



Broward / Miami-Dade Joint Regional Traffic Incident Management Team Meeting

TIM Meeting Minutes March 2010

Meeting Date: March 10, 2010

Meeting Time: 1:30 PM – 3:30 PM

Location: SMART SunGuide Broward RTMC
2300 West Commercial Blvd. 2nd Fl.
Ft. Lauderdale, FL 33309

Attendees: Listing Attached

Call Meeting to Order

Mike McGee of AECOM called the meeting to order and reviewed the meeting minutes and action items from the previous meeting.

Distributed Documents:

- Agenda

FHP Award to SMART SunGuide Broward Regional TMC – Bob Murphy, AECOM

Bob announced an award that the SMART SunGuide Broward Regional TMC received during the SMART SunGuide Outstanding Service Awards Ceremony that was held on February 15, 2010. The award was received from the Florida Highway Patrol Troop L for the installation of a satellite TMC in the FHP Troop Headquarters. The award reads as follows:

“The Florida Highway Patrol recognizes its partner, the Florida Department of Transportation District Four ITS Unit, for facilitating remote access to the Broward County closed circuit television network along I-75 Alligator Alley, I-95 and I-595. This valuable resource at Troop L’s Traffic Operations Center in Davie makes the highway patrol station one of the only stations in the southeastern United States with the ability to monitor a one-way evacuation plan from its own building. The CCTV network also allows command staff the ability to remotely monitor incidents, save on response time and improve deployment of FHP and FDOT resources.”

Review Action Items/Previous Meeting Minutes – Mike McGee, AECOM

The Broward County Aviation Department was requested to notify Florida Department of Environmental Protection agency when conducting airport drills and exercises. John O’Hara has confirmed that this protocol has been established.

Ramp IDs – In Palm Beach County ramp ID signs are going to be installed on I-95 and Indiantown Rd. Guy Francese has submitted the work order for FDOT Maintenance to install the ramp ID signs.

The fire hydrant sign design has been approved from FDOT Central Office, this item is still in progress.

BROWARD TIM UPDATES

TIM Outreach Video – Mike McGee, AECOM

Mike updated the team on the progress of the TIM outreach. He has visited 32 police, fire, and towing agencies in Broward. There will be approximately 2,980 prospective responders that will receive the TIM in’10 training.

Mike has also conducted agency outreach training which includes RISC, SIRV, and Road Rangers. Seven agencies have received command and/or incident responder training.

Road Ranger Program / Rapid Incident Scene Clearance (RISC) Program – Guy Francese, FDOT District Four Freeway Operations Manager

The Treasure Coast Road Ranger program is still delayed, and could be operational by summer 2010.

A RISC pamphlet has been created for distribution to all of FHP Troop L. This pamphlet will assist the Trooper on scene of an incident to determine if the incident qualifies for RISC.



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Guy stated that the Broward and Palm Beach Road Ranger programs will be advertised for new contracts in the coming months.

I595 Express Operations and Construction Update – Catherine Werner & Maggie Kirkpatrick

Maggie went over the project schedule.

- Execute Agreement occurred on March 3, 2009.
- Notice to Proceed 1 (Start Design) was March 3, 2009
- Broward County Greenway June 15, 2009
- Notice to Proceed 2 (Major Const./O&M) July 31, 2009
- Ground Mounted Noise Walls Sept. 22, 2009
- Major Roadway Construction Feb. 26, 2010
- Construction Complete July 2014

Preconstruction activities that are going to take place include Broward County Greenways System and sound barriers. The groundbreaking event took place on February 26, 2010.

Current lane closures include the designated u-turn from eastbound S.R. 84 to westbound S.R. 84 at Pine Island Road which is closed beginning Monday, February 22 at 9 p.m. through early fall 2010 to begin major roadway construction. Motorists will still be able to make the u-turn movement through the intersection.

Lane closures in the future will be the inside westbound lane of S.R. 84 between Nob Hill Road and Pine Island Road which will be closed on March 14th from 9:30 p.m.-5 a.m. On March 15th westbound S.R. 84 west of Pine Island Road will undergo a full closure from 1 a.m. to 2 a.m. to remove an overhead sign structure. Westbound S.R. 84 through traffic will be detoured at Pine Island Road to Broward Boulevard during the closure.

Emergency Access Gates - Since 2007 FDOT has been working with the Town of Davie Fire Chief and Battalion Chiefs to meet their needs as first responders. There will be five emergency access gates spaced at intervals throughout the Express Lanes and identified by signage. There will also be retractable gates which provide easy access and the gates are electronically operated from the Traffic Management Center.

Emergency Fire Suppression System - State-of-the-art system to service the entire length of the Express Lanes and it will enable the fire department to deliver water from hydrants along the south side of SR 84. The hydrant locations are being coordinated with Davie Fire Department.

Installation of Communication Equipment - CCTV and radio antennas have been installed on poles to connect to the portable work trailers.

Interim Traffic Management System – There will be 26 Portable Work Zones (PWZ), 12 Dynamic Message Signs (DMS), Eight portable DMS / CCTV / MVDS combinations, two Communication Repeater Sites, two CCTV / MVDS, and two MVDS. All equipment can be relocated to avoid construction phases and within construction areas. There will also be coverage of Florida's Turnpike between Peters Rd and Griffin Rd.

Catherine gave brief overview of I595 Express Operations.

I-595 Lanes Quarterly Average Roadway Clearance Duration (in minutes)

- October 41.45
- November 7.00
- December 9.76
- Average 19.4

I-595 Lanes Quarterly Average Incident/Event Clearance Duration (in minutes)

- October 41.80
- November 46.82
- December 53.80
- Total 47.47

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Highway Advisory Radio – Jason Trujillo, FDOT ITS Deployment

A highway advisory radio system is another way to communicate with the motoring public when there are incidents that affect the travel lanes. There are six permanent transmitters that cover all of I-75, I-95, and I-595. One portable transmitter is situated to cover I-75 Alligator Alley area out west. Messages are broadcasted on 1660 a.m.

Roadway Weather Information System (RWIS) – Jason Trujillo, FDOT ITS Deployment

RWIS is a tool that will be used to detect the visibility on certain roadways, the intensity of rain, and the conditions of the roadways. March 11 will be the awarding of the contract for the I-75 Safety project where seven RWIS devices will be used. The RWIS will assist in disseminating information faster to agencies and motorists. There are proposals being created for US 27 that will be considered for the 2011 budget year.

FDOT Construction – Mike McGee, AECOM

I-95 IN SOUTHERN FORT LAUDERDALE

TRAFFIC IMPACT: I-95 will have up to three northbound lanes closed for a mile at a time from the I-595 connector ramp to north of Broward Boulevard along with a lane on the I-595 connector ramp to I-95 northbound overnight between 10 p.m. and 6 a.m. Sunday through Thursday nights.

DESCRIPTION: Improvements in this two-mile-long section of I-95 will consist of repaving all lanes along with connector ramps from I-95 south to I-595, from I-595 east to I-95 north and all ramps at the Davie and Broward Blvd interchanges. A noise barrier wall has been built in the northeast quadrant.

COMPLETION: Summer 2010.

I-595/I-75/SAWGRASS EXPRESSWAY INTERCHANGE

TRAFFIC IMPACT: The I-75 connector to the Sawgrass Expressway will have two northbound lanes closed, with one lane remaining open, overnight from 8 p.m. to 6 a.m. Sunday night, March 7, through Thursday night, March 11.

DESCRIPTION: Major renovations will be made to 10 connector ramps (bridges) in the I-595/I-75/Sawgrass Expressway Interchange in the Davie-Weston area.

COMPLETION: Summer 2010.

I-75/ALLIGATOR ALLEY WEST OF U.S. 27 IN THE EVERGLADES

TRAFFIC IMPACT: I-75 will have an eastbound lane closed for three miles at a time Monday, March 8, through Saturday, March 13, from 7 a.m. to 6 p.m.

DESCRIPTION: I-75 will in each direction be repaved, and inside shoulders will be widened.

COMPLETION: Mid May 2010.

US 41 Construction Broward /Collier County Line – David Phillips, Kiewit

This 2 ½ year project will include road reconstruction, installation of a one mile bridge to allow water to move naturally from North to South. When lane closures occur there will be only one lane available. Communication and notifications with District 1, 4, and 6 will need to be coordinated for when I-75 is shut down. This project is environmentally sensitive and will be run by US Army Corp Engineering and FDOT.

MIAMI-DADE TIM UPDATES

I-95 Express Lanes – Joe Snyder, AECOM / FDOT District 6 TMC

Southbound tolling operation began on January 15, 2010. Incident Management workshops have been conducted and meetings with partnering agencies were coordinated. Protocols and established agreements were developed. The quick clearance policies and Incident Management plan were updated. Video sharing opportunities were discussed. There is FHP Enforcement from 6am – 10pm, Monday through Friday. The Incident Response Vehicle Operators are staffed from



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5:30am to 9:30pm, Monday through Friday. The typical response is a flatbed tow and truck support that respond to any event on I-95.

Benefits of I-95 Express Lanes – Trip Reliability is greater than 45 miles per hour 99% of the time and 95% during peak travel times. Improving overall speed southbound express lanes average peak period speed is greater than 11 miles per hour in southbound non-express lanes, northbound express lanes average during peak period a speed of greater than 15 miles per hour in northbound non express lanes. Travel lane blockage duration is down by 55% and response times duration is down by 19%.

Ramp Signaling - I-95 southbound ramp signaling operations will begin on April 14, 2010. There are 12 sites from Ives Dairy Rd to NW 62nd Street. I-95 northbound ramp signaling operations currently has eight sites from NW 62nd Street to Golden Glades Interchange with two additional sites that will be operational starting April 14, 2010 which will be located at Miami Gardens Drive and Ives Dairy Road. Hours of operations are southbound scheduled from 6am – 10am, northbound typically from 3pm – 7pm. There is a dedicated Ramp Signaling Operator per shift. Outreach and training will include MDTS&S coordination and training, refresher training with FHP, staff training, and local agency outreach.

TIM Team Update –

- 18 agency outreach meetings/teleconferences
- Published 2 Quarterly Newsletters
- Provided additional training for 95 Express and RISC initiatives
- TMCAT Database (TIM Calendar published to www.sunguide.org)
 - 41 Lessons Learned/Action Items
 - 25 Resolutions
- Key Events
 - Miami Dade Fire Rescue Workshop
 - Develop RISC Boundaries Map
 - IM Workshops for Express Lanes
- Lessons Learned/Action Items
 - Modify FHP Notification Protocols and Procedure
 - Communicate Directly with the Dispatcher in Charge for Large Scale Events
 - Revisit RISC Protocols and Conduct Periodic Refresh Training
 - Additional RISC Training to Troopers and other Agencies
 - Providing RISC Vendor an Exact Route to Access the Event
- Five Rapid Incident Scene Clearance (RISC) Events from July 2009 to Feb 2010
 - Average Arrival Time 51 Minutes
 - Average Lane Blockage Clearance 54 Minutes
 - Average Incident Clearance Time 146 Minutes

New Road Ranger Contract – Began January 1, 2010 it includes pick-ups, tow trucks, flatbed tow trucks, and a supply vehicle. The goal is to move toward Incident Management instead of motorist assistance. Additional training includes IM SOG's, a written exam, and a practical exam.

Cross County Line Travel Times - Broward RTMC and SunGuide TMC have a connection and sharing of detector data through fiber backbone. Some challenges include network connectivity, SunGuide configuration, and coordination and agreements. Currently travel times are being posted on two DMS one in District Six and one in District Four. An FIU student conducted a Travel Time Validation Study.

Miami-Dade Expressway Authority – Jerry Cosme, AECOM/MDX

Current ITS Field Devices

| ROADWAY | CCTV | DETECTORS |
|---------|------|-----------|
| SR 836 | 19 | 84 |
| SR 924 | 7 | 13 |
| SR 112 | 7 | 8 |
| SR 878 | 4 | 21 |



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SR 874 9 (In Progress Mar 2010) 21 (In Progress Mar 2010)

MDX Open Road Tolling (ORT) – Currently in the process of implementing ORT on SR 924/Gratigny Parkway, SR 878/Snapper Creek Expressway, and SR 874/Don Shula Expressway. Existing Toll Plazas are on SR 924 and SR 874 and will be replaced by ORT gantry tolling sites. The milestone “Go Live” dates for ORT are SR 924 – June 7, 2010, SR 878 – July 17, 2010, SR 874 – July 17, 2010.

SR 874 Construction Project - \$63 Million dollar construction project slated for completion in the fall of 2011. Construction includes sound barrier wall installation, mainline widening to add capacity, improvements to the Killian Parkway

Interchange, ramp improvements, and a new steel bridge added for safe movement and capacity. Will also incorporate Open Road Tolling (ORT) gantries and remove existing Toll Plaza.

RISC Events - November 16th on 874 northbound beyond Toll Plaza – All lanes were closed with a multi-vehicle accident that included a garbage truck. On November 19th on the 836 westbound at LeJeune Rd – All lanes were closed with a multi-vehicle accident that included a rolled over box truck.

RISC Event Chronology

| Date | Location | Time of RISC incident notification | Arrival Time of Initial RISC Vendor | Initial RISC Vendor Arrival Time (min) | Arrival Time of Secondary RISC Vendor | Time of Notice to Proceed (NTP) | Total RISC Clearance Time (min) | Total Incident Clearance Time (hrs/min) |
|------------|-----------------------------|------------------------------------|-------------------------------------|--|---------------------------------------|---------------------------------|---------------------------------|---|
| 11/16/2009 | SR 874 NB beyond Toll Plaza | 15:03 | 15:38 | 0:35 | 15:47 | 16:12 | 0:38 | 3:07* |
| 11/19/2009 | SR 836 WB at LeJeune Rd | 7:18 | 7:48 | 0:30 | 7:58 | 7:51 | 0:33 | 3:00* |

FLORIDA’S TURNPIKE UPDATES

Safety – Goals include zero fatalities, improve safety for incident responders, improve safety for motorists/customers, scene safety, reduce congestion with Quick Clearance, reduce crashes, and reduce secondary crashes.

TIM Update – Mike Washburn of Florida’s Turnpike reviewed a graph showing the lane closure duration times from 2007 to 2009.

Safety Patrol / Road Rangers - Coverage includes the Turnpike Mainline with 24/7 coverage in Broward and Miami-Dade, Sawgrass Expressway/Toll 869, Seminole Expressway/Toll 417, BeachLine/Toll 528, and Veterans Expressway/Toll 589.

| State Farm Safety Patrol / Road Ranger Motorist Assists | | | | | | | | | | | | |
|---|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| 2009 | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun |
| Accidents | 456 | 440 | 521 | 342 | 436 | 505 | | | | | | |
| Debris Removal | 1671 | 1656 | 1633 | 1970 | 2167 | 2351 | | | | | | |
| Motorist Assists | 4494 | 4517 | 4194 | 4703 | 5253 | 5812 | | | | | | |
| Total | 6621 | 6613 | 6348 | 7015 | 7856 | 8668 | | | | | | |

RISC Program – The response portion of RISC has some updated requirements which include one recovery wrecker to arrive within 45 minutes and the second wrecker & support vehicle to arrive within 60 minutes. Liquidated damages are after 150 minutes from the Notice to Proceed (NTP) then time penalty starts. Equipment changes are instead of one 50-ton wrecker, a contractor will respond with two 50-ton wreckers, where one is a rotator. Support equipment will be front-end loaders, sweepers, and MOT. There have been 430 activations since 2004 with greater than 90 percent clearance time.

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Towing and Roadside Repair Service Program (TARR) – A new contract was put in place on June 15, 2009. There are dedicated tow vendors with assigned sectors. There is a certified response equipment inspection for class A, B, and C wreckers as well as performance-based with 30-minute response time, training and certification, Quick Clearance training, FHP Troop K dispatched, InstaTow – Expedites dispatch.

Florida's Turnpike Safety Patrol Incident Response Truck (IRT) –

- Zone 3 from NW 41st Street (MP 29) to Hollywood Boulevard (MP 49) 24 hours a day, seven days a week.
- Centrally located in the Miami-Dade/Broward area - able to respond to major incidents in adjacent zones.
- Operator trained in quick clearance operations, emergency traffic control, vehicle fluid spill mitigation and related techniques.
- The IRT is equipped with a Dynamic Message Sign.
- IRT, with its 16,000 GVWR, is better able to relocate disabled or crash vehicles from travel lanes, allows more storage of supplies and equipment.
- Provides additional emergency traffic control capability at incidents, enhanced spill cleanup capabilities, and better tools for clearing vehicles from travel lanes.

| Equipment Carried | IRT | Pickup |
|--------------------------|------------|---------------|
| DMS / Arrow panel | DMS | Arrow panel |
| Traffic Cones | > 20 | 16 |
| Stop / Slow paddle | 1 | No |
| Spill absorbent | 6 bags | 2 bags |
| Spill control pads | 1 bale | No |
| Spill absorbent pillows | 6 | No |
| Catch basin covers | 2 | No |
| booster jumper pack | 1 | 1 |
| Extension cord, 50' | 1 | No |
| Debris / leaf blower | 1 | No |
| Sledge hammer | 1 | No |
| Axe | 1 | No |
| Chains, hooks and clevis | 1 set | No |

JOINT TIM TEAM UPDATES

Southeast Florida Regional TMC Operations Committee / 511 – Joe Snyder, AECOM/District Six

Joe described what SEFRTOC is and the purpose of the meetings. SEFRTOC is working on a protocol for VIP and dignitary motorcades to make the process more streamlined. SEFRTOC is in the process of updating the standard operating guidelines (SOG). FDOT District Six participated in the Pro Bowl and Super Bowl; the TMC monitored traffic and ensured that motorists traveled safely.

I-95 Corridor Coalition Quick Clearance Training – Mike McGee, AECOM

In February, the I-95 Corridor Coalition offered free training to first responders on quick, safe clearance of the roadways. There were approximately 85-90 attendees. More information on this workshop can be found on the I-95 Corridor Coalition website, <http://www.i95coalition.org/i95/Training/QuickClearanceWorkshop/tabid/188/Default.aspx>.

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Statewide TIM Update – Paul Clark, FDOT Central Office

TIME 4 Safety and TIM in '10 Initiative - TIM in 10 was endorsed by Florida Police Chiefs, Florida Fire Chiefs Association, and Florida Sheriff's Association (pending). TIME 4 Safety video has approximately 21,500 Incident Responders in FL committed to the training. The TIME 4 Safety video has been distributed to approximately 160 Florida State Law Enforcement, Local Sheriff's, Local Police Departments, Fire Rescue, etc. 28 states (including State Police, Local Police, Sheriff Agencies, Military and National Parks Service L.E.), and Australia and Canada.

The TIME 4 Safety video is also pending acceptance from FDLE as Continuing Education Units for Law Enforcement and looking at making this a mandatory training for new recruits. CUTR MOT Course is currently being converted to a Computer Based Training (CBT).

Road Ranger Survey – There have been 792 responses received.

- District One – 17% response
- District Two – 10% response
- District Four – 15% response
- District Five – 16% response
- District Six – 16% response
- District Seven – 12 % response
- Florida's Turnpike Enterprise – 14%

Paul went over the different responses per responder group and found

- 623 responses were FHP
- 94 responses were other law enforcement
- 52 responses were Fire Rescue / EMS
- 23 responses were from Other

Post Incident Analysis Debriefing – Mike McGee, AECOM

Mike McGee did a presentation on a crash that occurred on US 27 that involved a tractor trailer and a truck towing a livestock trailer. The incident happened on February 8, 2010 at 10:23 pm. As a result of the crash, there was a driver fatality and the deaths and injuries of dozens of farm animals. One of the first priorities while FHP dealt with the crash/fatality investigation was the recovery (herding, corralling, and roping) of surviving loose animals that ranged up and down US 27 in the dark. Aside from the fatality, the roadway could not be opened until the animals were captured or additional motorists and animals faced danger. Jason Fox from A Superior Towing was on hand performing a roping demonstration of the skills he put to use the night of the crash. Severely injured animals were left untreated and were not euthanized for approximately five hours. Assistant Chief Leslie Kastner of Southwest Ranches Volunteer Fire Department, also a member of ESF-17 ((954) 831-3911), which is the animal protection services of the State Warning Point, spoke about the need and the authorization for euthanasia in this type of event and for any future events like this one. The recovery of the animal carcasses then became a matter of concern as bio-hazardous waste, because Broward County landfills have regulations for the limited disposal of animal carcasses.

Action Items:

None at this time



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Meeting Attendees

| | |
|--------------------------------|--|
| Alex Ramos | Sunshine Towing Road Rangers |
| Bernard Devlin | Cliff Berry Inc |
| Billy Combs | NAVTEQ Traffic |
| Bob Murphy | AECOM/FDOT D4 TMC |
| Carolina Terife | ICA |
| Catherine Werner | I595 Express |
| Charles Robbins | AECOM/FDOT D6 TMC |
| Chuck McGinness | AECOM Treasure Coast TIM Coordinator |
| Craig "Mud" Waters | FDOT D4 Maintenance |
| David Phillips | Kiewit |
| David Ramil | PIO 826/836 Miami |
| Dee McTague | AECOM/FDOT D4 TMC |
| Ed "Mac" McKissack | Florida's Turnpike |
| Erich Bundy | Kauff's Towing |
| Felix Delgado | FDOT D4 Traffic Operations |
| Gary Warren | US Dept. of Homeland Security |
| Gerald Kleynhans | DBI |
| Gilbert Soles | FDOT D4 Safety |
| Glenn Margoies | Broward County Emergency Management Division |
| Guy Francese | FDOT District Four Freeway Ops Manager |
| Hugh Johnston | American Compliance Technologies |
| Jason Fox | A Superior Towing |
| Jason Trujillo | FDOT District Four ITS Deployment Manager |
| Javier Rodriguez | FDOT District 6 |
| Javier Rolon | ICA |
| Officer JD Drucker | Sunrise Police Department |
| Chief Jeff Moral | Tamarac Fire Rescue |
| Jeff Scott | Broward County Transit |
| Jerry Cosme | AECOM/MDX |
| Joe Snyder | FDOT District 6 |
| John O'Hara | Broward County Aviation Department |
| Karl George | Davie Fire Rescue |
| Kenneth Young | AECOM/FDOT D4 TMC |
| Lawrence LaTorre | Hollywood Fire Rescue |
| Assistant Chief Leslie Kastner | Southwest Ranches Volunteer Fire Department |
| Lotti Brown | Broward County Emergency Management Division |
| Marcos Ingles | ICA |
| Sgt. Mark Wysocky | FHP Troop L |
| Mike Brennan | Hollywood Police Department |
| Mike McGee | AECOM/Broward-Palm Beach TIM Coordinator |
| Mike Millard | SRS 511 Help Center |
| Paul Clark | FDOT Central Office |
| Paul Davis | PDVN |
| Raul Corbo | Anchor Towing |
| Ron Cooper | Broward County Animal Care |
| Rossi Gaudio | AECOM/FDOT D6 TMC |
| Scott Fry | Fort Lauderdale Police Department |
| Scott McInness | Sal's Towing |
| Tom Dickson | AECOM/SIRV |
| Vincent Valdes | Anchor Towing |
| Officer W. Howard | Sunrise Police Department |
| Captain Warren Fast | FHP Troop L |