



Change Management Board Meeting

Tuesday, February 19, 2019

Audio: 1 (571) 317-3112,

Access Code: 306-304-821

Do NOT Put On Hold Call is Being Recorded

GoToMeeting:

<https://global.gotomeeting.com/join/306304821>



Welcome and Call for Quorum

Bryan Homayouni, P.E., CMB Chairman



Agenda



Time	Item	Lead
1:30 – 1:35	Welcome and Call for Quorum	Bryan Homayouni
1:35 – 1:45	Previous Meeting Recap & Action Item Review	Bryan Homayouni
1:45 – 2:00	SunGuide Software Update	Christine Shafik
2:00 – 2:15	Election of New CMB Chairman (VOTE)	Bryan Homayouni
2:15 – 2:30	SG-4577: Bridge Reporting/Notifications in FL511 (VOTE)	Tucker Brown



Agenda



Time	Item	Lead
2:30 – 2:45	SG-4650: Wrong Way Driving Crash Descriptor (VOTE)	Tucker Brown
2:45 – 3:00	SG-3974: Permission Issues (VOTE)	Tucker Brown
3:00 – 3:15	Adding Maintenance Info to Truck Parking	Derek Vollmer
3:30 – 3:50	Open Discussion	Bryan Homayouni
3:50 – 4:00	Review Action Items	Bryan Homayouni

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

Bryan Homayouni, P.E., CMB Chairman



Previous Meeting Action Items

Owner	Action Item
Tucker Brown	Add the timestamps to the vehicle provision data enhancement for ticket 3470. This was part of an update that was voted through.
Tucker Brown	Update for ticket 4105 – add the KMZ and other file types attachment to the event notification.
Derek Vollmer	Intersection Enhancement – Derek is going to open up the ConOps for comments. He will update the link that was sent out earlier. The Districts should make any comments by October 4 th .
John Hope	Intersection Enhancement – John Hope will pull together an online vote and send it out to everyone.
Dan Smith	Wrong Way Driving Wavetronix – Dan will provide test results of using WavetronixHD data to detect and track WWD events back to the group after the enhancement is made.



Previous Meeting Action Items

Owner	Action Item
Tucker Brown	Provide an updated release date for R7.1.2, and R7.2, and R8.0. Send the updated schedule after the vote is completed for the intersections.
Derek Vollmer	Take next steps to determine the District needs for moving towards a cloud-based system and get research from the industry.



SunGuide Software Update

Christine Shafik, P.E., FDOT



Release 7.1.2



- IV&V started mid-December
- Five issues still need to be addressed
- Target release date - early March



R7.1.2 – Connected Vehicles

- Support for J2735 2016-03 messages
- Higher-level functionality unchanged
 - Sending TAMs (now called TIMs) from SunGuide to connected vehicles via RSEs
 - Receiving BSMs from connected vehicles via RSEs for use by TSS in determining aggregate speed



R7.1.2 – Truck Parking Subsystem

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SunGuide now reports availability for zones and spaces

Truck Parking Availability System Now In Operation In SE Florida

Digital highway signs now alert truckers to available parking spaces at I-95 rest areas and Weigh-in-Motion stations near Fort Pierce and Stuart and at I-75/Alligator Alley rest area in western Broward County. **More...**

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R7.1.2 – Other Enhancements



- AVL Vehicles in C2C
- BlinkLink Wrong Way Driving interface
- Toggle between multiple video streams in the Video on Desktop window
- Configurable event type transitions for cloned events.
- Display Coordinates vs. Actual Coordinates
- Graphics-based DMS Message Report
- And others...



Release 7.2.0



- Requirements in-progress
- Target test date – Summer 2019



Release 7.2.0



- Monitor and Regulate DMS Fonts
- Additional Automation for Executive Notifications
- ICMS Integration
- Links on Map
- Audit Chronology
- Case Sensitivity
- Planned Events
- And others...



Oracle Support



- Based on discussion at 2/14/2019 SSUG, no district has a current need for Oracle support in SunGuide
- Starting with the 7.2.0 release, SunGuide will no longer support Oracle



Network Security Needs for BlinkLink



- TAPCO requires that communication between BlinkLink and SunGuide be secured with SSL/TLS
- Districts may temporarily use a self-signed certificate (no cost)
- Long-term, districts will probably need a commercial certificate



QUESTIONS?

Christine Shafik, P.E., FDOT

Christine.shafik@dot.state.fl.us



Election of New CMB Chairman

(VOTE)

Bryan Homayouni, P.E., CMB Chairman



CMB Chairman Requirements

- Change every 2 Years
- Current Chairman requests nominations at the end of term
- CMB elects Chairman by majority vote
- Chairman duties include:
 - Compose Meeting Agenda
 - Moderate Meetings
 - Conduct Voting
- May have Chairman-appointed Co-Chairman to assist workload



Nominations?

VOTE



SG-4577

Bridge Reporting/Notifications in FL511

(VOTE)

Tucker Brown, SwRI



Current Behavior

- The SunGuide bridge preemption function is part of EM
- When a bridge is raised, an event with road closure is created, and when it's lowered the road is opened and the event is closed
- FL511 users subscribe to bridge alerts from FL511 by creating an alert for a route that crosses the bridge



Limitations



- Only works with bridges in Miami-Dade County
- There's no way to subscribe (in FL511) for alerts at a specific SunGuide location



Generic Feature Subsystem

- This could be made as part of a new system for items the ATMS tracks that really only have status information.
- “Features” could be Bridges, Railroad crossing, or items that have status
- Features would have:
 - ID, Name, Location, Can Publish Flag, Last Updated Timestamp
 - Type (Bridge, RR crossing, etc)
 - Configurable Status per Type
 - Configurable icons for each status type (or a default for all Status for a particular Type)
 - Information to tie to a data feed for automatic status updates



FL511



- Feature Status would be passed to FL511 via C2C
- Changes also required on the FL511 side
- FL511 users would be able to subscribe to alerts at specific bridges



Cost and Schedule



- Cost: \$23k
- Schedule: Next Release after 7.2 (not versioned yet)



QUESTIONS?

VOTE

Tucker Brown, SwRI

tucker.brown@swri.org



SG-4650

Wrong Way Driving Crash Descriptor (VOTE)

Tucker Brown, SwRI

SG-4650

- There is a need to add a flag to events to indicate the event is associated with WWD, but may not be the event type
 - For instance, a crash that the TMC later finds out was due to a WWD. Would want to keep the Crash event type but would still want to know it was a WWD event
- A flag would be added to the event to indicated the event is associated with WWD
 - If the event type is set to “Wrong Way Driving”, the flag will automatically be set
 - For all other event types, the flag can be checked manually



SG-4650



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SG-4650

- Make the automatic response plan optional for manual events created as WWD Events

Add New Event

Event Type: Wrong Way Driver

Notifying Agency: WWD

Notifying Contact:

Name	Phone	Email
WWD WWD	N/A	N/A

Status: Unconfirmed

Location

County: Broward

Roadway: Floridas Turnpike

Direction: Southbound

Reference Point: Miramar Toll

Offset: Beyond: Exit 47 - Miramar Mainline Toll Plaza

Description: Broward on Floridas Turnpike Southbound, Beyond Exit 47 - Miramar Mainline Toll Plaza

DMS Search Method: Radius Device Linking

DMS Search Distance: 10 miles

This will create and automatically activate a response plan.

Add Event Cancel

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Cost and Schedule



- Cost: \$4k
- Schedule: Next Release after 7.2 (not versioned yet)



QUESTIONS?

VOTE

Tucker Brown, SwRI

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SG-3974

Permission Issues

(VOTE)

Tucker Brown, SwRI



SG-3974



- At the SSUG, we asked if there was a need in certain cases to have a more granular set of permissions to allow operations to fine tune what their operators can do, without exposing too much.
- We received several suggestions in the issues as well as general input from districts



SG-3974



- Split permission to activate signal timing plan between “Activate signal timing plan through response plan” and “Manually activate signal timing plan”
- Ability to configure camera presets without needing “add/modify/delete camera” access
- Ability to change Op Status on devices (TSS/CCTV/DMS) without needing “add/modify/delete” level access



SG-3974



- Reports should have a permission to configure and one to run the reports
- TVT should have a disable/enable links permission instead of needing “Configure travel time parameters”



Cost and Schedule



- Cost: \$10k
- Schedule: Next Release after 7.2 (not versioned yet)



QUESTIONS?

VOTE

Tucker Brown, SwRI

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Adding Maintenance Info to Truck Parking

Derek Vollmer, FDOT



QUESTIONS?

Derek Vollmer, P.E., FDOT

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Open Discussion

Bryan Homayouni, P.E., CMB Chairman



Review Action Items

Bryan Homayouni, P.E., CMB Chairman