



Change Management Board Meeting

October 27th, 2009

Video Conference: CO- Burns Video Bridge 1

Audio: 850 - 414 - 4977 or 866 - 374 - 3368 ext 4977

10/27/2009

Change Management Board



Welcome and Call for Quorum

Peter Vega, CMB Chairman

10/27/2009

Change Management Board



Agenda



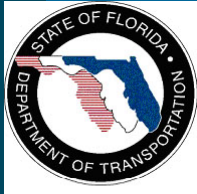
Time	Item	Lead
1:30 - 1:35	Welcome and Call for Quorum	Vega
1:35 - 1:50	Previous Meeting Recap and Action Item Review	Vega
1:50 – 2:00	SunGuide Software Re-advertisement	Krishnamurthy
2:00 – 2:10	SunGuide Release Update R 4.2.2 Patch 2; R 4.3 and R 5.0	Krishnamurthy
2:10 – 2:30	Performance Measures	Packard
2:30 – 2:45	SunGuide Enhancement R 4.3: 95EL <i>(Vote)</i>	Heller
2:45 – 3:00	SAE Code Update <i>(Vote)</i>	Gaarder
3:00 – 3:15	Arterial Signal Module	Vega
3:15 – 3:30	SunGuide Enhancement: Incident Severity (FP 1280) <i>(Vote)</i>	Krishnamurthy



Agenda (cont')



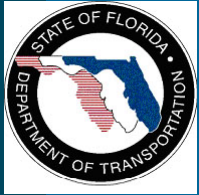
Time	Item	Lead
3:30 – 3:45	SunGuide Enhancement: Congestion across County Lines (FP 497) <i>(Vote)</i>	Heller
3:45 – 3:55	SunGuide Release Upgrade Procedures w/ FL-ATIS	Krishnamurthy
3:55 – 4:10	ITS WAN and FHP CAD Update	Pierce & Krishnamurthy
4:10 – 4:20	Other Districts' Issues	Vega
4:20 - 4:30	Closing and Action Item Review	Vega



Change Management Board

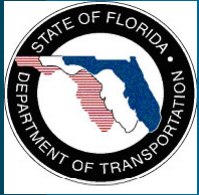
Previous Meetings Recap and Action Items Review

Peter Vega



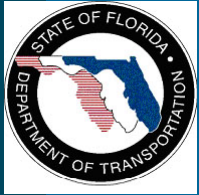
July 07 09' CMB Action Items

- Central Office to coordinate with FHP and CO - Telecommunication section (Randy Pierce) for FHP CAD connectivity to Districts.
- Central Office to find out the statewide policy on how long the FHP CAD alerts should be stored.
- CO to find out the policy from FHP whether it is allowed to store the FHP CAD data
- District 4 (Dee) to send "Roadway Damage" report to Districts for reference. Complete.
- City of Tallahassee (Wayne Bryan) to provide VPN access to District 2 (Pete Vega) as a result of the meeting with C. Williams. Details of level of access will be discussed in the meeting.



July 07 09' CMB Action Items

- SwRI to come up with a new requirement for TSS generating an alarm every time the speed AND/OR (configurable in Admin Editor) occupancy of a link crosses a specified threshold (slides 89, 90, 91)
- Districts to review "Right click menu" proposal and provide feedback to Central Office.
- CO to coordinate with Districts on SunGuide training.
- Develop requirements for SunGuide Software Release 4.3 – Response Plans Enhancement.
- Develop requirements for SunGuide Software Release 4.3 – Express Lanes Enhancement.

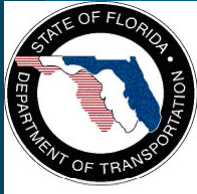


Change Management Board



SunGuide Software Re-advertisement

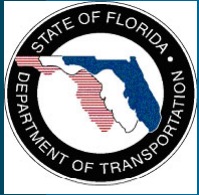
Arun Krishnamurthy



SunGuide Re-Advertisement



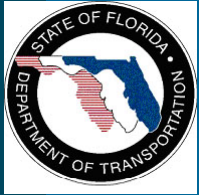
- **Current SunGuide Software contract:**
 - NTP in Oct 2003, for 5 year term;
 - One- year renewed in Oct. 2008;
 - Nine- month renewed in Oct. 2009; and
 - The contract ends at the end of June 2009.
- **From Procurement Office:** *The secretary has made it clear that multi-year contracts (3+ years) are not to be renewed but re-advertised unless specific pre-approval is given for renewal*
- **Key schedule:**
 - Advertisement posted Dec. 2009;
 - Contractor selected April, 2010



Change Management Board

SunGuide Release Update: R 4.2.2 Patch 2; R 4.3 and R 5.0

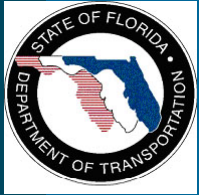
Arun Krishnamurthy



SunGuide Releases Update



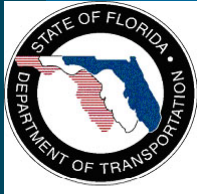
- R 4.2.2 Patch 2:
 - Mark IV DMS driver for FTE;
 - Funded by FTE;
 - Schedule:
 - FAT conducted at TERL on Oct. 22 successfully;
 - IV&V: at FTE on Oct. 29, 2009;
 - Release: early Nov. 2009



SunGuide Releases Update (cont)



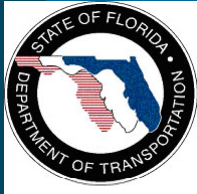
- R 4.3:
 - 95 EL Enhancement;
 - Polling Failed Devices Enhancement;
 - Excessive TSS Alarms Recovery Threshold Enhancement;
 - Weather Alert Enhancement;
 - Incident Severity Enhancement;
 - Floodgate Enhancement
 - Schedule:
 - Design Review: Week of Nov. 16, 2009;
 - FAT: Week of January 18, 2010;
 - IV&V: Week of February 1, 2010;
 - Release: Week of February, 2010



SunGuide Releases Update (cont)



- **R 5.0:**
 - **Response Plan Enhancement;**
 - **Map Enhancement;**
 - **Schedule:**
 - **Design Review: Nov.- Dec., 2009;**
 - **FAT: End of February, 2010;**
 - **IV&V: Mid March, 2010;**
 - **Release: March, 2010**

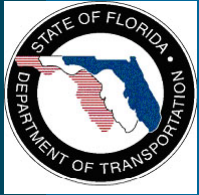


Change Management Board



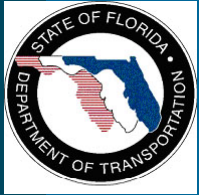
Performance Measures

Clay Packard



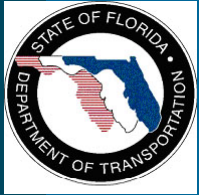
PM Reports Enhancements

- In response to following District comments:
 - Need to account for ALL Responders
 - Too many flagged events
 - Need to account for special cases
- Proposed Enhancements
 - Includes ALL Responders
 - Drastically reduced number off flagged events
 - Enhanced clarity
 - Easy to install/use/deploy statewide (no CR SP bug)



PM Quarterly Reports Changes

- Title updated to:
 - Performance Measures Summary Report
 - Performance Measures Flagged Events Report
 - Performance Measures Full Detail Report
- Flagged and Full Detail reports broken into two separate reports and only list events to aid in brevity
- “Negative Threshold” was changed to 15 minutes
- No longer flagging events with null timestamps
- Summary report has two tables:
 - All Responders and Road Rangers Only
- Summary Report has only 2 charts:
 - Open Roads and Roadway Clearance
- Summary Report has event type break down of all events
- Minor format improvements



Installation



- No longer using stored procedure.
- Thus, the three rpt files work statewide.
- Simply use admin editor to add the report as usual



Examples



Quarterly Incident Duration Performance Measures Summary Report Includes All Responders District 6 Reporting Period: April 1, 2009 to June 30, 2009



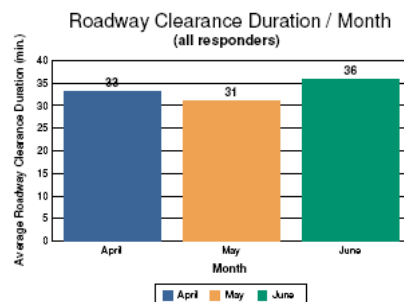
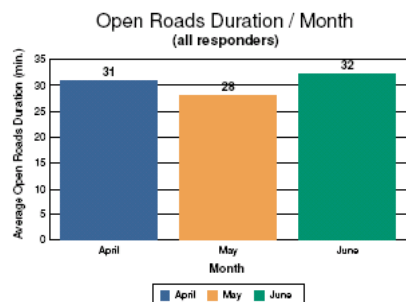
Created on: October 26, 2009 2:02 pm

All Responders

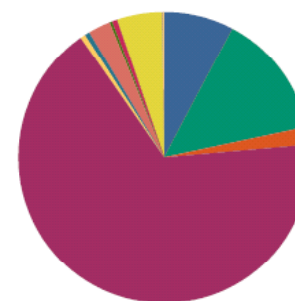
	Total	April	May	June
Events included in Performance Measures	811	253	306	252
A. Notification Duration (min.)	0.01	0.03	0.00	0.00
B. Verification Duration (min.)	0.30	0.09	0.46	0.33
C. Response Duration (min.)	2.71	2.09	2.66	3.40
D. Open Roads Duration (min.)	30.20	30.89	27.99	32.18
E. Departure Duration (min.)	21.06	19.91	24.74	17.74
Roadway Clearance Duration (min.)	33.23	33.09	31.11	35.92
Incident Clearance Duration (min.)	54.28	53.00	55.86	53.66

Road Rangers Only

	Total	April	May	June
Events included in Performance Measures	774	244	288	242
A. Notification Duration (min.)	0.01	0.03	0.00	0.00
B. Verification Duration (min.)	0.33	0.09	0.49	0.38
C. Response Duration (min.)	4.43	4.06	4.23	5.04
D. Open Roads Duration (min.)	27.08	25.03	26.01	30.41
E. Departure Duration (min.)	21.14	20.16	24.96	17.58
Roadway Clearance Duration (min.)	31.85	29.21	30.73	35.83
Incident Clearance Duration (min.)	52.99	49.37	55.69	53.41
Responder Dispatch Duration (min.)	1.35	0.92	1.05	2.14
Responder Response Duration (min.)	3.42	3.26	3.68	3.29



Percentage of Event Type



Abandoned Vehicle	7.7%
Congestion	0.1%
Crash	13.8%
Debris on Roadway	2.1%
Disabled Vehicle	66.8%
Emergency Road Work	0.3%
Emergency Vehicles	0.6%
Other	2.6%
Pedestrian	0.2%
Police Activity	0.6%
PSA	0.0%
Scheduled Road Work	5.0%
Special Event	0.1%
Vehicle Alert	0.1%
Visibility	0.2%
Weather	0.0%
Total:	100.0%

Event Type by Month

	Total	April	May	June
Total	9,688	3,055	3,614	3,019
Abandoned Vehicle	743	265	248	230
Congestion	12	0	2	10
Crash	1,334	419	512	403
Debris on Roadway	203	53	82	68
Disabled Vehicle	6,467	2,036	2,438	1,993
Emergency Road Work	32	8	10	14
Emergency Vehicles	58	16	21	21
Other	251	74	108	69
Pedestrian	17	3	7	7
Police Activity	60	13	33	14
PSA	3	1	2	0
Scheduled Road Work	480	150	140	190
Special Event	7	6	1	0
Vehicle Alert	5	4	1	0
Visibility	15	6	9	0
Weather	1	1	0	0



Examples



Incident Timeline Data

EVENTID SEVERITY	[1] FHP Notified	[2] TMC Notified	[3] Verified by TMC	[4] First Responder Arrival	[5] Travel Lanes Cleared	[6] Last Responder Departure	[DT] Responder Dispatched	[5] - [1] Roadway Clearance	[6] - [1] Incident Clearance
	A: [2 - 1] Notification Duration (mins.)	B: [3 - 2] Verification Duration (mins.)	C: [4 - 3] Response Duration (mins.)	D: [5 - 4] Open Roads Duration (mins.)	E: [6 - 5] Departure Duration (mins.)		[DT - 1] Dispatch Duration (mins.)	[4 - DT] Response Duration (mins.)	
203479 Severity 1	04/30 00:23:28 0.00	04/30 00:23:28 0.00	04/30 00:23:28 3.67	04/30 00:27:08 303.18	04/30 05:30:19 -302.50	04/30 00:27:49	04/30 00:24:30 1.03	2.63	306.85
203940 Severity 3	05/04 07:32:56 0.00	05/04 07:32:56 0.00	05/04 07:32:56 5.50	05/04 07:38:26 17,304.28	05/16 08:02:43 -17,304.00	05/04 07:38:43	05/04 07:33:46 0.83	4.67	17,309.78
203943 Severity 3	05/04 08:04:50 0.00	05/04 08:04:50 0.00	05/04 08:04:50 -0.83	05/04 08:04:00 204.68	05/04 11:28:41 -81.93	05/04 10:06:45	05/04 08:04:50 0.00	-0.83	203.85
203969 Severity 3	05/04 12:53:06 0.00	05/04 12:53:06 0.00	05/04 12:53:06 0.00	05/04 12:53:06 224.80	05/04 16:37:54 -148.87	05/04 14:09:02	05/04 12:53:06 0.00	0.00	224.80
204045 Severity 3	05/04 23:49:31 0.00	05/04 23:49:31 0.00	05/04 23:49:31 0.00	05/04 23:49:31 266.70	05/05 04:16:13 -100.17	05/05 02:36:03	05/04 23:49:31 0.00	0.00	266.70
204703 Severity 3	05/11 06:29:24 0.00	05/11 06:29:24 0.00	05/11 06:29:24 -5,728.40	05/07 07:01:00 5,804.50	05/11 07:45:30 4.12	05/11 07:49:37	05/11 06:29:24 0.00	-5,728.40	76.10
204873 Severity 1	05/12 11:17:52 0.00	05/12 11:17:52 0.00	05/12 11:17:52 -0.87	05/12 11:17:00 210.62	05/12 14:47:37 -189.48	05/12 11:38:08	05/12 11:18:43 0.85	-1.72	209.75
204975 Severity 1	05/13 10:04:07 0.00	05/13 10:04:07 0.00	05/13 10:04:07 9.90	05/13 10:14:01 289.67	05/13 15:03:41 -288.53	05/13 10:15:09	05/13 10:04:14 0.12	9.78	299.57
205246 Severity 2	05/15 10:40:54 0.00	05/15 10:40:54 0.00	05/15 10:40:54 0.00	05/15 10:40:54 156.32	05/15 13:17:13 -92.88	05/15 11:44:20	05/15 10:40:54 0.00	0.00	156.32
205667 Severity 1	05/19 09:33:14 0.00	05/19 09:33:14 0.00	05/19 09:33:14 10.42	05/19 09:43:39 208.52	05/19 13:12:10 -204.05	05/19 09:48:07	05/19 09:36:07 2.88	7.53	218.93
206000 Severity 1	05/21 22:48:06 0.00	05/21 22:48:06 0.00	05/21 22:48:06 0.00	05/21 22:48:06 373.00	05/22 05:01:06 -356.62	05/21 23:04:29	05/21 22:48:06 0.00	0.00	373.00
206361 Severity 3	05/25 04:57:39 0.00	05/25 04:57:39 0.00	05/25 04:57:39 0.00	05/25 04:57:39 191.53	05/25 08:09:11 -79.55	05/25 06:49:38	05/25 04:57:39 0.00	0.00	191.53

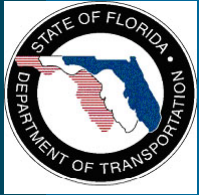


Examples



Incident Timeline Data (non-adjusted versus adjusted values)

EVENTID SEVERITY	[1] FHP Notified	[2] TMC Notified	[3] Verified by TMC	[4] First Responder Arrival	[5] Travel Lanes Cleared	[6] Last Responder Departure	[DT] Responder Dispatched	[5] - [1] Roadway Clearance	[6] - [1] Incident Clearance
	A: [2 - 1] Notification Duration (mins.)	B: [3 - 2] Verification Duration (mins.)	C: [4 - 3] Response Duration (mins.)	D: [5 - 4] Open Roads Duration (mins.)	E: [6 - 5] Departure Duration (mins.)	[DT - 1] Dispatch Duration (mins.)	[4 - DT] Response Duration (mins.)		
201649 Severity 1	04/12 16:47:17 0.00	04/12 16:47:17 0.00	04/12 16:47:17 2.82	04/12 16:50:06 7.97	04/12 16:58:04 17.25	04/12 17:15:19 0.63	2.18	10.78	28.03
	04/12 16:47:17 0.00	04/12 16:47:17 0.00	04/12 16:47:17 2.82	04/12 16:50:06 7.97	04/12 16:58:04 17.25	04/12 16:47:55 0.63	2.18	10.78	28.03
201652 Severity 2	04/12 17:35:27 0.00	04/12 17:35:27 0.00	04/12 17:35:27 3.05	04/12 17:38:30 31.22	04/12 18:09:43 11.40	04/12 18:21:07 0.93	2.12	34.27	45.67
	04/12 17:35:27 0.00	04/12 17:35:27 0.00	04/12 17:35:27 3.05	04/12 17:38:30 31.22	04/12 18:09:43 11.40	04/12 17:36:23 0.93	2.12	34.27	45.67
201673 Severity 2	04/12 23:35:20 0.00	04/12 23:35:20 0.00	04/12 23:35:20 0.00	04/12 23:35:20 50.63	04/13 00:25:58 1.52	04/13 00:27:29 0.00	0.00	50.63	52.15
	04/12 23:35:20 0.00	04/12 23:35:20 0.00	04/12 23:35:20 0.00	04/12 23:35:20 50.63	04/13 00:25:58 1.52	04/12 23:35:20 0.00	0.00	50.63	52.15
201685 Severity 3	04/13 07:26:46 0.00	04/13 07:26:46 0.00	04/13 07:26:46 -0.77	04/13 07:26:00 137.92	04/13 09:43:55 1.82	04/13 09:45:44 0.00	0.00	137.15	138.97
	04/13 07:26:00 0.00	04/13 07:26:00 0.00	04/13 07:26:00 0.00	04/13 07:26:00 137.92	04/13 09:43:55 1.82	04/13 07:26:00 0.00	0.00	137.92	139.73
201719 Severity 1	04/13 14:21:28 0.00	04/13 14:21:28 0.00	04/13 14:21:28 3.60	04/13 14:25:04 -3.17	04/13 14:21:54 54.02	04/13 15:15:55 0.52	3.08	0.43	54.45
	04/13 14:21:28 0.00	04/13 14:21:28 0.00	04/13 14:21:28 0.43	04/13 14:21:54 0.00	04/13 14:21:54 54.02	04/13 14:21:59 0.43	0.00	0.43	54.45
201725 Severity 1	04/13 15:42:56 0.00	04/13 15:42:56 0.00	04/13 15:42:56 0.07	04/13 15:43:00 2.53	04/13 15:45:32 48.27	04/13 16:33:48 0.97	-0.90	2.60	50.87
	04/13 15:42:56 0.00	04/13 15:42:56 0.00	04/13 15:42:56 0.07	04/13 15:43:00 2.53	04/13 15:45:32 48.27	04/13 15:43:54 0.07	0.00	2.60	50.87



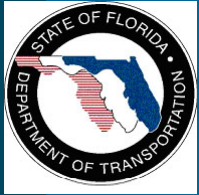
Change Management Board



SunGuide Enhancement:

R 4.3: 95 EL

Robert Heller



95EL Operational Enhancement



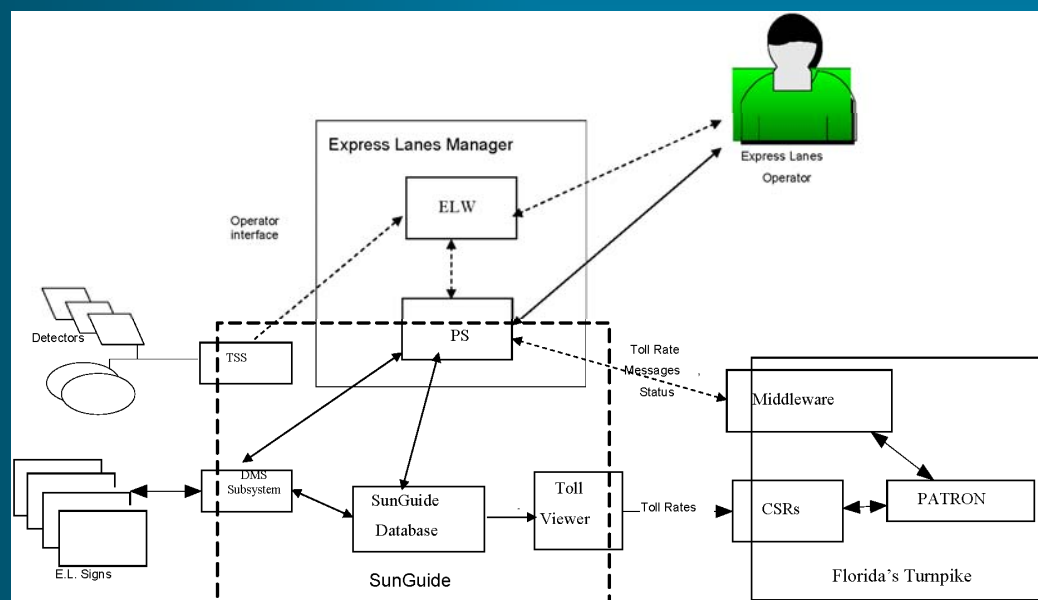
- **References:**
 - **Express Lane Operations Enhancements, Revision 3.2, August 31, 2009**
 - **SunGuide V4.3 SOFTWARE REQUIREMENTS FOR EXPRESS LANES OPERATIONS, VER 2, September 1, 2009**
 - **Standard Written Agreement Modification #21, September 30, 2009**

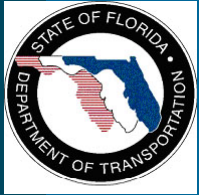


ELW – SunGuide Interface



- Primary purpose is to enhance 95EL operations
 - Development of Express Lanes Manager by AECOMM (enhancement of Express Lanes Watcher)
 - Terminology changes, Toll Viewer changes, off-line toll requests processing by Patron and SunGuide

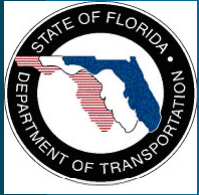




Requirements Groupings*

- Express lanes manager interface (XML messaging)
- Operation modes and processes
- Restart handling
- Express lanes DMS
- Database requirements
- Offline update synchronization
- Toll viewer updates

* There were 141 requirements written from the CONOPS



Cost & Schedule

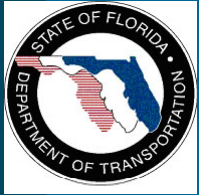
- **Cost: \$325, 921**
 - Includes 95EL modifications
 - Release preparations activities
- **Schedule**
 - Jan 18, 2010 FAT
 - Feb 1, 2010 Release to FDOT



SG Enhancement R 4.3: 95EL



- **Vote**

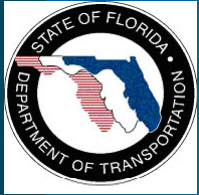


Change Management Board



SAE Code Update

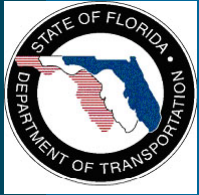
Erik Gaarder



SEA Code Update



- **Vote**

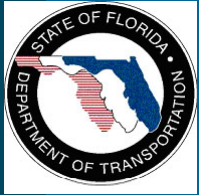


Change Management Board



Arterial Signal Module

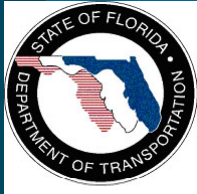
Peter Vega



Change Management Board

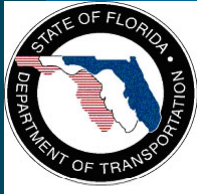
SunGuide Enhancement: Incident Severity (FP 1280)

Arun Krishnamurthy



Definition for FL-ATIS

- **References:**
 - Footprint Issue 1280: Incident Severity Definition for FL-ATIS, October 5, 2009
- **Current Incident Severity Definition**
 - Based on combination of Duration and No. of Travel Lanes Blocked.
- **Does not meet the FLATIS needs**
- **Discussions at 511 WGM and SSUG Meetings**



Definition for FL-ATIS



- Proposed Solution –
 - Maintain two separate incident severity levels

EM Event# 1370 - Windows Internet Explorer

Event # 1370 [-] collapse all [+] expand all

Administrative Details [Release Ownership] [Save]

Operator: cpackard
Date/Time Added: 8/24/2009 14:22
Status: Active
Status Last Updated: 8/24/2009 14:22

> **Contacts** There are currently no contacts.

Impact on Roadways [Save]

> **Event Location / Congestion** Leon on I-10 Eastbound, At MM 201 No Congestion

> **Lane Blockage** No lanes blocked.

Anticipated Clearance Time: [] minutes

Reporting & Dispatch [Save]

Organization: TERL TMC
Notifying Agency: TERL TMC
Notifier Contact: RRMA RRMA

> **Vehicle(s) Dispatch** There are currently no dispatched vehicles.

> **Procedural Error** There are currently no errors.

Event Details [Save]

FHP Incident #: []

Event Type: Crash [] HAZMAT [] Fire [] Rollover [] [Clone event]

FL-ATIS Incident Severity: Major
Intermediate
Minor
Unknown

Nearest CCTV: [] et [] Timestamp: 10/1/2009 7:30 [] No CCTV []

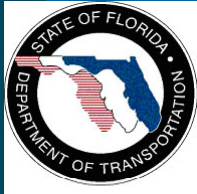
> **Vehicles Involved** There are currently no vehicles involved.

Link to Primary Event: N/A [] [Go to Primary]

Secondary Event: N/A [] [Go to Secondary]

Injuries: N/A []

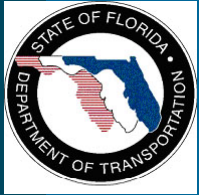
Notified by TMC [] FHP [] [] []
Other Responders



Definition for FL-ATIS

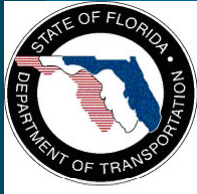
- Proposed FL-ATIS Incident Severity Levels

Severity Level	Proposed FLATIS Incident Severity Criteria
Unknown	N/A
Minor	Default
Intermediate	25% or Less of Travel Lanes or Exit Lanes Blocked
Major	Greater than 25% of Travel Lanes or Exit Lanes Blocked



Schedule and Cost

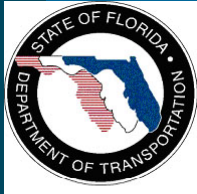
- Include in Release 4.3
- Cost \$5,545



SG Enhancement: FP1280



- **Vote**

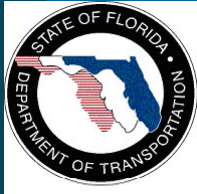


Change Management Board



SunGuide Enhancement: Congestion across County Lines (FP 497)

Robert Heller



FP 497: Multi-County Congestion



- **References:**
 - Footprint Issue 497: Allow Congestion to Cross County Lines, September 30, 2009
 - Standard Written Agreement Modification #21, September 30, 2009
- **By checking the congestion box (EM GUI), the counties are grayed out and cannot be changed**
 - Allows an operator to back the congestion to the furthest upstream point in count in which event occurs
 - If the congestion backs into adjacent county, event cannot be adjusted accordingly



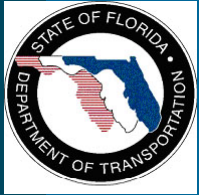
Event Congestion



- Entering event location “fixes” county, road and direction fields for congestion head and tail

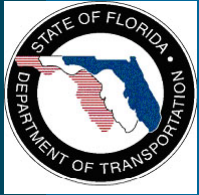
Event Location		Congestion Head	
County:	Broward	County:	Broward
Road:	I-595	Road:	I-595
Direction:	Eastbound	Direction:	Eastbound
Reference Point:	Nob Hill Rd	Reference Point:	Nob Hill Rd
Relationship To Exit:	at: Exit 3: Nob Hill Rd	Relationship To Exit:	before: Exit 3: Nob Hill Rd
Distance From Exit (ft): 0		Distance From Exit (ft): 0	
Mile Marker:		Mile Marker:	
☒ Congestion		☐ Congestion	
Alternate Roads: None		Alternate Roads: None	
☒ None		☐ None	
☐ Primary: SR-84/ Marina Mile		☐ Primary: SR-84/ Marina Mile	
Save Location / Congestion		Save Location / Congestion	

Congestion Tail	
County:	Broward
Road:	I-595
Direction:	Eastbound
Reference Point:	136th Ave
Relationship To Exit:	before: Exit 1A: SW 136th Ave
Distance From Exit (ft):	0
Mile Marker:	



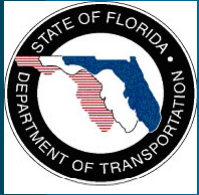
Historical Perspective

- Release 3.0 "FAT 2"
 - Original design allowed congestion to cross county line
 - Decision to "make it like Release 2.2"
- Implementation restricts head and tail to same county as event location



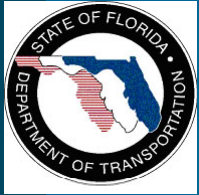
Proposed Solution

- **Resolution**
 - Determine counties with same road and direction
 - Populate county dropdown with list
 - Populate reference points based on county
 - Roadway and direction selectors remain disabled
 - Allow changes to “county”, “reference point”, “relationship to exit” fields
 - Do not allow modification to “road” and “direction”



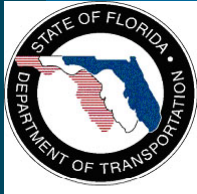
Issues with Solution

- **Primary issue is sort order of locations (EM GUI “relationship to exit”)**
 - EM enforces relationship between head and tail based on sort orders
 - To enforce between counties, cross county sort orders are necessary (change in configuration)
- **Roadways that change direction**
- **Cross jurisdiction (TMC) boundaries**
 - List of roadways in adjacent jurisdictions
 - Cross jurisdiction sort orders



Schedule and Cost

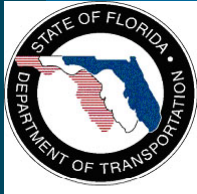
- Include in Release 4.3
- Cost \$25,191



SG Enhancement: FP497



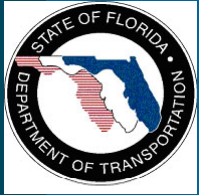
- **Vote**



Change Management Board

SunGuide Release Upgrade Procedures with FL-ATIS

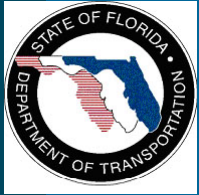
Arun Krishnamurthy



SunGuide Upgrade Procedures



- Each SunGuide upgrade has FL-ATIS and SunGuide implications.
- Recommendations to districts with each SunGuide Upgrade
 - Inform SunGuide and FL-ATIS CO PM's (Arun and Gene) *at least one week* regarding the upgrade plan.
- Work with FL-ATIS team to prepare a backup plan if SunGuide installation causes unexpected problems.
- Districts notify Central Office of any SunGuide interruption due to other planned and unplanned events.



Change Management Board



ITS WAN and FHP CAD Update

Randy Pierce
Arun Krishnamurthy

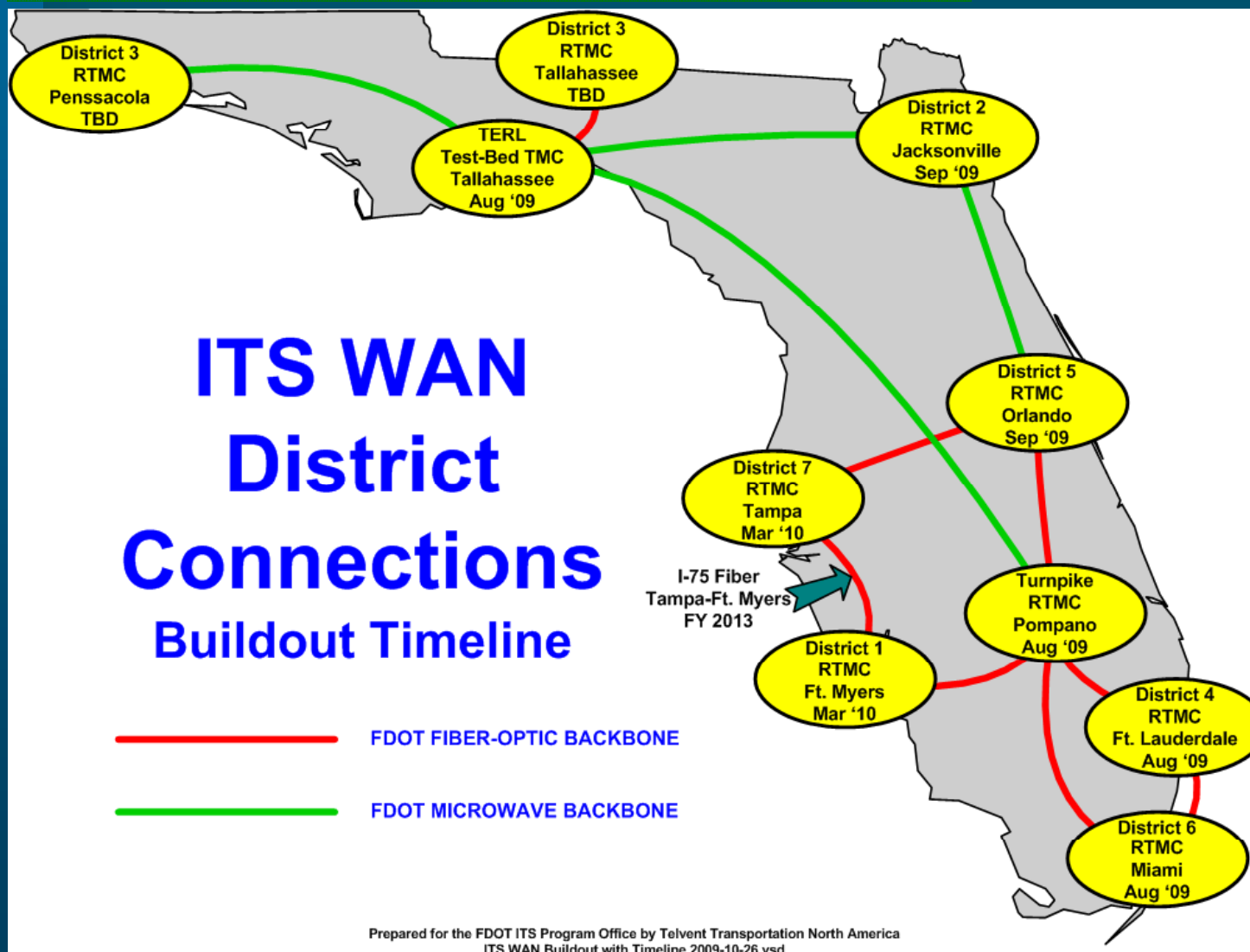


ITS WAN and FHP CAD Update

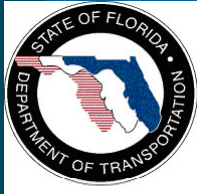


ITS WAN District Connections Buildout Timeline

- FDOT FIBER-OPTIC BACKBONE
- FDOT MICROWAVE BACKBONE



Prepared for the FDOT ITS Program Office by Telvent Transportation North America
ITS WAN Buildout with Timeline 2009-10-26.vsd

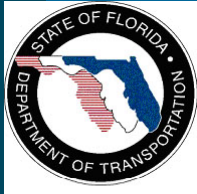


Change Management Board



Other Districts' issues

Peter Vega



Change Management Board



Closing and Action Item Review

Peter Vega