Change Management Board Meeting

Monday, May 11, 2015

Video Conference: CO-Burns Video Bridge 2

Audio Only: 850-414-3102

Do NOT Put On Hold **Call is Being Recorded**

GoToMeeting:
https://www2.gotomeeting.com/join/371021466

Welcome and Call for Quorum

Derek Vollmer, P.E., CMB Chairman

Agenda

Time	Item	Lead
1:30 – 1:35	Welcome and Call for Quorum	Derek Vollmer
1:35 – 1:40	Previous Meeting Recap & Action Item Review	Derek Vollmer
1:40 – 1:50	ITS WAN Update	Randy Pierce & Frank Deasy
1:50 – 2:05	SunGuide Software Update	Derek Vollmer
2:05 – 2:10	RITIS Update	Derek Vollmer
2:10 – 2:20	FL 511 DTN Weather Data Feed *(vote)*	Russell Allen
2:20 – 2:40	Waze Phase 2 *(vote)*	Clay Packard
2:40 – 3:00	Wrong Way Driving *(vote)*	Clay Packard

Agenda

Time	Item	Lead
3:00 – 3:10	Break	
3:10 – 3:40	SSUG Small Enhancements *(vote)*	Clay Packard
3:40 – 3:45	Statewide ITS Architecture Update	Derek Vollmer
3:45 – 3:55	Auto-Dismiss Already Detected Alerts Upstream (FP 2845) *(vote)*	Clay Packard
3:55 – 4:10	Road Ranger GUI Improvements (FP 2661/3040) *(vote)*	Mark Laird
4:10 – 4:25	Open Discussion	Derek Vollmer
4:25 – 4:30	Review Action Items	Derek Vollmer

CMB agenda, slides, and attachments posted here:

http://www.dot.state.fl.us/trafficoperations/ITS/Projects_Deploy/CMB.shtm

Previous Meetings Recap and Action Items Review

Derek Vollmer, P.E., CMB Chairman

Previous Meeting Action Items

1. FTE to prepare white paper to document their efforts and findings on WWD and send out draft by next CMB. (Open Action Item)
2. CO to look into getting C2C connection data into RITIS. (Open Action Item)
3. CO to follow-up on Google Traffic data possibilities. (Open Action Item)

Previous Meeting Action Items

4. ITS WAN to send IP Allocation Plan to all the Districts by the next CMB meeting. (Open Action Item)
5. CO to verify with Cambridge that HERE data won't be used for the annual report. (Open Action Item)
6. CO to distribute the SunGuide software GUI update schedule once they are received. (Open Action Item)

ITS Telecommunications Update

Randy Pierce & Frank Deasy, P.E.

ITS WAN Update

- FTE Tolls Middleware Application
  - FTE Tolls has requested a consolidated connection over the ITS WAN for all Districts
    - D6 has a Layer 3 Connection via ITS WAN
    - D4 still on separate Layer 2 Connection via separate FDOT fiber
  - FTE Tolls connection to the ITS WAN being upgraded to a Layer 3 connection with routing to support the 95Express project and future Managed Lanes projects
    - Southeast Fiber re-routing
      - D4 work is completed
      - Waiting for FTE approval to access splice enclosures
  - D5 to Turkey Lake – Redundancy connection
    - D5 work is completed
    - FTE fiber allocation along SR-528 is Green Buffer 33, 34, 35, and 36.

ITS WAN Update

- FL-ATIS & VAS
  - Complete
- Tallahassee Fiber Ring
  - Installation scheduled to begin on the week of May 11th, 2015
- FTE RTMC Pompano
  - No connectivity beyond FL-ATIS
- Multicast Re-Addressing
  - Districts should re-address their multicast devices now to resolve any overlapping addresses
  - D3, D4 & D6 completed their multicast addressing
  - D1, D5, D7 & MDX are in process
  - D2 and FTE not implemented at Layer 3 at this time
  - Multicast video can then be shared statewide

ITS WAN Update

- ITS WAN – District IP Re-allocation Effort
  - District 5 is actively migrating to assigned CIDR blocks and this step must be completed prior to statewide adoption.
  - District 6 and MDX are using new CIDR blocks for new deployments
- FTE Fiber Use Memorandum of Understanding Projects
  - Southeast Florida Fiber Deployment
  - Everglades Academy
  - District 5, Turkey Lake Redundancy Project
  - Managed Lanes / Tolls L3 redundancy Project

ITS WAN Update

- ITS WAN – D5 to D7 Backbone Upgrade
  - Prepare for the D5 – Turkey Lake Redundancy Project
  - Upgrade to 10Gig
  - Reallocate existing equipment to spare inventory
- ITS WAN's new nomenclature
  - Statewide ITS Network (SITSN)
  - Will encompass the 10 Gigabit fiber backbone and Upgraded Statewide Microwave

QUESTIONS?

Randy Pierce & Frank Deasy, P.E.

Randy.Pierce@dot.state.fl.us

Frank.Deasy@dot.state.fl.us

SunGuide Software Update

Derek Vollmer, P.E., FDOT

New Release 6.0 Hotfixes

- Hotfix 08 – FP 3119 – Nokia version 3.1.2 Support

- Hotfix 06 – FP 3018 – Response Plan Times in Database
- Hotfix 05 – FP 2912 – Add Filtering by C2C Network Id to DAR
- Hotfix 04 – FP 2922 – Wrong Way Driving

Release 6.1

- Schedule:
  - FAT completed week of September 22
  - IV&V began November 2014
  - IV&V Phase 2 completed March 2015
  - IV&V Phase 3 expected May 2015
  - Release expected 2nd Quarter 2015
- Changes Impacting Other Systems
  - C2C
  - Permissions via SAA

Release 6.2 Scope

- Planned:
  - Map out of Internet Explorer
  - Response Plan Enhancements
  - DMS Force Caps and Force Blank on Failure
  - Dismiss Redundant TSS Alerts
  - Arterial Probe Algorithm
  - Auto-Dismiss Already Detected Alerts (FP 2845)
    (Upstream Only modification pending approval)
  - Discontinuous Lane Blockage
  - Removal of Non-TSS Links (FP 2391)
- Pending Approval:
  - Wrong Way Driving
  - Waze Phase 2
  - Road Ranger GUI Enhancements
  - SSUG Small Enhancements

Status 6.0 Upgrades

- District 6 Upgraded to Release 6.0 on April 30
- MDX to schedule upgrade

QUESTIONS?

Derek Vollmer, P.E., FDOT

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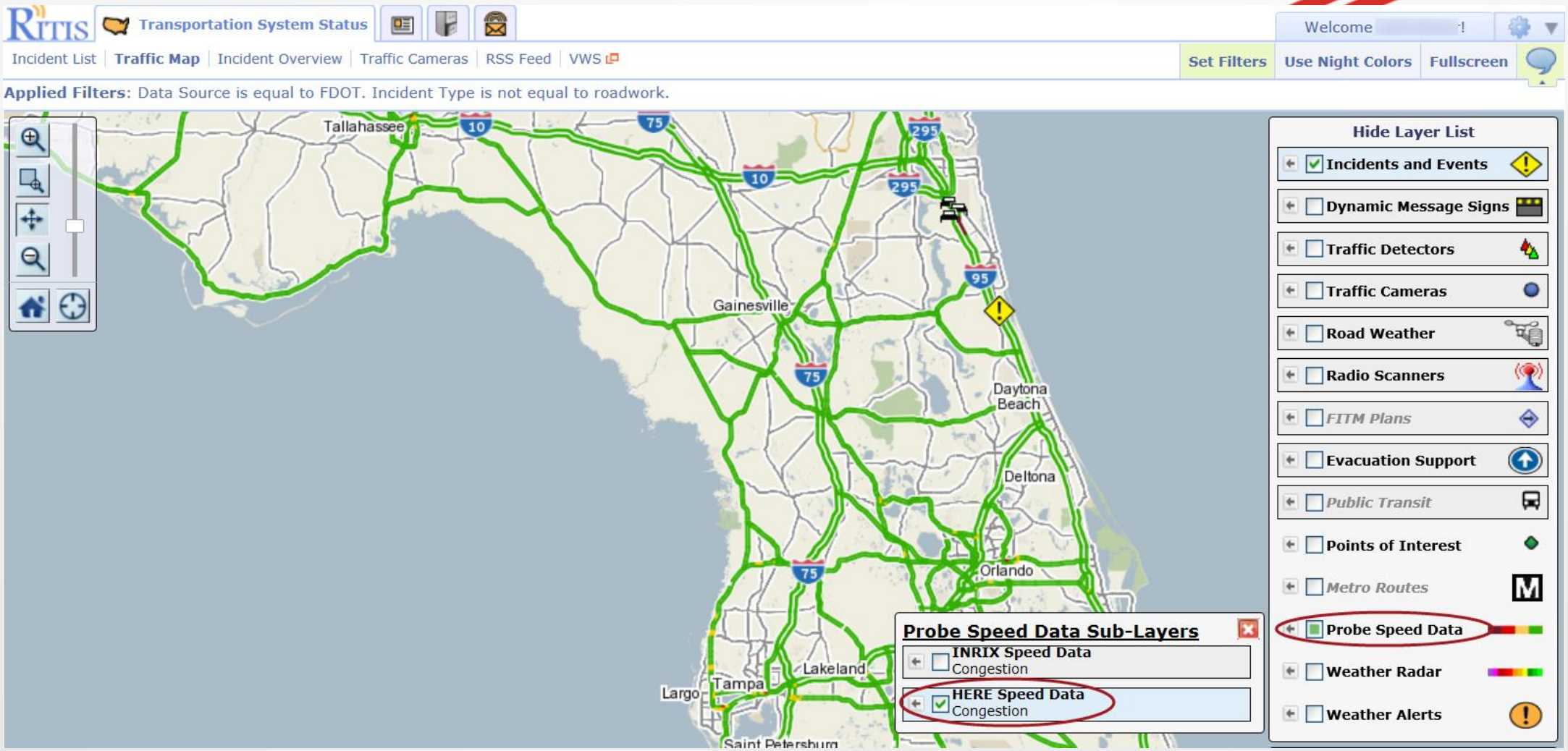
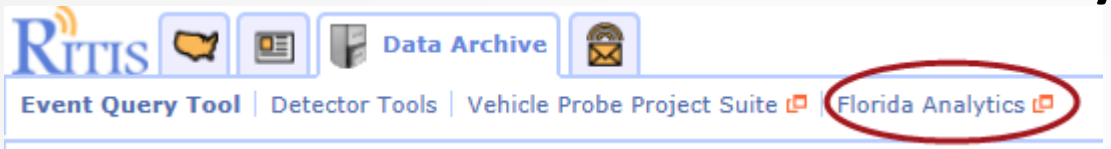
RITIS Update

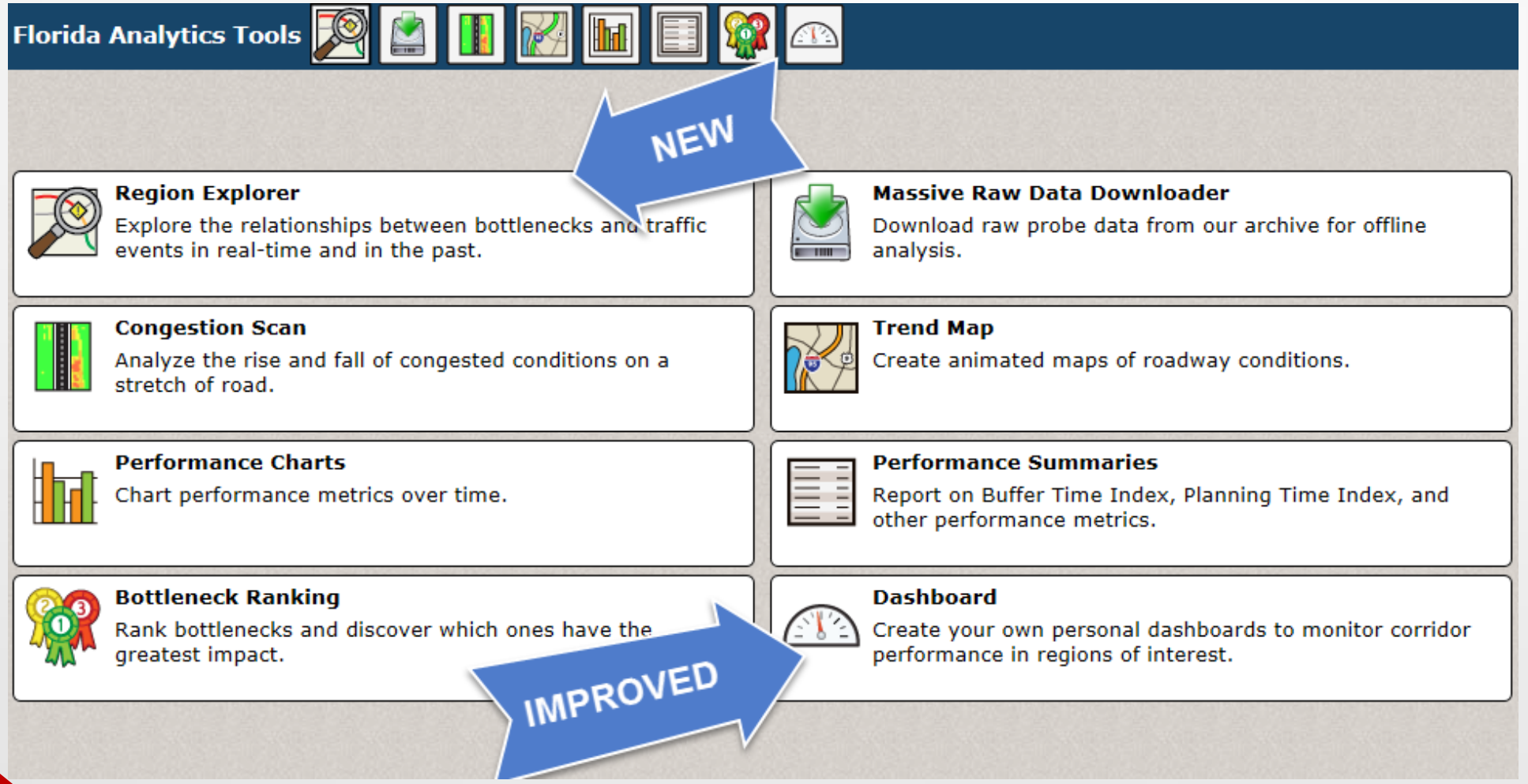
Derek Vollmer, P.E., FDOT

HERE Real-Time Data on Traffic Map

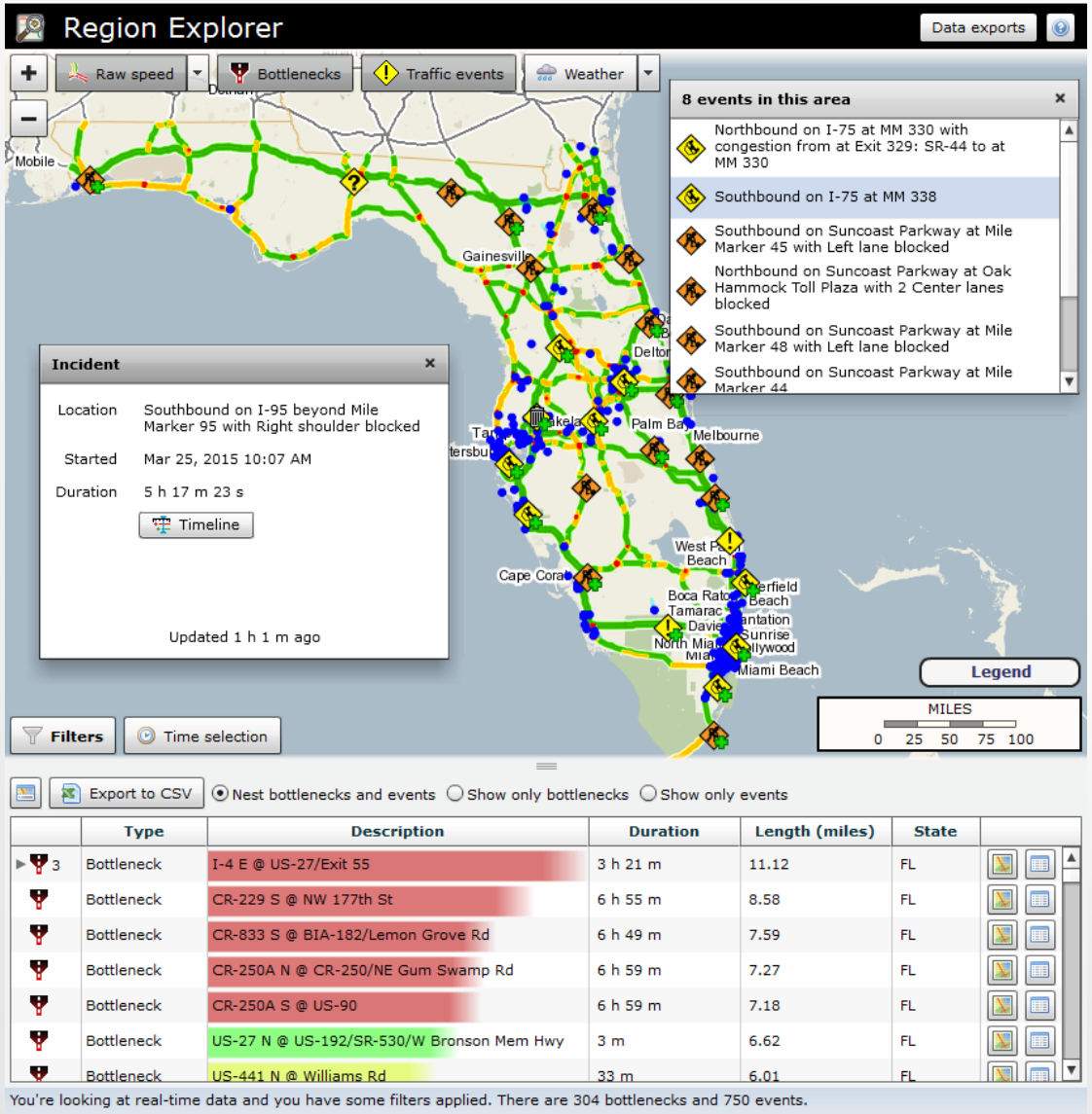


HERE Real-Time Data in Florida Analytics



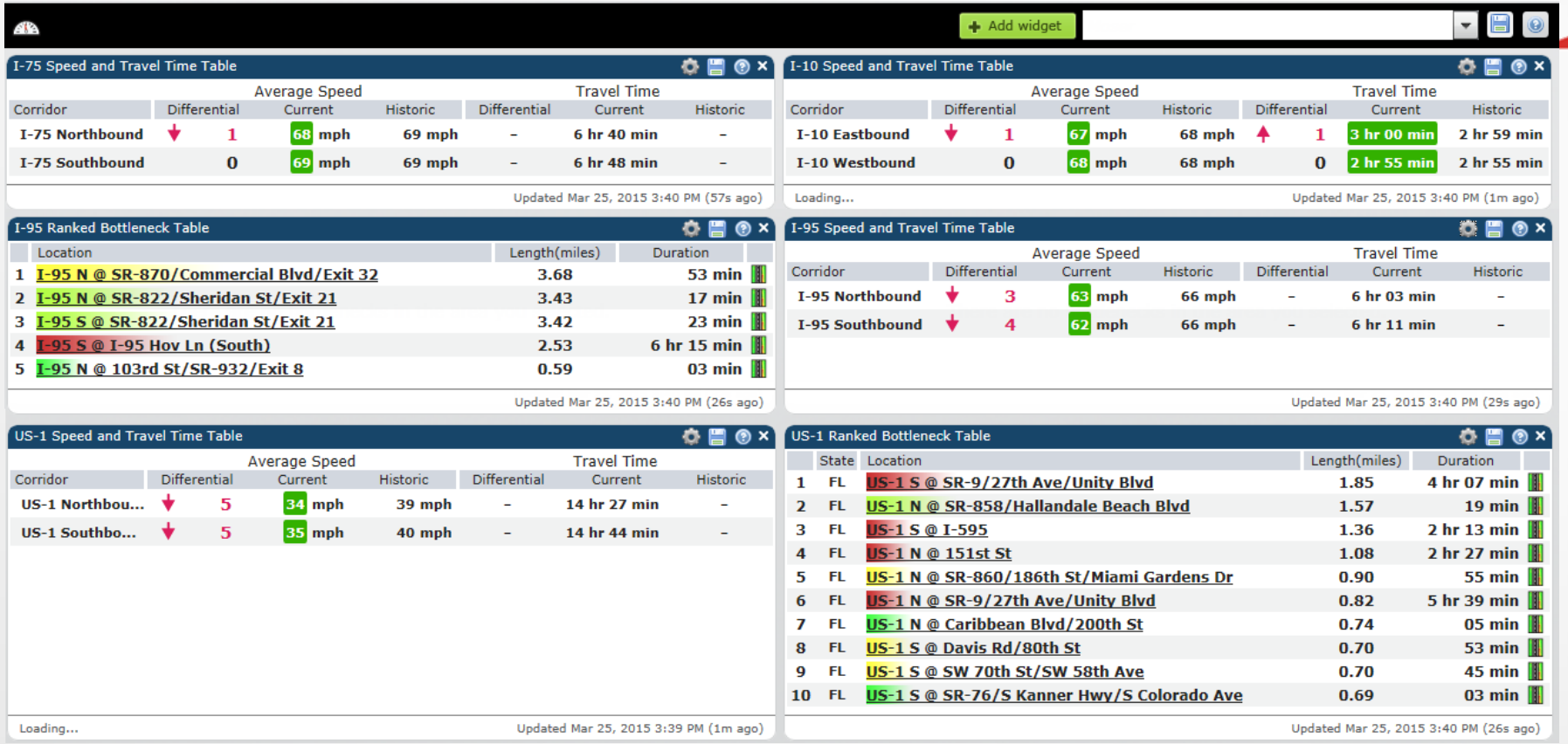


Region Explorer in Florida Analytics



- Newly added tool in Florida Analytics
- Provides multiple layer view with filter and export ability
- View Timeline and other traffic event information from the map

Dashboard in Florida Analytics



- Improved tool in Florida Analytics
- Customization of regions of interest
- Data interaction from Dashboard
- Save via Excel file or Screenshot
- One Click Speed and Travel Time Table
- Current, Historic and Differential Information Available

RITIS Issues Update

- Old Info on Live Traffic Map – Resolved
- Zone Volume and Lanes Volume Sum Not Equal – Resolved
  - A filter was applied only to zones which has been removed.
- Organizational Issues and Detector Names – Resolved
  - Detector name is now showing the link name.
- Data Missing Temporarily – Resolved
  - Delay in data being available.
- Odd Detector Name Changes – Resolved
- Data Missing for I-275 between 54th Ave N and SR 60 – Resolved

RITIS Issues

- Please send RITIS issues with detailed information to: Derek.Vollmer@dot.state.fl.us, Clay.Packard@dot.state.fl.us, and Kelli.Moser@dot.state.fl.us

QUESTIONS?

Derek Vollmer, P.E., FDOT

Derek.Vollmer@dot.state.fl.us

FL 511 DTN Weather Data Feed

(with vote)

Russell Allen, P.E., FDOT

FL 511 DTN Weather Data Feed

Weather Event	DTN	NWS/NOAA
Blizzard Warning		✓
Coastal Flood Watch		✓
Costal Flood Warning		✓
Dust Storm Warning		✓
Flash Flood Statement		✓
Flash Flood Watch		✓
Flash Flood Warning	✓	✓
Flood Advisory	✓	✓
Flood Statement		✓
Flood Warning	✓	✓
Flood Watch	✓	✓
Fog	✓	✓
Fog Advisory	✓	✓
Freezing Precipitation Advisory	✓	✓
Freezing Rain	✓	✓
Heavy Rain	✓	✓
High Wind Warning	✓	✓
High Wind Watch		✓
Hurricane	✓	✓
Hurricane Watch		✓
Hurricane Warning		✓
Hurricane Statement		✓
Light Rain	✓	✓
Light Snow	✓	✓

Weather Event	DTN	NWS/NOAA
Mixed Precipitation	✓	✓
Rain	✓	✓
Severe Hail	✓	✓
Severe Thunderstorm	✓	✓
Severe Thunderstorm Warning	✓	✓
Severe Thunderstorm Watch	✓	✓
Severe Weather Statement		✓
Special Marine Warning		✓
Special Weather Statement		✓
Strong Wind	✓	✓
Strong Wind Gusts	✓	✓
Tornado	✓	✓
Tornado Warning	✓	✓
Tornado Watch	✓	✓
Tropical Depression	✓	✓
Tropical Storm	✓	✓
Tropical Storm Watch		✓
Tropical Storm Warning		✓
Tsunami Watch		✓
Tsunami Warning		✓
Wind Advisory	✓	✓
Winter Storm Watch		✓
Winter Storm Warning		✓

FL 511 DTN Weather Data Feed

- Current: DTN Weather Data Feed used by FL 511
- Proposed: Use National Weather Service Feed or other free source for FL 511

Cost: Savings of $89,000/year

QUESTIONS?

(VOTE)

Russell Allen, P.E., FDOT

Russell.Allen@dot.state.fl.us

Waze Phase 2

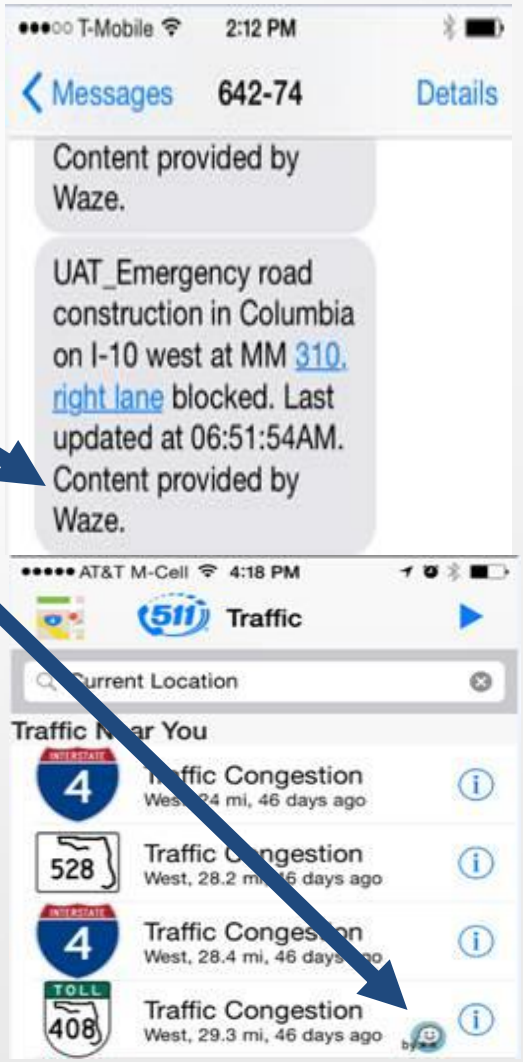
Clay Packard, P.E., Atkins/FDOT
Brian Ritchson, Atkins/FDOT

Overview

- Phase 2 Goal: Integrate Waze incidents into IDS for operator efficiency
- Waze Phase 2 ConOps presentation presented to CMB on 1/26
- Waze Phase 2 ConOps document distributed for review on 1/30
- Comments addressed and document updated
- Presenting modifications and proposing for CMB approval today

Comments → Clarifications

- FL-ATIS attribution: “Content provided by Waze”
- Set unconfirmed events on instrumented roadways to False Alarm if unable to confirm
- Waze (or any) incident updates never close a SunGuide event
- For operators – same responsibility, less manual work (see next slide)
- Non-Instrumented State Roads:
  Post Floodgate for complete closures only



Improved WazeReader and Filtering

Brian Ritchson, Atkins / FDOT

- Remote C2C Events replaced with FHP CAD style IDS Interface
- Filtering on reliability (1-10) replaces previous User Rating filter
  - Removing user rating filter will result in higher volume of alerts
  - Accident alerts will have no reliability filter
  - Hazard on Shoulder Car Stopped alerts with a reliability of 7 or less will be filtered out
  - All other alerts with a reliability of 5 or less will be filtered out
- Existing filters not changed
  - Alerts with irrelevant types will be filtered out
    i.e. Police, Jam, Chit Chat, Misc, most Weather subtypes except Fog
  - Locations 30 meters away from state roads

Operation and Automation

- *What SunGuide operators WON'T have to do!*
  - Monitor the operator map for new Waze events
  - Determine if the Waze event is a duplicate
  - Determine if the Waze event is on a US or state road
  - Create an event from scratch (either from the map or from the Add Event button)
  - Update the event information with the Waze alert information
  - Monitor the C2C event details dialog for a status change
  - Ignore Waze C2C events icons already processed
  - Provide attribution to Waze events on an event by event basis

Schedule and Cost

- Part of Release 6.2
- Cost: $41,700

QUESTIONS?

(VOTE)

Derek Vollmer, P.E., FDOT

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Clay Packard, P.E., Atkins/FDOT

Clay.Packard@dot.state.fl.us

Wrong Way Driving

Clay Packard, P.E., Atkins/FDOT

Overview

- Goal: Integrate Wrong Way Driving (WWD) Detection incidents into IDS for system performance
- WWD Full ConOps presentation presented to CMB on 01/27/2015
- WWD partial implementation hotfix provided 1/9
  - Included Wavetronix, operator pop-up, and preconfigured emails.
- WWD Standard Operating Guidelines document finalized on 3/26/2015
- ConOps comments addressed and document updated
- Presenting modifications and proposing for CMB approval today

Clarifications and Changes

- Device support is not limited by Concept of Operation
  - Additional devices are under evaluation (TAPCO sign)
    - Please let us know of more you are interested in having supported
- Automation is Configurable
  - Allows for testing, simulating, and evaluating false positives before automating
- Video on Desktop Window containing alert and video
- Directionality for DMS inclusion is configurable and selectable
- Messages will be posted at priority 1

Directionality

- Notification Scenarios – how to handle direction for operator created events
  - Motorist Phone Call - low confidence in direction provided
  - WWD Detection Device external to SunGuide - accurate direction provided to operator
  - IDS WWD Detection Device while system is not configured for automatic activation

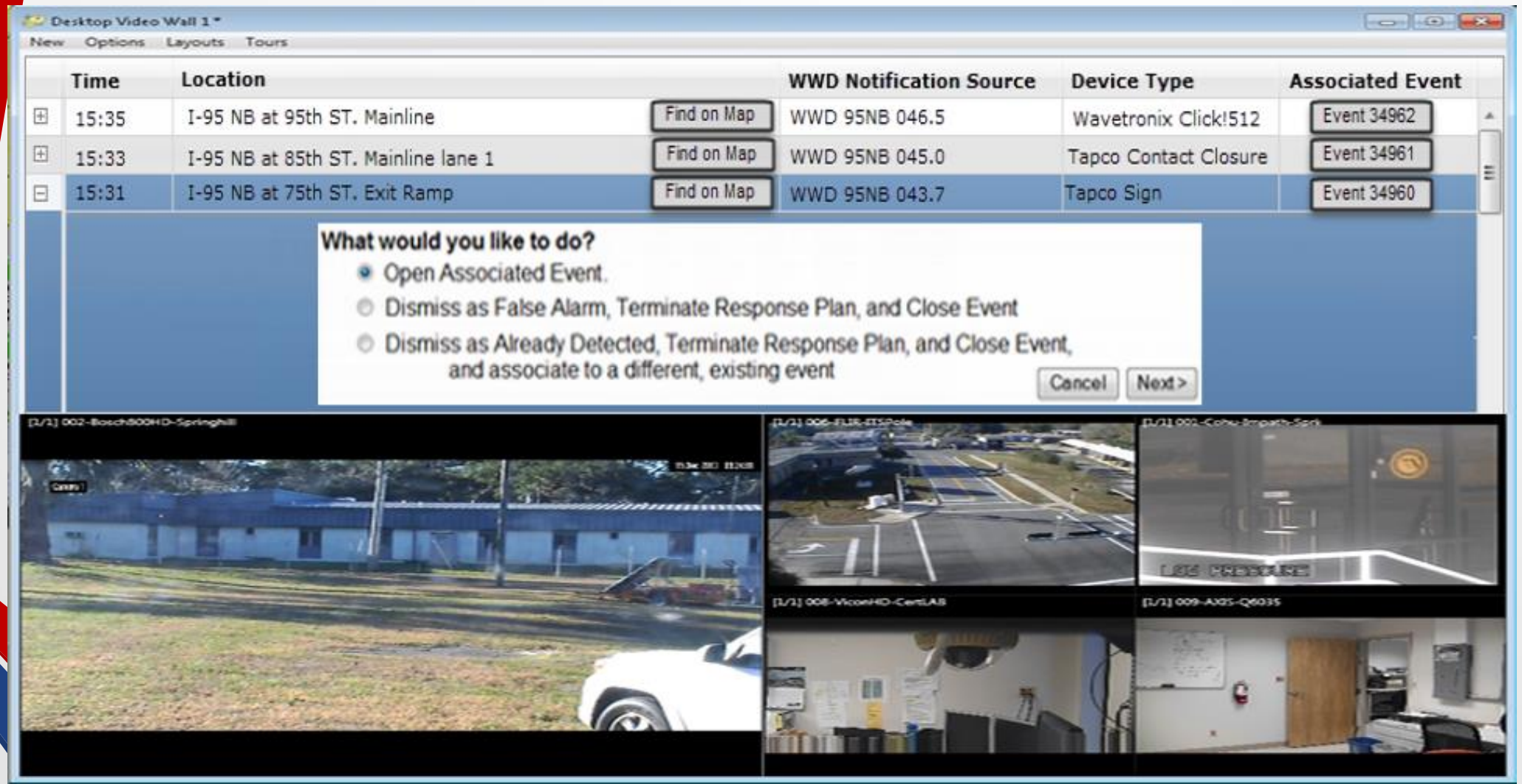
    - accurate direction provided to event
- Operator will confirm location and select directions for DMS inclusion
  - Prior to generating response plan suggestion for non-automated activations and revisions
  - Specific design on how operator will confirm the location and which direction to be fleshed out in design review with stakeholders

Create WWD Event from Map Shortcut

- Scenario: Notification to Operator (not IDS device)
- Existing Option 1: “Create New Event” as usual
  - Operator right clicks map at location, “Create Event”, generate response plan, activate
- New Option 2: Shortcut for automation
  - Right click the map at the location
  - Use new context menu item: “Create new WWD event with activated response plan”
  - Operator confirms location and directionality of DMS inclusion in response plan
  - If not configured to be automated, menu item will not be available

Operator Popup with Alert and Video

- Only the alert handling expansion disappears when ownership is taken



Future Considerations

- Connected Vehicle Traveler Advisory Messages
- Ramp Meter Shutoff
- Communication Standard for WWD Detection Devices
- Auto-Dismiss redundant upstream alerts (similar to TSS alarms)
- Format email messages destined for SMS devices

Schedule and Cost

- Part of Release 6.2
- Cost: $70,300

QUESTIONS?

(VOTE)

Derek Vollmer, P.E., FDOT

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Clay Packard, P.E., Atkins/FDOT

Clay.Packard@dot.state.fl.us

Break – 10 min

http://ipadstopwatch.com/timer.html

SSUG Small Enhancements

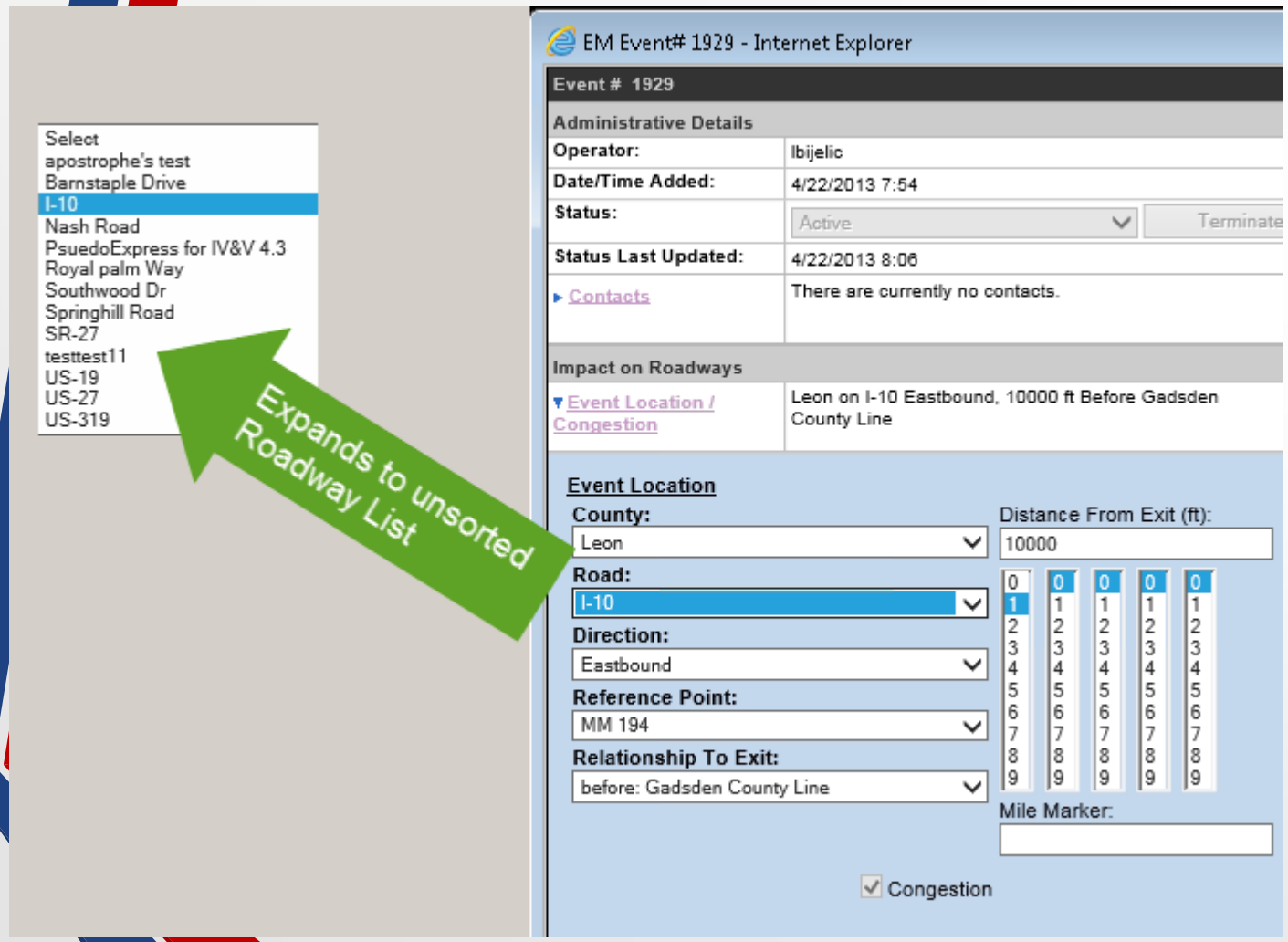
(with vote)

Clay Packard, P.E., Atkins/FDOT

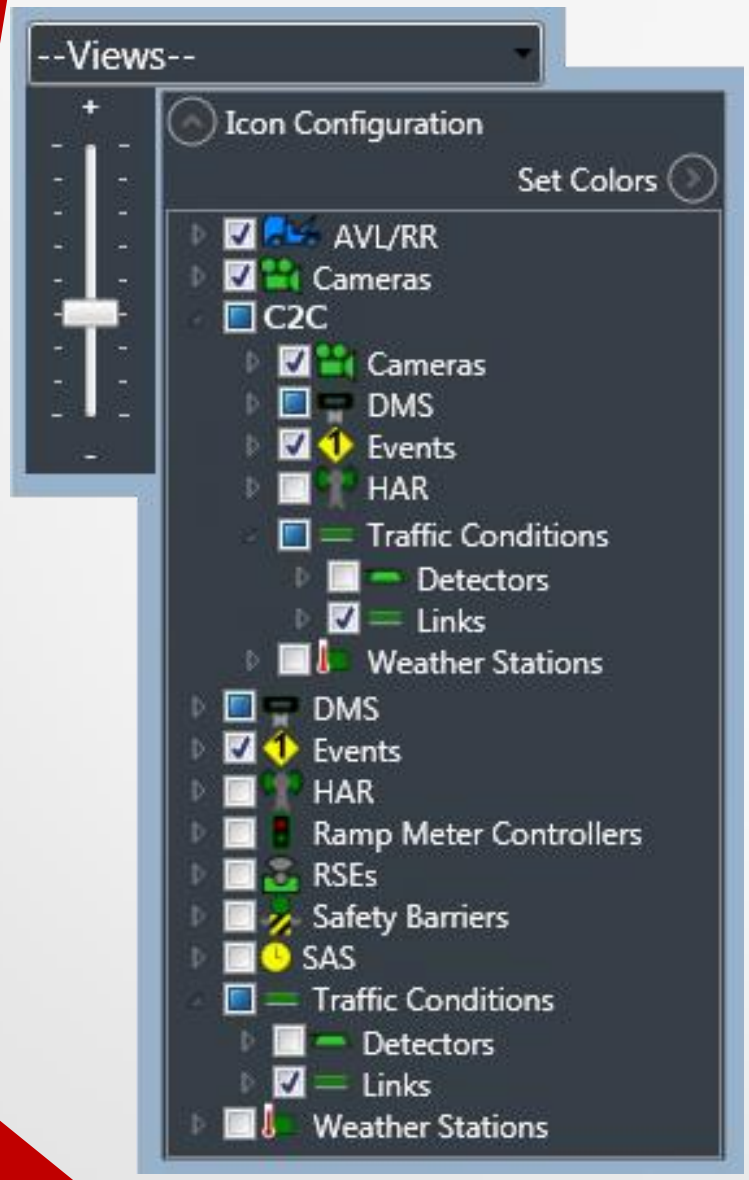
Overview

- Districts prioritized their Footprint (FP) enhancement requests
  - D2 and D6 were major proponents
- Several are minor, helpful, and inexpensive
- Several make sense to do when migrating the GUIs to WPF
- These enhancements are being presented to SSUG on 4/27

FP 448: Add Sort Order to Roadway



- All other EM Location objects have sort order
- Roadway needs it
  - Consistency
  - Put most used roads at top (or whatever order is most helpful to TMC operators)
  - Used most often in EM Dialog



FP 2587: Independent Toggle for Local/C2C link display

- Issue: No way to turn off local TSS links and leave remote TSS links on the map
- Solution: Add a remote C2C section with all C2C icon types

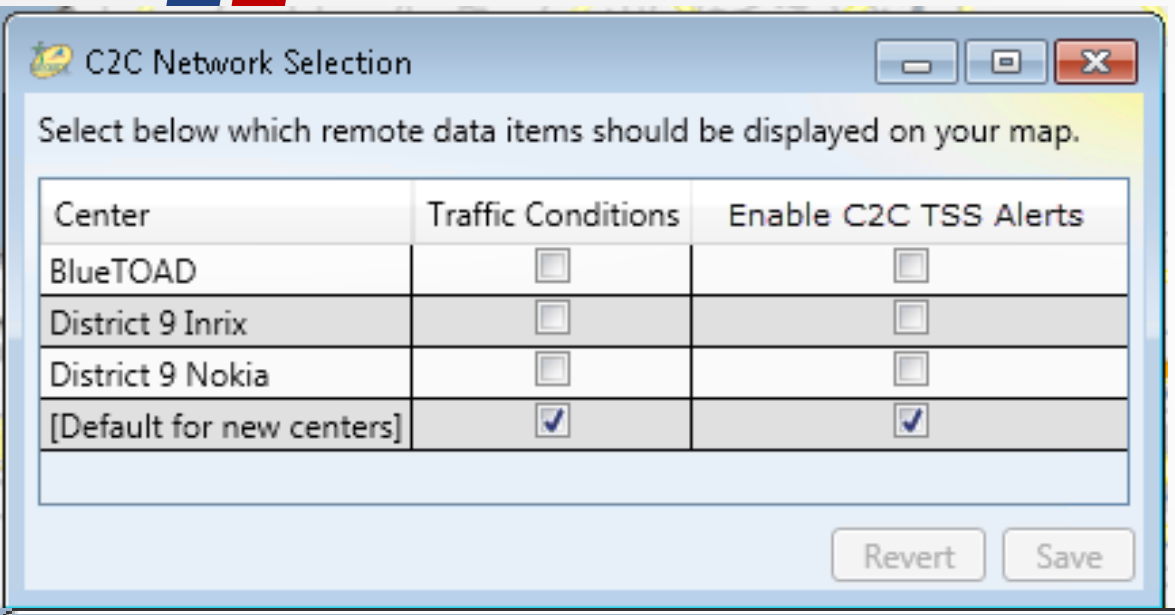
FP 2570: Add comments to closed events via audit

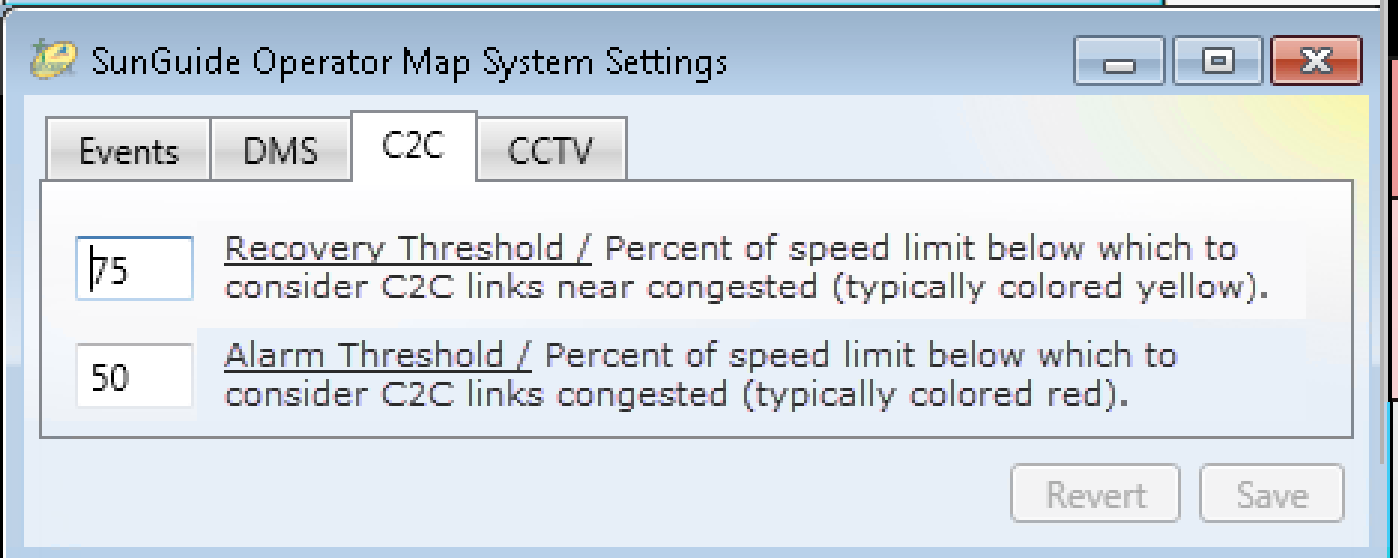
- New Audit section for adding comments
- Does not modify: event last updated timestamp
- Record will appear as an AUDIT record with an audit trail (you can't modify an event without the event being active)

FP 2656 – Ignore spaces in EM Tag Lookup

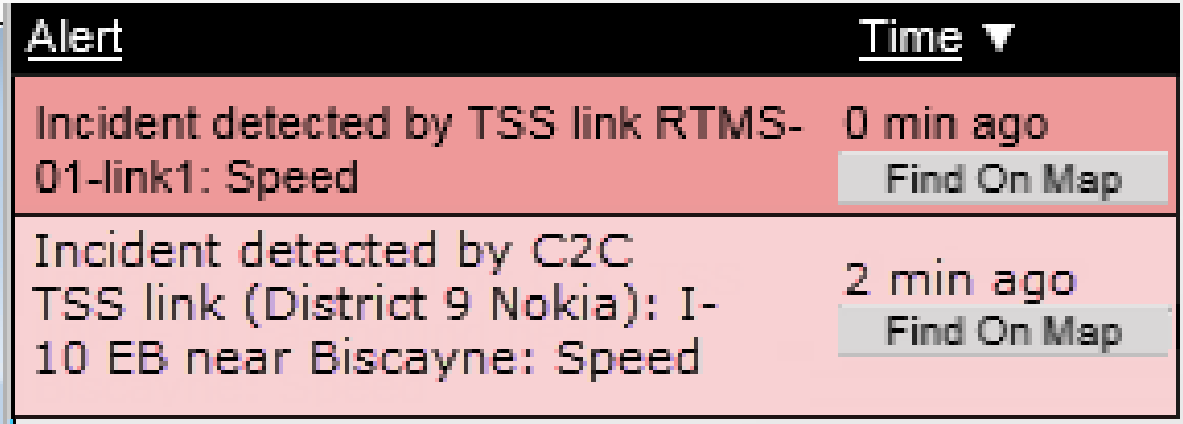
- Used for tracking “repeat customers” of amber alerts, out of gas, etc. as just an FYI to operators/responders
- Tags are not issued that are only different because of spaces
- Sometimes operators may enter spaces, sometimes not
- Tags will be matched while ignoring spaces in the tag

FP 2073: Generate TSS-like alerts from C2C data sources



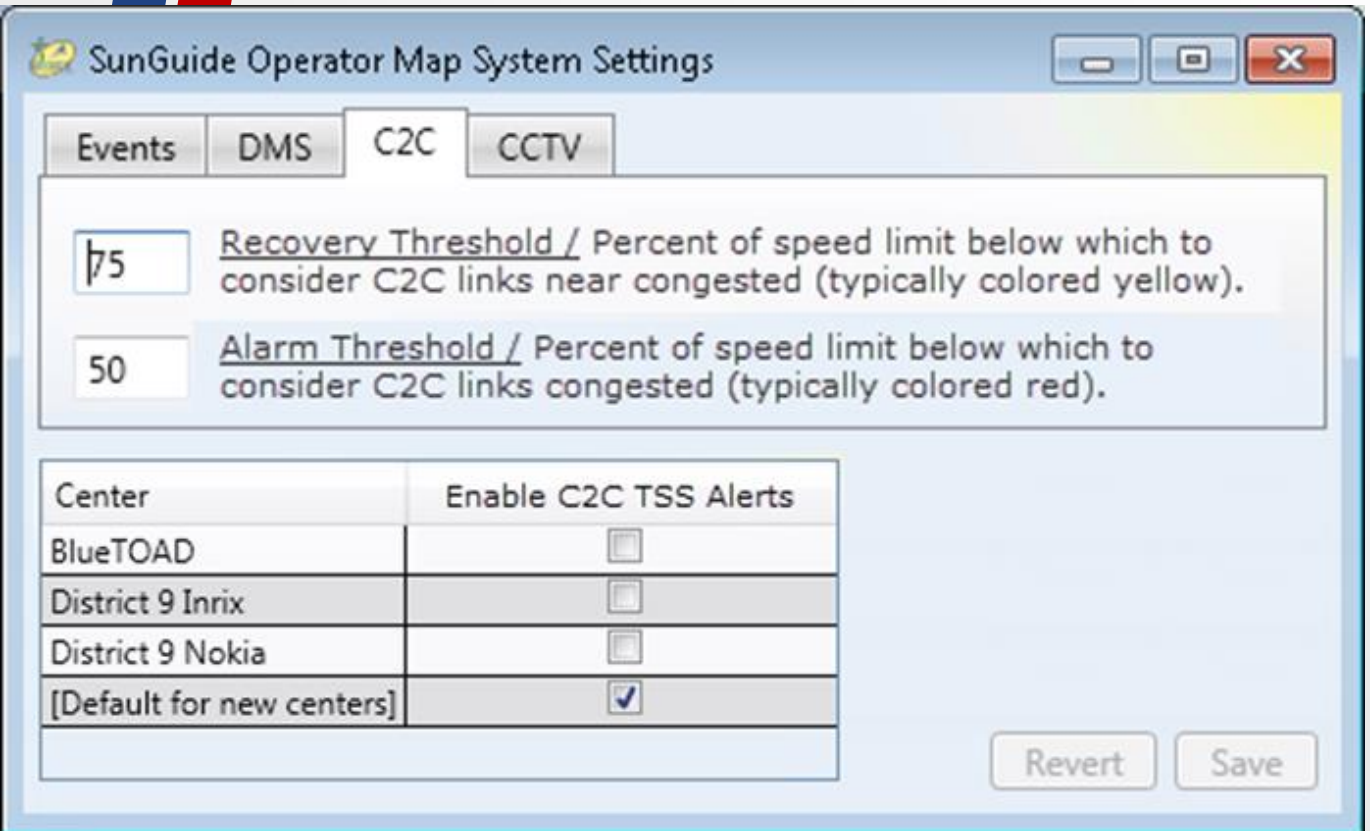


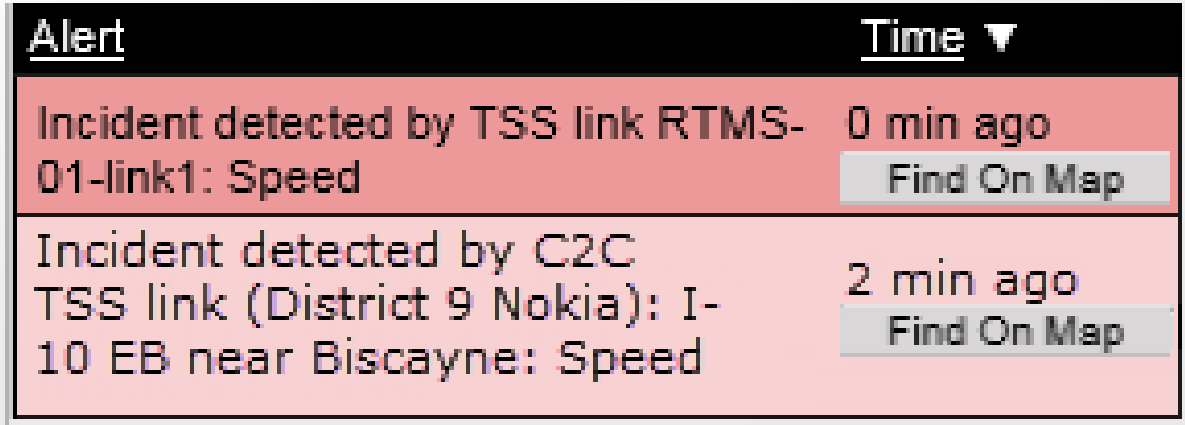
- Enable / Disable per C2C network name
- Re-use speed limit % thresholds (global)
- Distinguish Alert from C2C network name and link name



FP 2073: Generate TSS-like alerts from C2C data sources

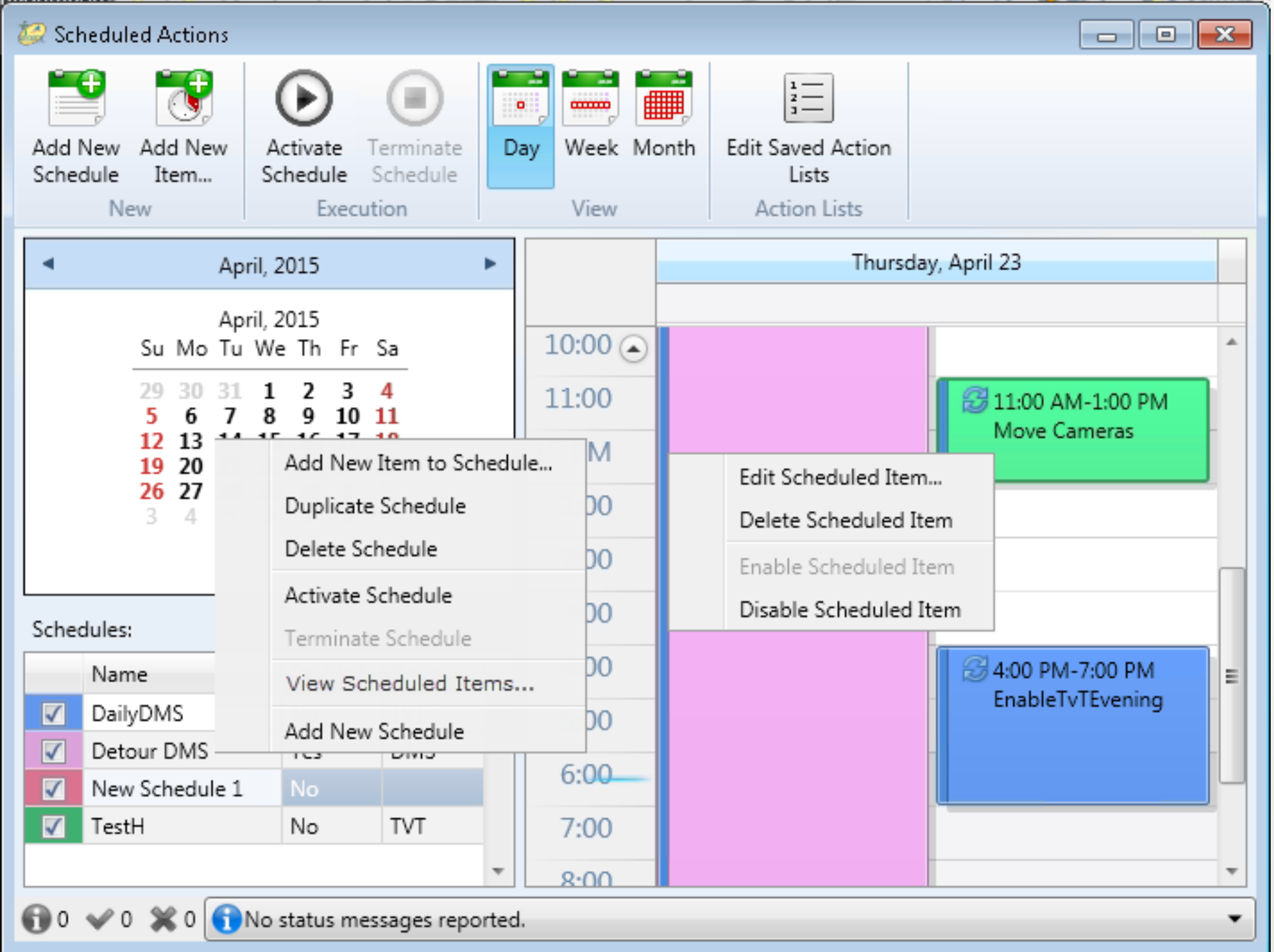
- Enable / Disable per C2C network name
- Re-use speed limit % thresholds (global)
- Distinguish Alert from C2C network name and link name



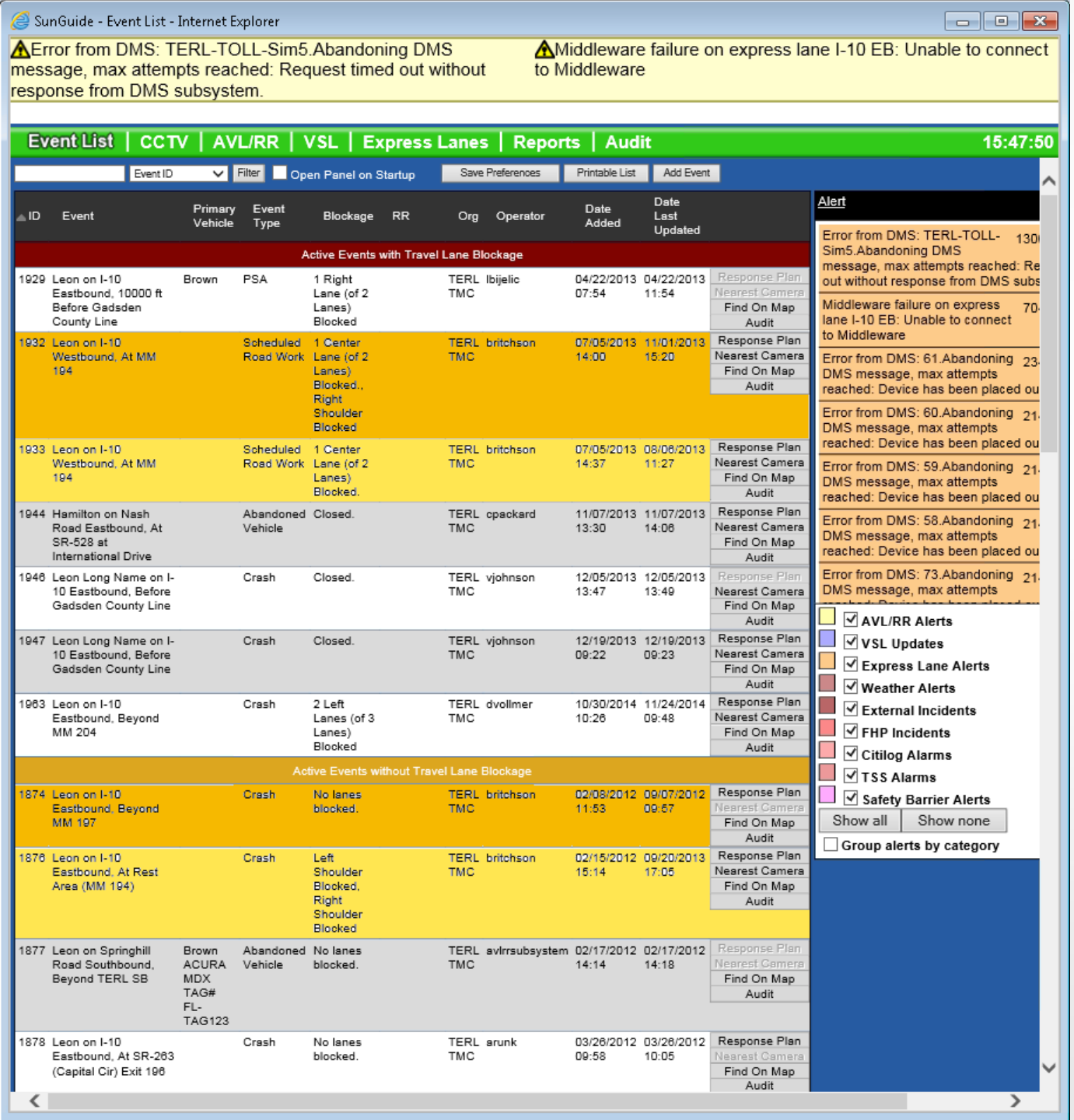


Footprint 2629:
View Scheduled Items from a Schedule

- Hassle to find all items in a schedule
- Add “View Scheduled Items…” context menu item
- Opens Dialog containing scheduled items
  - Title of Dialog: “Schedule X: Scheduled Items”
  - Content = List view with Item information in columns
  - Context menu for each item same as from calendar view



View Scheduled Items Context Menus



FP 1910: Highlight events owned by operator

- Alternating yellow colors (or more aesthetic colors during design phase :)

FP 2418: Deletion of TSS links used by TVT

- In Edit TSS Link Configuration:

  Prevent deletion of local TSS links if used by TVT (or VSL or other configuration usages for that matter) and inform the user where the links are referenced with an error message.

FP 2989: Stale Remote/C2C TSS Links Gray on Map

- Operator map should show stale C2C TSS links as grey
- Stale C2C links are links included in C2C network data without an update within a configurable amount of time
- Single, global C2C Settings variable, defaulting to 10 minutes
- GUI will implement with a timer
  - Will check all links for staleness at a frequency that is the same as the global variable
  - Will check at an interval using the same configuration variable
  - Will set the status of the C2C link to “no data”, (which appears grey by default)

FP 2223: Add Year Field to Involved Vehicle and to Response Plan

- Originally CMB said this was not needed, but FHP template was provided requiring it.
- District 3 – City of Tallahassee has to manually edit vehicle alert response plan messages to add year
- SSUG Input – do we want to recommend this be included? As optional field?

Vehicles Involved | Brown, Blue BMW 330XI TAG# CT-abc123

Color	Make	Model	Year	Tag	State	Match	
Brown	N/A	N/A			N/A		Modify Delete
Blue	BMW	330XI	2005	abc123	CT		Modify Delete
N/A	N/A	N/A	2010		N/A		Add

STATE OF FLORIDA

SILVER ALERT (Dynamic Message Systems)

FROM: FLORIDA DEPARTMENT OF LAW ENFORCEMENT, TALLAHASSEE

SENT BY: VICKIE JOHNSON

SILVER ALERT NAME: Alfred Monte

TO: ORLANDO RTMC **Area(s) for primary activation:** 1, 4, 5, 6, 7, Turnpike
Area(s) for secondary activation: Remaining districts

FAX NUMBER: (FHP) 407-737-2217 (DOT) 407-736-1918 **DATE:** 3/30/2015

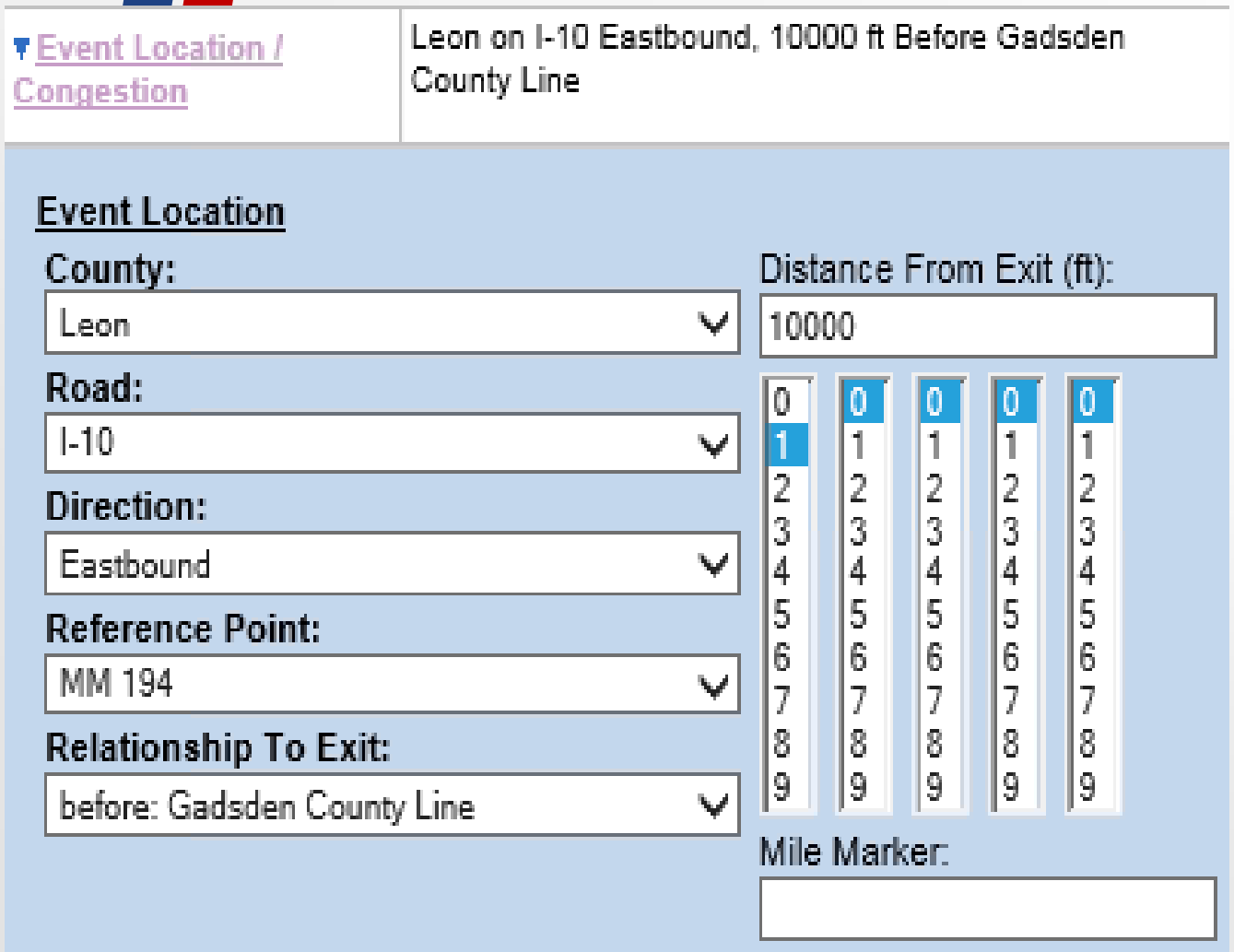
URGENT URGENT URGENT URGENT URGENT

REQUIRED MESSAGE

		S	I	L	V	E	R		A	L	E	R	T		
			C	A	L	L			*	3	4	7			

P	U	R	P	L	E		2	0	0	9					
H	Y	U	N	D	A	I		E	L	A	N	T	R	A	
F	L		T	A	G		8	8	6	L	I	I			

FP 1734: Use FHP CAD direction to filter locations



- When changing direction,
  - Issue: Ref pt & offset are unselected a pain to hunt through a long list
  - Solution: ref pt & offset will be autoselected to closest lat/long of previous selected location (does not have to be saved)
- Not specific to event type
- All locations & offsets need distinct lat/long

FP 1734: Use FHP CAD direction to filter locations

- I have discussed this over the last couple of years with SwRI, FHP, and others.
- Originally, the ideal solution would have been for FHP CAD to have a separate direction field. However, we have been unsuccessful in getting that change made to the feed.
- Currently, SunGuide does its best to identify the correct direction if it is in the location text; but this is not 100%.
- I believe I have heard that the most painful impact is to the operator because when you choose a different direction (or choose a different county or roadway for that matter), the reference point and offset (or whatever the lesser significant fields are) all reset to unselected values, causing the operator to have to search through the list to find each one when the location may have been right on – just in the wrong direction.
- What I will propose as the next step to mitigate this impact is when the direction (or any location field) is changed, to have SunGuide automatically select the remaining values for these lesser significant fields which are the closest to the prior selected location. For example, if you create an event from an FHP CAD alert, change the direction, then the software will set the ref. pt. and offset to the new location having the newly selected direction and that is the closest to the prior location. I will present this to SSUG for comment and if we all concur, I will present this to the CMB along with several other small enhancements.
- Feel free to chime in, but if this would help, let's give it a try and see how well it helps out since it is the most cost-feasible solution we have come up to further improve this situation.

Schedule and Cost

- Release 6.2 and 7.0
- Cost: $108,000

QUESTIONS?

(VOTE)

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Statewide ITS Architecture Update

Derek Vollmer, P.E., FDOT

ITS Architecture Updates

- District 1 and 7 ITS Architecture updates were completed 01/09/2015
- District 5 and Turnpike ITS Architecture were completed 04/08/2015
- Remaining Districts ITS Architecture updates will be completed by 12/31/2015
- Statewide, Districts 2 & 3 Updates Started 04/15/2015 and End 08/27/2015
- Districts 4 & 6 Updates Start 08/09/2015 and End 11/28/2015

ITS Architecture Events

- Project Kickoff Meeting – 09/05/2014
- Eight Architecture Kickoff Meetings (Only 1 & 6 Remain)
- Stakeholder Interviews (1, 5, 7 & FTE Completed)
- Stakeholder Workshops (1, 5, 7 & FTE Completed)
- Final Architecture Meeting

QUESTIONS?

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Auto-Dismiss Already Detected Alerts Upstream (FP 2845) *(with vote)*

Clay Packard, P.E., Atkins/FDOT

Summary

- Original concept approved at CMB 10/17/2015
  - Upstream only concept modification requested
- Upstream only concept modification presented at CMB 1/27/2015
  - No cost / No schedule for modification ($28,500 / after 6.1)
  - Corner Case: Secondary Incident in Queue raised
  - Vote postponed
- Secondary Incident in Queue presented here
  - Vote on Upstream only concept modification

Corner Case: Secondary Incident in Queue

- Secondary Incident happens inside queue of first incident
  - TSS Alarms would not catch this operationally
    - Operators are currently manually dismissing upstream alerts already
      - Thus, no change in ability to detect for better or worse
  - Operators are more closely monitoring the queue with the incident
    - Thus it is already being addressed operationally

Budget/Schedule

- No change for “Upstream-Only” revision
- Original Cost: $28,500
- Schedule : After Release 6.1

QUESTIONS?

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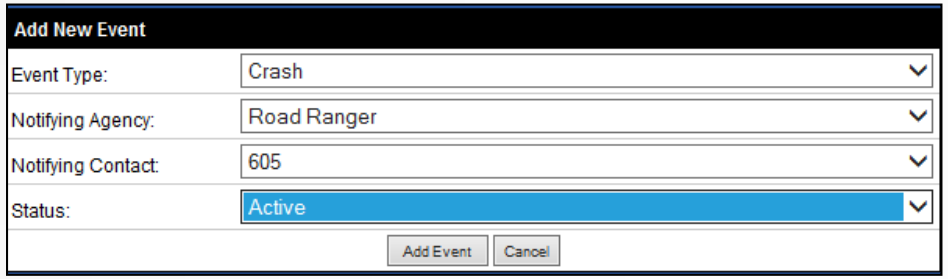
Road Ranger GUI Improvements (FP 2661/3040)

(with vote)

Mark Laird, AECOM/FDOT

RR as Notifier When Patrolling (FP3040)



When a RR is selected as the Notifying Contact in the Create New Event dialog and that RR's status is Patrolling:

- The RR status is changed to Arrived
- The notified and on-scene times are set
- The event shows that the RR is participating in that event

RR as Notifier When Not Patrolling

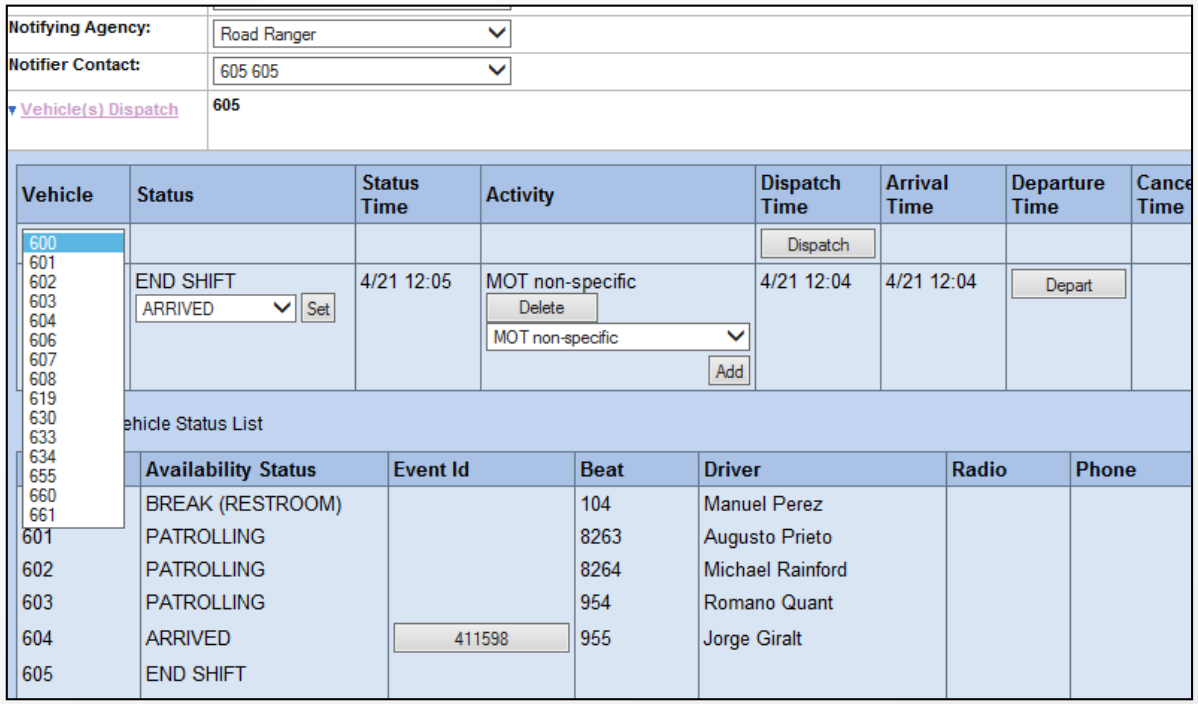
RR's status is anything other than Patrolling:

- The status is not changed to Arrived
- The responders table shows the RR as Notified and On-Scene

Notified by TMC	Responders	Notified	On Scene	Departed
☐	Road Ranger ▸	4/21 12:04	4/21 12:04	
☐	Express Lanes ▸			
☐	FHP ▸			
☐	Fire Rescue ▸			

RR as Notifier When Not Patrolling

- The Event Details form shows:
  - RR 605 status is END SHIFT
  - RR 605 dispatched (but not ARRIVED)
  - Event not associated
  - Permits assigning activities, even though not arrived
  - RR 605 not available to be dispatched (already dispatched to this event)



RR as Notifier When Not Patrolling

- The event history and chronology report show RR 605 as Notified and Arrived

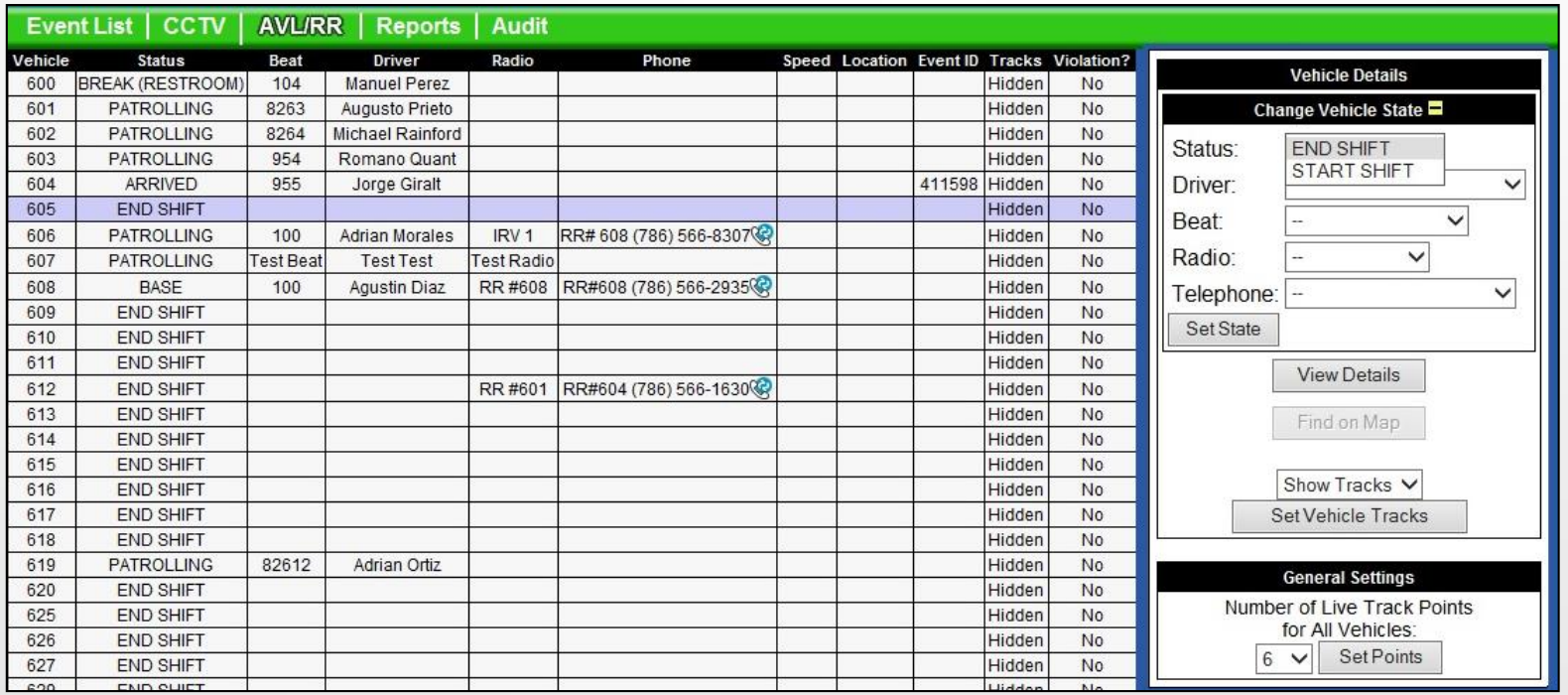
Date	Category	Details
04/21/2015 12:05:02	ACTIVITY	Road Ranger: 605 MOT non-specific
04/21/2015 12:04:25	ARRIVED	Road Ranger: 605
04/21/2015 12:04:25	NOTIFIED	Road Ranger: 605
04/21/2015 12:04:25	ATIS SEVERITY	minor

Event #: 411604	Event Type: Crash	Report Date: 04/21/2015 12:04:25
Status: Active	**County:**	**Organization:** FDOT D6 SunGuide TMC
Last Status Time: 04/21/2015 12:04:25	**Road:**	**Notifier Agency:** Road Ranger
Duration (mnt):	**Location:**	
First Notified: 04/21/2015 12:04:25		**Notifier Contact:** 605, 605
Confirmed:		
First Closed:	**Rollover:** False	**Conditions:** All Other, All Other (W), Unknown
Secondary to:	**Fire:** False	**CCTV ID:**
FHP Incident Number:	**HAZMAT:** False	**CCTV Preset:**
Injury:		
Contacts:		
Involved Vehicles		

Date	Type	Description
04/21/2015 12:04:25	NOTIFIED	Road Ranger: 605
04/21/2015 12:04:25	EVENT TYPE	Crash
04/21/2015 12:04:25	ATIS SEVERITY	minor
04/21/2015 12:04:25	OWNER	lairdm
04/21/2015 12:04:25	STATUS	Active
04/21/2015 12:04:25	ARRIVED	Road Ranger: 605
04/21/2015 12:05:02	ACTIVITY	Road Ranger: 605 MOT non-specific

RR as Notifier When Not Patrolling

- The AVL/RR page shows:
  - Status = END SHIFT
  - No event associated
  - Change Vehicle State shows no Status when 605 is selected and the only options are START SHIFT and END SHIFT



Vehicle	Status	Beat	Driver	Radio	Phone	Speed	Location	Event ID	Tracks	Violation?
600	BREAK (RESTROOM)	104	Manuel Perez						Hidden	No
601	PATROLLING	8263	Augusto Prieto						Hidden	No
602	PATROLLING	8264	Michael Rainford						Hidden	No
603	PATROLLING	954	Romano Quant						Hidden	No
604	ARRIVED	955	Jorge Giralt					411598	Hidden	No
605	END SHIFT								Hidden	No
606	PATROLLING	100	Adrian Morales	IRV 1	RR# 608 (786) 566-8307				Hidden	No
607	PATROLLING	Test Beat	Test Test	Test Radio					Hidden	No
608	BASE	100	Agustin Diaz	RR #608	RR#608 (786) 566-2935				Hidden	No
609	END SHIFT								Hidden	No
610	END SHIFT								Hidden	No
611	END SHIFT								Hidden	No
612	END SHIFT			RR #601	RR#604 (786) 566-1630				Hidden	No
613	END SHIFT								Hidden	No
614	END SHIFT								Hidden	No
615	END SHIFT								Hidden	No
616	END SHIFT								Hidden	No
617	END SHIFT								Hidden	No
618	END SHIFT								Hidden	No
619	PATROLLING	82612	Adrian Ortiz						Hidden	No
620	END SHIFT								Hidden	No
625	END SHIFT								Hidden	No
626	END SHIFT								Hidden	No
627	END SHIFT								Hidden	No

RR as Notifier When Not Patrolling

- AVL/RR Vehicle Details shows:

Vehicle ID:	605
Vehicle Type:	Pickup
Vehicle Agency:	Road Ranger
Speed:	
Heading:	
Location:	
Destination:	
Distance to Dest.:	
Status:	END SHIFT

RR as Notifier When Not Patrolling

- Details report shows 605 has an activity assigned

Event #: 411604	Event Type: Crash	Report Date: 04/21/2015 12:04:25

Status:	Active	**County:**		**Organization:**	FDOT D6 SunGuide TMC
Last Status Time:	04/21/2015 12:04:25	**Road:**			
Duration (min):		**Direction:**			
		Location:		**Contact:**	154
First Notified:	04/21/2015 12:04:25			**Conditions:**	All Other, All Other (W), Unknown
Confirmed:					
First Closed:		**Rollover:**	False		
Secondary to:		**Fire:**	False		
FHP Incident Number:		**HAZMAT:**	False		
Contacts:					
Involved Vehicles:					

Vehicles Involved

Vehicle Count:	0
Involved Vehicles:	

Road Ranger

Time	Road Ranger Vehicle	Activity
04/21/2015 12:05:02	605	MOT non-specific

Agency Response

Agency	Response (min)	Duration (min)
Road Ranger	0	

Lane Blockage(s)

Handling Notifying RR Unable to Respond/Delayed Arrival

- A Road Ranger may report an event, but be unable to respond, e.g.
  - Has a mechanical problem and is going to get it fixed
  - Is on the way to a higher priority event
- A Road Ranger may report an event and be able to respond, but will not be on-scene for several minutes
  - Traveling in the wrong direction with not immediate opportunity to reverse direction
  - Affects performance metrics

RR as Notifier Proposal

- SunGuide will no longer do anything completely automatically.
- In the “New Event” dialog, if an agency is selected for which IS_ROADRANGER or IS_SIRV is true, additional options will be provided to indicate the dispatching actions to take, if any
- The options will be:
  - NO ACTION - Do not notify this RR/SIRV, do not arrive this RR, do not show agency notified or on-scene, do not associate event in AVL/RR.
  - NOTIFY - Notify this RR/SIRV and show agency as notified and not on-scene, associate event in AVL/RR.
  - NOTIFY AND ARRIVE - Show this RR/SIRV as notified and arrived, show agency as notified and on-scene, associate event in AVL/RR.
- Ensure consistency of all event and AVLRR data
- Does not affect external RR apps (i.e. SPARR, Locate, or RRMA)

Road Ranger List Sorting (FP2661)

Filter and sort trucks in the Create New Event “Notified by” list and Event Details Vehicle(s) Dispatch drop-down list.

- Filter to show only “CAN_BE_DISPATCHED” trucks
- Sort :
  - Trucks with status attribute “Default_Patrolling” = 1 first
  - Trucks with Classification = “Busy” after “In Service”
  - Trucks with status attribute “Assisting” = 1 to last in Busy group
  - By Truck Name within each group
- Separate groups
  - Ideally, use headings similar to the Event List. Suggested headings:
    - PATROLLING
    - IN SERVICE
    - BUSY
  - A different background or text color for each group would help when seeing only part of the list

RR Statuses (D6 choices)

1. Show only CAN_BE_DISPATCHED

2. DEFAULT_PATROLLING first

REF_ID	NAME	CLASSIFICATION	IN_SERVICE	ASSISTING	CAN_BE_DISPATCHED	IS_BILLABLE	DEFAULT_ASSISTING	DEFAULT_PATROLLING	DEFAULT_START_SHIFT	DEFAULT_END_SHIFT
PATROLLING										
1	PATROLLING	InService	1	0	1	1	0	1	0	0
IN SERVICE										
15	BASE	InService	1	0	1	1	0	0	0	0
9	BREAK	InService	1	0	1	1	0	0	0	0
11	BREAK (RESTROOM)	InService	1	0	1	1	0	0	0	0
16	DEPARTED	InService	1	0	1	1	0	0	0	0
12	FUEL	InService	1	0	1	1	0	0	0	0
7	INSPECTION	InService	1	0	1	1	0	0	0	0
4	MEAL	InService	1	0	1	1	0	0	0	0
17	STAGING	InService	1	0	1	1	0	0	0	0
8	START SHIFT	InService	1	0	1	1	0	0	1	0
BUSY										
14	MECHANICAL	Busy	1	0	1	1	0	0	0	0
5	SERVICE	Busy	1	0	1	1	0	0	0	0
2	ARRIVED	Busy	1	1	1	1	1	0	0	0

3. Busy below InService

4. Assisting last

Budget/Schedule

- Cost: $17,000
- Schedule: Release 6.2

QUESTIONS?

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Open Discussion

Derek Vollmer, P.E., FDOT

Review Action Items

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