installed to confirm DMS



FDOT ITS Program District Progress Reports



messages and two cameras will be installed to provide roadway coverage. Two more cameras will verify the operation of flashing beacons. In addition, seven miles of wireless communications will be migrated to a fiber optic cable backbone. Three existing wireless cameras and one DMS will be migrated to this new fiber optic cable backbone. Ten microwave video detectors will be installed to provide 1.7 miles of detector coverage.

Contract Start Date: June 2011

Contract End Date: February 2013

Contact: Sergio Bravo (305) 640-7344

District Wide Maintenance & Repair Services Contract (250102)

The purpose of this contract is to provide preventive maintenance, diagnostic, and repair services to the intelligent transportation systems (ITS) equipment and the SunGuide® Transportation Management Center (TMC). Performance ratings are used to assess contractor performance under this contract. The budgetary ceiling for the first three years is \$8.3 million.

Contract Length: Three years

Contract Notice to Proceed: August 1, 2011

Contract End Date: July 31, 2014

Contact: Derole Duncan (305) 640-7308

District Wide ITS Operations Support Services Contract (250115 and 417740)

The purpose of this contract is to assist the District with the management and operations of the FDOT District 6 ITS. The consultant is responsible for providing services to the District, such as, but not limited to: monitoring traffic conditions on Miami-Dade and Monroe County's roadways via CCTV cameras and vehicle detection systems, disseminating traveler information via DMS and statewide 511 system, operating the I-95 Express Lanes and ramp signaling systems, dispatching Road Ranger Service Patrol vehicles to crash scenes,

providing information technology support, and traffic operations and ITS engineering support services. The services are categorized into seven major areas: SunGuide TMC Operations Services, Contract Management Services, TMC Information Technology Services, Miscellaneous TMC Operations Support Services, ITS Public Outreach Services, ITS Utility Locates Services, and Traffic Operations and ITS Engineering Services. Performance ratings are used to assess consultant performance under this contract. The current contract budget is \$26.6 million.

Contract Length: Five years

Contract Notice to Proceed: December 18, 2007

Contract End Date: December 17, 2012

Contact: Javier Rodriguez (305) 640-7307

District Wide ITS Technical Consultant Contract (250115)

The contract assists the Traffic Operations and ITS staff with the preparation of feasibility studies, Requests for Proposals, and as-needed, on-call, or miscellaneous ITS engineering services. The current contract budget is \$1.3 million.

Contract Length: Five years

Contract End Date: September 8, 2013

Contact: Sergio Bravo (305) 640-7344

Traffic Engineering/ITS Support Contract (414753)

This contract assists the ITS staff by providing Florida International University Engineering staff and students for traffic engineering and ITS technical support services on ITS projects. The contract current budget is \$200,000.00.

Contract Length: Five years

Contract End Date: April 30, 2013

Contact: Alejandro Motta (305) 640-7346

District Wide Traffic Operations Studies (409521)

This contract assists the ITS staff with the preparation of feasibility studies, designs,



FDOT ITS Program District Progress Reports



scopes of services, and program management support for the deployment of the I-95 Ramp Signaling Project, and miscellaneous traffic operations and ITS studies, as-needed. The current 2011 fiscal year contract budget is \$350,000.00.

Contract Length: Five years

Contract Start Date: October 28, 2010

Contract End Date: October 27, 2015

Contact: Javier Rodriguez (305) 640-7307

Incident Management

Incident Management Services (250113 & 415456)

Provide incident management services along SR 826, I-195, I-395, I-75 and I-95 (including I-95 Express Lanes) to assist FDOT and the Florida Highway Patrol with clearing traffic crashes, removing disabled vehicles and debris from the roadways, and keeping travel lanes open to traffic. The current contract budget is \$10.4 million.

Contract Length: Three years

Contract End Date: December 31, 2012

Contact: Javier Rodriguez (305) 640-7307

Automated Vehicle Location (252058)

Provide automated vehicle location system and support Services. The contract current budget is \$150,000.00.

Contract Length: Three years

Contract End Date: June 30, 2015

Contact: Alejandro Motta (305) 640-7346

District Seven

Freeway Management Systems

Tampa Bay SunGuide® Freeway Management System, Phase III Pinellas County (407233-5)

This intelligent transportation systems (ITS) design project is on I-275 from the South Sunshine Skyway Toll Plaza to 54th Avenue

South. URS will complete the project under a systems manager contract. This project will provide an updated system of devices that will include installing closed-circuit television (CCTV) cameras on the towers, a wind monitoring system, highway advisory radio (HAR), and development of a new technique to replace and/or connect new conduit to the bridge. The construction contract let date was March 2012. The construction contractor is World Fiber.

Contact: Greg Reynolds (813) 615-8612

Tampa Bay SunGuide Freeway Management System, Phase III Hillsborough County (410909-9)

This ITS project is on I-75 from North of Bruce B Downs Boulevard to SR 56 (Exit 275). This project will provide a new system of devices that will include installing CCTV cameras, dynamic message signs (DMS), and microwave vehicle detector sensors (MVDS). It is designed and funded under the original URS contract 407233-7 as the I-75 segment. This project goes with construction projects 408459-2, 408459-1, 408459-3, and 410909-2. This project was let in June 2011. The construction contractor is Prince Construction.

Contact: Greg Reynolds (813) 615-8612

Tampa Bay SunGuide Freeway Management System, Phase III Hillsborough County (410909-2)

This segment is on I-75 from Fowler Avenue to north of Bruce B Downs Boulevard. This project will provide a new system of devices that will include installing CCTV cameras (to include dual-mount lowering device cameras), DMS, arterial DMS using wireless connections, and MVDS. This project is designed with Roadway Project 408459-1 and is being completed by PB World as a supplement to the roadway contract. This project was let with FPID 408459-1, 408459-2, 408459-3, and 410909-9 in June 2011. The construction contractor is Prince Construction.

Contact: Greg Reynolds (813) 615-8612



FDOT ITS Program District Progress Reports



Tampa Bay SunGuide Freeway Management System, Phase III Hillsborough County (407233-7)

This ITS project is on I-275 from Bearss Avenue to the I-75/I-275 Apex in Hillsborough County. Construction began in January 2011. The project manager is working with the systems manager, URS, on procuring and installing ITS equipment.

Approx. Completion: November 2012

Contact: Greg Reynolds (813) 615-8612

Tampa Bay SunGuide Freeway Management System, Phase IV Manatee County (407233-6)

This ITS design project is on I-275 from south of the Sunshine Skyway Bridge to the I-75/I-275 Apex in Manatee County. This project will provide a new system of devices that will include installing CCTV cameras, arterial DMS using wireless connections, MVDS, and HAR system. Metric Engineering designed the project, which is 100 percent complete and ready for bid.

Approx. Completion: September 2013

Contact: Greg Reynolds (813) 615-8612

Tampa Bay SunGuide Freeway Management System Hillsborough and Polk Counties (405600-1-52-41)

This project is on I-4 from Park Road to County Line Road and I-4 from County Line Road to US 27. This Fast Response Contract was awarded to Highway Safety Devices for remediation and integration of grounding and surge protection of ITS devices in the median and border areas of the rights-of-way. The first leg of the project to include the border areas was completed and final acceptance took place January 2012 under FPID 405600-1-52-94. Gannett Fleming designed the second leg of the project to include the median. The project was completed and accepted as of April 2012.

Completion Date: April 2012

Contact: Greg Reynolds (813) 615-8612

Tampa Bay SunGuide Freeway Management System, Design/Build Push Button II (254677-1)

This project provides I-75 wireless locations at three interchanges and one underpass located at SR 54, SR 52, SR 50, and St. Leo Road, which provides wireless video and monitoring at interchanges for future road construction. Design completion occurred in April 2012 by RCC. Construction anticipated start date scheduled for August 2012 by Florida Safety Contractors (FSC).

Incident Management

Road Rangers Service Patrol (408206-1-8B-01)

The Road Rangers service patrol was initially established in October 2000 to provide “free” highway assistance to motorists and assist in clearing freeway incidents. Since that time, the mission evolved to “incident response.” Road Rangers still assist motorists, but only as a secondary function. District Seven service patrols cover Hernando (partial), Hillsborough, Pasco, and Pinellas Counties, operate 24/7/365, and average more than 6,000 incidents per month. In addition, District Seven manages the Road Rangers service patrol on I-4 in Polk County and on the Sunshine Skyway Bridge corridor. Road Rangers primary duty is to respond to incidents of all types, provide traffic control and assist law enforcement and other first responder personnel in the quick clearance of traffic incidents/accidents to restore safe, smooth and efficient operation of our roadway system, remove disabled vehicles from the roadway and clear hazardous debris. Road Rangers also provide essential assistance during storm events and other emergencies.

Contact: Terry Hensley (813) 615-8611



FDOT ITS Program District Progress Reports



Rapid Incident Scene Clearance (424209-1-82-01)

As an aid to the State of Florida's Open Roads Policy, which provides quick clearance for safety and mobility, Florida's Rapid Incident Scene Clearance (RISC) initiative is an innovative program offering cash incentives to towing and recovery companies that quickly and adequately respond to qualified incidents on Florida's interstate highways. District Seven began the RISC program in January 2009. Currently, there are two contractors in operation in the District. Since inception, there have been 71 RISC-qualified incidents, most of which have been cleared within the 90-minute period. The District continues to solicit additional interested companies for this program and to work closely with the Florida Highway Patrol and other agencies to improve RISC response.

Contact: Terry Hensley (813) 615-8611

Florida's Turnpike Enterprise

Advanced Traffic Management Systems

Dynamic Message Sign Replacement Project Part 2 (428010-1-52-01)

This is a design/bid/build project to replace ten legacy dynamic message signs (DMS). These signs are approximately 10 years old and are no longer supported by the manufacturer, making them more difficult to maintain. The contract was let for construction in January 2012, and awarded to Traffic Control Devices (TCD). Replacement work began on July 30, 2012.

Contact: John Easterling (954) 934-1620

Veterans Expressway Reconstruction (406151-1-52-01, 406152-1-52-01, 431275-1-52-01)

This project includes three roadway widening sections broken into three separate design/bid/build projects. The project limits are

from Memorial to south of Gunn Highway and include a complete reconstruction of the ITS facilities through the project. The new system will include fiber optic cable, closed-circuit television (CCTV) cameras, DMS, and detection devices. The existing system will be maintained through construction until the new devices can be brought on-line. Currently, the Turnpike's designer is working on the 90 percent plans and the lettings are scheduled for late 2012.

Contact: John Easterling (954) 934-1620

Freeway Management Systems

Traffic Management Centers (190717-1-52-03/04/05/08)

The Florida's Turnpike Pompano and Turkey Lake transportation management center (TMC) facilities provide 24-hours a day, 7-days a week staffing coverage. Incident management is accomplished utilizing 555 CCTV cameras; 15 highway advisory radio stations; 15 Citizen Band Radio Alert System stations; 58 DMSs along the Turnpike's mainline and connecting arterials; 21 DMSs on the Sawgrass Expressway and its connecting arterials; seven DMSs on SR 417 (Seminole Expressway and Southern Connector Extension); two DMSs on SR 429 (Western Beltway); three DMSs on the Beachline Expressway (SR 528); four DMSs on SR 570 (Polk Parkway); and six DMSs on SR 589 (Veterans Expressway/Suncoast Parkway). TMC team members work closely with Florida Highway Patrol (FHP) Troop K and other agencies to detect, verify, and mitigate incidents. TMC team members, under the supervision of advanced traveler information system team leaders at each facility, coordinate the State Farm Safety Patrol/Road Ranger operators by dispatching them on the Turnpike Mainline, Homestead Extension of Florida's Turnpike, Sawgrass Expressway (Toll 869), and Veterans Expressway (Toll 589) through the 800 MHz Statewide Law Enforcement Radio System (SLERS), an



FDOT ITS Program District Progress Reports



automatic vehicle locator (AVL) system and direct-connect communications. Florida's Turnpike Enterprise (FTE) is also an integral part of the Florida Statewide 511 Traveler Information Service. The TMC, in its role as the 24-hour communications hub for the Turnpike, performs essential duties to support FTE Rapid Incident Scene Clearance (RISC) and Specialty Towing and Roadside Repair programs.

Approx. Completion: Operations Ongoing

Contact: John Easterling (954) 934-1620 and Jim Hilbert (407) 264-3312

Traffic Management FHP Lake Worth Dispatch Center Operator

FTE TMC has committed staffing at the FHP Troop K, Lake Worth Dispatch Center, with two-plus full-time FHP dispatch TMC team positions, thus improving service to Turnpike customers. The FHP dispatch center is staffed by TMC team members during two shifts: from 6:00 a.m. to 2:15 p.m. and 2:00 p.m. to 10:15 p.m., seven days a week. FHP dispatch TMC team members work in conjunction with the Turnpike's TMC and facilitate sharing incident status information between FHP and the TMC. The TMC staff members work closely with FHP dispatch in tracking performance measures of the Specialty Towing and Roadside Repair (STARR) program. The coordination between FHP dispatch command, TMC team members, and FHP dispatchers and troopers enables the TMC to assume a more proactive role in incident management along its roadways in terms of emergency verification and response, dissemination of traveler information, and other agency notifications. This accurate and timely exchange of information has resulted in the enhanced operation of the Turnpike's ITS devices and more efficient resource sharing. The Turnpike TMC has two assigned console positions responsible for managing FHP's video wall control.

Approx. Completion: On-going

Contact: John Easterling (954) 934-1620 and Jim Hilbert (407) 264-3312

Incident Management

Turnpike Enterprise State Farm Safety Patrol (part of FDOT Road Ranger Program) (411451-1-78-02)

FTE's TMC dispatches State Farm Safety Patrol on the Turnpike Mainline, Homestead Extension of Florida's Turnpike, and the Sawgrass Expressway (Toll 869). Safety Patrol Road Rangers are also dispatched on the Seminole Expressway/ Southern Connector Extension (Toll 417), Beachline Expressway (Toll 528), Western Beltway (Toll 429), and the Veterans Expressway (Toll 589). State Farm Safety Patrol and Road Rangers provide free service. With an average monthly total of 660 hours, coverage hours range from 6 a.m. to 8 p.m., noon to 8 p.m., or 24/7 depending on the location along Florida's Turnpike system. Minimal 24/7 coverage is now maintained within the Miami-Dade, Broward, Palm Beach, and Orange Counties urban limits of Florida's Turnpike. The TMC dispatches units via the SLERS, 800 MHz (primary mode of communication) and Direct Connect (back-up communication) systems; the units are tracked via an AVL system that is integrated into the SunGuide® software. A three-year contract was awarded in 2009 to Florida Turnpike Services (FTS) for coverage on the Turnpike system, with provisions for new, tighter performance measure requirements. A new contract is being prepared for a late-2012 award and a February 1, 2013 implementation.

Approx. Completion: On-going

Contact: Jim Hilbert (407) 264-3312

Specialty Turnpike Towing and Roadside Repair

In June 2009, FTE implemented an innovative program to address its customers' towing and repair needs. Previously, by the eight service



FDOT ITS Program District Progress Reports



plazas along the Turnpike handled all towing and vehicle repairs. Under this unique program, the Turnpike is segregated into ten coverage sectors, designated by mile posts with towing and roadside repair contracts awarded to seven area contractors. The STARR contract is a cost-neutral contract for FTE, and requires the tow contractors to respond within 30 minutes or less in urban areas, and within 40 minutes in rural areas. These contracts are performance-based, requiring adherence to response times as noted in the contracts and provision of a high level of customer service and safety. Performance is measured and communicated to the contractors on a monthly basis, and each contractor is expected to meet their performance standards. Changes to the contract can be made according to contractors' ability to meet these standards. The last of three one-year renewals were awarded in June 2012.

Completion: On-going

Contact: Jim Hilbert (407) 264-3312

Rapid Incident Scene Clearance

The innovative RISC heavy-duty towing and recovery program was developed and implemented in 2004 to reduce the impact of major traffic incidents on Florida's Turnpike and to help meet Florida's Open Roads Policy goal to clear the roadway in 90 minutes or less. The RISC program is a major component of the Traffic Incident Management Enhancements program. RISC is an incentive-based program that pays qualified participating tow companies monetary bonuses for meeting quick clearance goals. In order to participate in the program, towing and recovery companies must meet equipment and training standards developed to ensure the safe and efficient clearance of major incidents. Recovery contractors are required to respond within 60 minutes to an incident and open the travel lanes within 90 minutes. If the travel lanes are not open within 150 minutes,

the contractor may be assessed liquidated damages. The TMC is the official timekeeper of RISC milestones, the primary contact for FHP, and the hub of traffic/incident management communications. Since the program's inception, it is operating at a 95 percent success rate in incidents where the vendor made its contractual arrival time and was used to clear the incident.

Completion: On-going

Contact: John Easterling (954) 934-1620 or Mike Washburn (954) 934-1621