



Change Management Board

March 21, 2023



Welcome and Call for Quorum

Roll Call

Amy DiRusso, P.E., FDOT D3
CMB Chairman



CMB Voting Members

1. District 1 – Steven Davis (Alternates – Robbie Brown and Renjan Joseph)
2. District 2 – Alex Varela (Alternate – Dee Dee Crews)
3. District 3 – Greg Reynolds (Alternate – Mark Nallick)
4. District 4 – Mauricio Micolta (Alternate – Alexandra Lopez)
5. District 5 – Tricia Ballard (Alternates – Tushar Patel and Jeremy Dilmore)
6. District 6 – Javier Rodriguez (Alternate – Yamilet Diaz)
7. District 7 – Megan Arasteh (Alternates – Edward Albritton and Bruce Wolny)
8. Florida's Turnpike Enterprise (FTE) – Eric Gordin (Alternates – John Easterling and Gregory Cacioppo)
9. State Traffic Engineering and Operations (TEO) Office – Christine Shafik (Alternate – Derek Vollmer)
10. Miami-Dade Expressway Authority (MDX) – Wang Lee (Alternate – Gary Lau)
11. Central Florida Expressway Authority (CFX) – Brent Poole (Alternate – Bryan Homayouni)



Agenda



Time	Item	Lead
1:00 – 1:05	Welcome and Call for Quorum / Roll Call	Amy DiRusso
1:05 – 1:10	Previous Meeting Action Items	Amy DiRusso
1:10 – 1:20	CMB Chairman Nominations	Amy DiRusso
1:20 – 1:30	SunGuide Software Update	Christine Shafik
1:30 – 1:40	<u>Enhancement #1</u> SG-6384 - Add Roadway filter (VOTE)	Tucker Brown
1:40 – 1:50	<u>Enhancement #2</u> SG-5877 - DMS Font Management Improvement (VOTE)	Tucker Brown
1:50 – 2:00	<u>Enhancement #3</u> SG-6555 - Select Predefined Plan for FDLE Alert Types (VOTE)	Tucker Brown
2:00 – 2:10	<u>Enhancement #4</u> SG-5423 - Night Mode (VOTE)	Tucker Brown



Agenda



Time	Item	Lead
2:10 – 2:20	<u>Enhancement #5</u> SG-6494 - Color Code for FDLE Alerts (VOTE)	Tucker Brown
2:20 – 2:30	<u>Enhancement #6</u> SG-6365 - NWS Alerts full description (VOTE)	Tucker Brown
2:30 – 2:40	<u>Enhancement #7</u> SG-6519 - Filter Event Attributes from Event Type and Auto-Fill Attributes (VOTE)	Tucker Brown
2:40 – 2:50	<u>Enhancement #8</u> SG-6254 - RISC Management in SG (VOTE)	Tucker Brown
2:50 – 3:00	<u>Enhancement #9</u> SG-5430 - Add Dispatch Info to RR Popup and Modify RR Map Icon (VOTE)	Tucker Brown
3:00 – 3:10	<u>Enhancement #10</u> SG-6502 - Deleting Roadways (VOTE)	Tucker Brown



Agenda



Time	Item	Lead
3:00 – 3:10	<u>Enhancement #11</u> SG-6545 - TSS Raw Speed Data Availability on mouse-over (VOTE)	Tucker Brown
3:10 – 3:20	<u>Enhancement #12</u> SG-6603 - Road Ranger Safety Focus (VOTE)	Tucker Brown
3:20 – 3:30	Vote for CMB Chairman (VOTE)	Amy DiRusso
3:30 – 3:50	Open Discussion	Amy DiRusso
3:50 – 4:00	Review Action Items	Amy DiRusso



Previous Meeting Action Items

Amy DiRusso, P.E., FDOT D3

CMB Chairman



Previous Meeting Action Items

Owner	Action Item
Central Office	Update District Alternate to Yamilet Diaz.
Central Office	Update published information on SG-6458 - License Plate Match Pop-Up to indicate that no license plate recognition technology is being used.
Central Office	Send out email regarding Districts' interest in RITIS Training.



CMB Chairman Nominations

Amy DiRusso, P.E., FDOT D3

CMB Chairman



CMB Chairman Nominations

- Current CMB Chairman, Amy DiRusso:
 - Nominated at the April 27, 2021 CMB Meeting
 - Began serving at the July 20, 2021 CMB Meeting
- 2-year term expires at the end of today's meeting.



Previous CMB Chairmen

1. Liang Hsia – CO
2. Steve Corbin – D4 (2006)
3. Pete Vega – D2 (2008)
4. Eric Gordon – FTE (2010)
5. Javier Rodriguez – D6 (2012)
6. Derek Vollmer – CO (2014)
7. Bryan Homayouni – CFX (2016)
8. Jay Williams – D5 (2019)
9. Amy DiRusso - D3 (2021)



CMB Chairman Nominations

- Nominations are open for the next CMB Chairman.
- Voting will be conducted at the end of today's meeting.



SunGuide Software Update

Christine Shafik, PE, PMP, CPM, FCCM, FCCN, CGB
FDOT State TSM&O Software Engineer



Recent SunGuide Releases

- CO gave the go-ahead for statewide deployment of R8.2 in production on 12/16/2022.
- R8.2 HF1 was released to districts on 12/16/2022.
- R8.2 HF2 is currently being tested at the TERL.

SunGuide Release 8.2 HF2

- Contains several enhancements, including:
 - SG-3769 - Allow sharing of created VOD tours and layouts
 - SG-6087 - Collect additional data related to RR-involving incidents
 - SG-5508 - Make "Off ramp Backup" and "Congestion" available as options when planning events.
 - SG-5707 - Option to not open a report on completion (only email)



SunGuide Release 8.2 HF2

- Contains several bug fixes, including:
 - Resolved issues with beacon communications
 - Resolved issues with RWIS station communications
 - Resolved issues with Response Plans
 - Improved performance for VOD

SunGuide Release 8.2 HF3

- Design Review held at the 3/9/2023 SSUG Meeting.
- Contains several enhancements, including:
 - SG-6036 - EM selects predefined group of event attributes based on event type
 - SG-4649 - Keep DMS device icons on map when using TVT configuration
 - SG-5349 - FL-511 not publishing correct lane blockage if an event has both the turn lane and travel lane blocked.
 - SG-6513 - TPAS Generic Interface



QUESTIONS?

COMMENTS?



SunGuide Enhancement Voting



Enhancement #1: SG-6384 - Add Roadway filter

Tucker Brown



Enhancement



- Add a Roadway filter for the "Quarterly Incident Duration Full Detail" Report.
 - Like in the Performance Measures reports.
 - Right now, you can only select a Date and County.



LOE



- Estimate: \$4k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUVg>
Enhancement #1: SG-6384 - Add Roadway filter



Enhancement #2: SG-5877 - DMS Font Management Improvement

Tucker Brown



Current Behavior & Enhancement



- Current Behavior

- When setting a font on the sign, especially if changing one, it is necessary to run the auto-config to “Verify” the font.

- Enhancement

- The system should not require the administrator to re-verify changes made to the fonts on the sign. These should be automatically verified when the change is made.



LOE



- Estimate: \$11k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUVs>

Enhancement #2: SG-5877 - DMS Font Management Improvement



Enhancement #3: SG-6555 - Select Predefined Plan for FDLE Alert Types

Tucker Brown



Current Behavior and Enhancement



○ Current Behavior

- New FDLE alert can't be associated to the correct predefined plans.

○ Enhancement

- Allow attributes to be associated to predefined response plans.
- Suggest pre-defined response plan when the attributes match the event attributes.
- If no attributes are associated, behavior would be the same as current.



LOE



- Estimate: \$14k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUV2>

Enhancement #3: SG-6555 - Select Predefined Plan for FDLE Alert Types



Enhancement #4: SG-5423 - Night Mode

Tucker Brown



Current Behavior and Enhancement



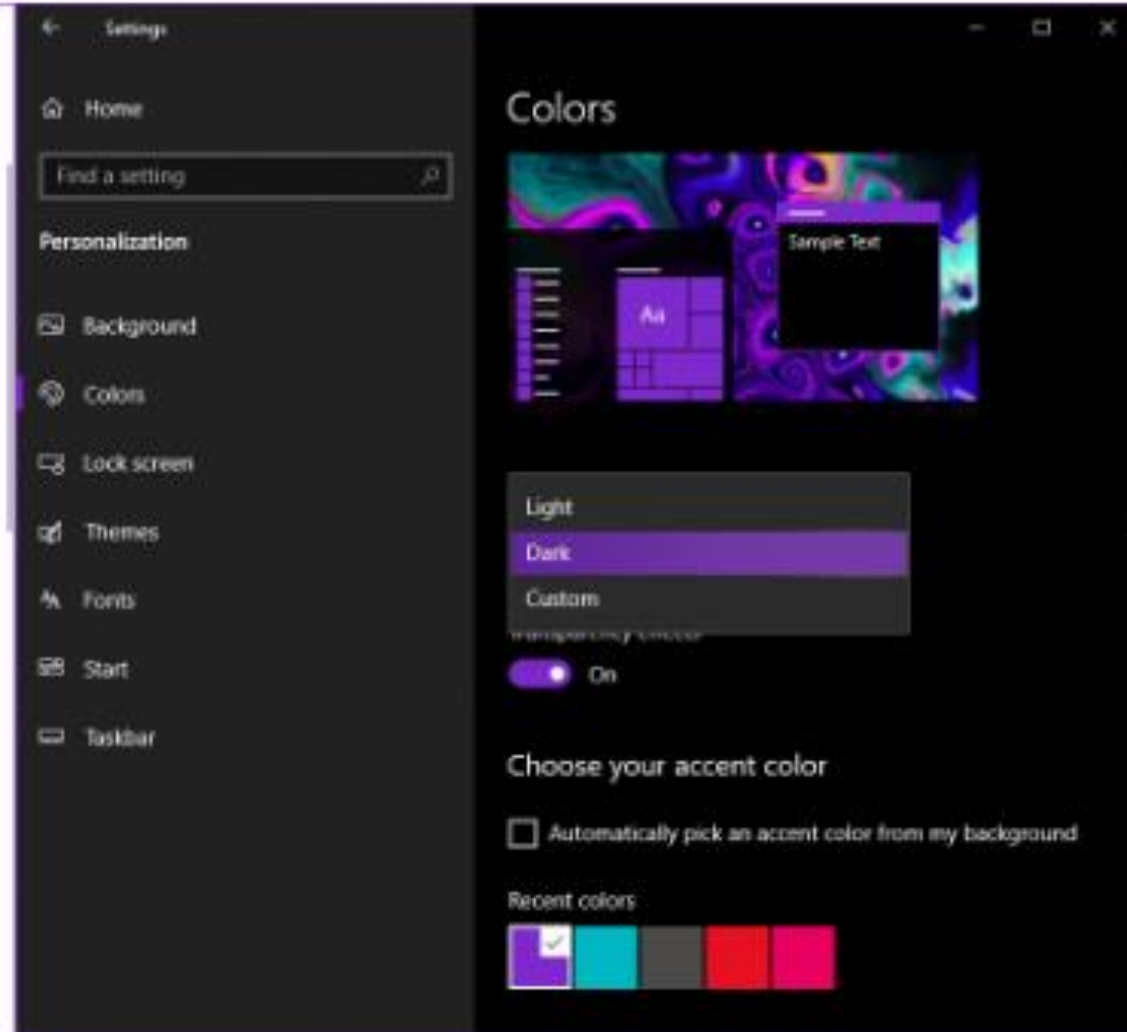
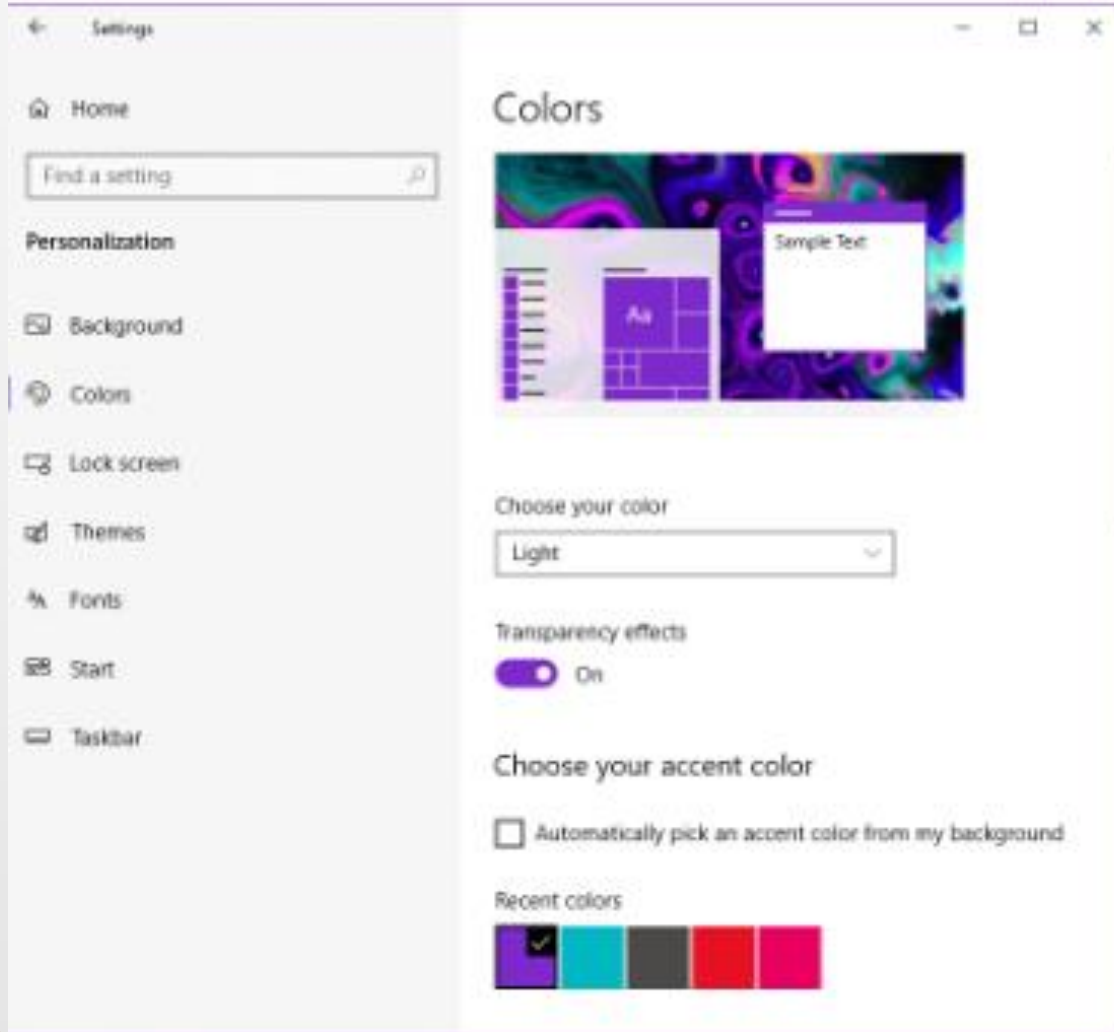
○ Current Behavior

- SunGuide doesn't have a “theme”, only a set color scheme which is a light blue background with white grids/elements.

○ Enhancement

- Create a “Night Mode” theme which will change the colors of dialogs to a darker color.
- Would make user selectable on/off.
- Would add user selectable dark time/light time.
- Would need a “Dark” tile set.

Enhancement





LOE



- Between 250-300 dialogs
 - Implementation, setup, and testing for each dialog
- Estimate: \$118k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUV6>
Enhancement #4: SG-5423 - Night Mode



Enhancement #5: SG-6494 - Color Code for FDLE Alerts

Tucker Brown

- Current Behavior
 - Events in the Event List are color coded only if owned by the user, or if they are stale.

- Enhancement
 - Color code all event types based on the attributes.
 - Would be a system-wide setting.
 - Initial use case is for AMBER, Silver, Blue, and Purple Alerts but any attribute may be used.
 - Color would be decided by first attribute.



LOE



- Estimate: \$16k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWC>
Enhancement #5: SG-6494 - Color Code for FDLE Alerts



Enhancement #6: SG-6365 - NWS Alerts full description

Tucker Brown



Current Behavior & Enhancement



○ Current Behavior

- For NWS alerts, the system displays the type and subject of the alert, but does not contain the full description sent by NOAA.

○ Enhancement

- Update the alert to include the full description.
- Add the full description as part of the event chronology if the alert is made into a new event or associated to an event.



Example NWS Alert



Coastal Flood Statement
Issued: March 14 at 10:18AM EDT
Expiring: March 14 at 10:00PM EDT
Areas affected: Monroe Middle Keys; Monroe Upper Keys

Urgency: Unknown
Status: Actual

Message: NOAA-NWS-ALERTS-FL12663CB02868.CoastalFloodStatement.12663CBD8EE0FL.KEYCFWKEY.21afeaeb1af711fbd21d40a12cad53c1 from w-nws.webmaster@noaa.gov
Sent: 10:18 EDT on 03-14-2023
Effective: 10:18 EDT on 03-14-2023
Expires: 22:00 EDT on 03-14-2023

Event: Coastal Flood Statement

Alert:

...COASTAL FLOOD STATEMENT REMAINS IN EFFECT THROUGH THIS EVENING...

- * WHAT...Minor saltwater flooding.
- * WHERE...Upper and Middle Florida Keys.
- * WHEN...Through Tuesday evening.
- * IMPACTS...Minor saltwater flooding of low elevation streets and lots is likely. Some storm drains will overflow, and some seawalls and docks will be overtopped. Boaters can expect less clearance under fixed bridges. Motorists should remember that persistent puddles around the times of high tide are almost certain to contain a mix of saltwater.

Instructions: Do not drive through flooded roadways.

Target Area: **Monroe Middle Keys**
Monroe Upper Keys

Short version

Full description



LOE



- Estimate: \$8k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWH>
Enhancement #6: SG-6365 - NWS Alerts full description

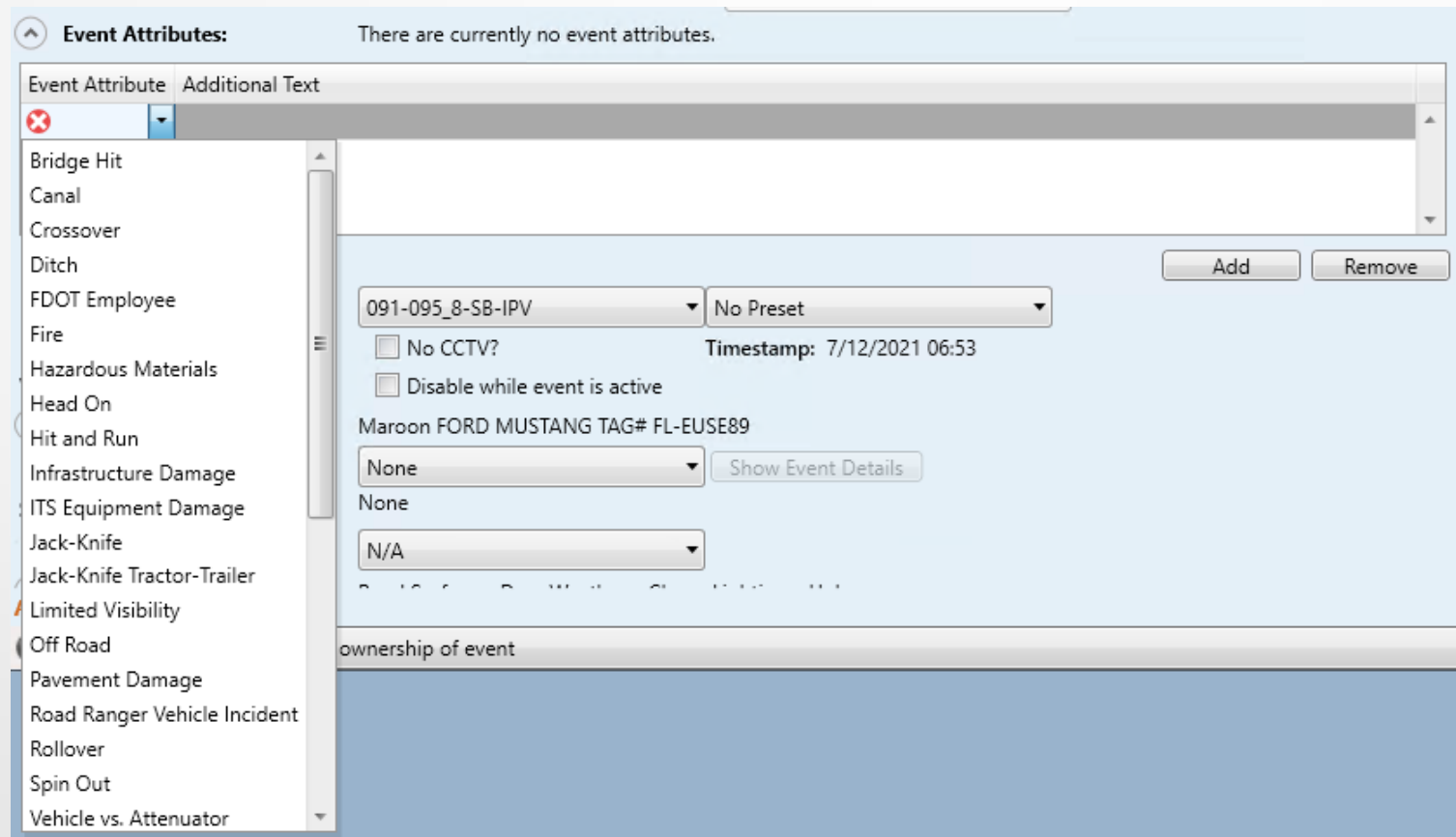


Enhancement #7: SG-6519 - Filter Event Attributes from Event Type and Auto-Fill Attributes

Tucker Brown

Current Behavior

- Operators can add attributes from a full list of configured attributes.



Event Attributes: There are currently no event attributes.

Event Attribute	Additional Text
Bridge Hit	
Canal	
Crossover	
Ditch	
FDOT Employee	
Fire	
Hazardous Materials	
Head On	
Hit and Run	
Infrastructure Damage	
ITS Equipment Damage	
Jack-Knife	
Jack-Knife Tractor-Trailer	
Limited Visibility	
Off Road	
Pavement Damage	
Road Ranger Vehicle Incident	
Rollover	
Spin Out	
Vehicle vs. Attenuator	

091-095_8-SB-IPV No Preset

No CCTV? Disable while event is active

Timestamp: 7/12/2021 06:53

Maroon FORD MUSTANG TAG# FL-EUSE89

None Show Event Details

None

N/A

ownership of event



Enhancements



○ Enhancement 1

- Allow administrators to configure specific attributes available for each event type. (Whitelist)
- Filter the list to only those attributes when the event type is selected.
- If no configuration is specified for the event type, all attributes would be available.
- Add a “Show All” button to remove the filtering.

○ Enhancement 2

- Users can type into the drop down to quickly find attributes.



LOE



- Estimate: \$17k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWQ>

Enhancement #7: SG-6519 - Filter Event Attributes from Event Type and Auto-Fill Attributes



Enhancement #8: SG-6254 - RISC Management in SG

Tucker Brown



Current Behavior



- Default Equipment is added to a RISC event.
- Additional Equipment can be requested, but not removed.

Equipment Tracking

Equipment Type	Arrival Due Date	Arrived On-Scene Date	Verified On-Scene Date	Utilized?	
Heavy Duty Wrecker	12/02/2020 18:43	12/02/2020 17:43	12/02/2020 17:43	No	
Heavy Duty Rotator	12/02/2020 18:43	12/02/2020 17:43	12/02/2020 17:43	Yes	
Recovery Support Vehicle	12/02/2020 18:43	12/02/2020 17:43	12/02/2020 17:44	Yes	

Arrive On-Scene Verify On-Scene Mark Utilized



Enhancement 1



- Change section from “Request Additional Equipment” to “Manage Equipment”.
- Add columns showing “Added” and “Removed” timestamps showing when the equipment was managed.



Enhancement 2



- Override Rotation Option
 - Allow users to select a vendor without documenting action against the current vendor.
 - Full list of vendors would be available
 - No reorder of the list would occur.
 - Would require the operator to specify the authorizer for the override.



LOE



- Estimate: \$22k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWT>
Enhancement #8: SG-6254 - RISC Management in SG



Enhancement #9:

SG-5430 - Add Dispatch Info to RR
Popup and Modify RR Map Icon

Tucker Brown



Enhancement



- Add all event numbers for events where the Road Ranger is currently dispatched or arrived to the Road Ranger icon popup.
- Add an indicator to the Road Ranger icon that would visually indicate the Road Ranger is dispatched.
 - This would still allow coloring based on current state, while also showing the RR is dispatched to other events.



LOE



- Estimate: \$9k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWe>
Enhancement #9: SG-5430 - Add Dispatch Info to RR Popup and
Modify RR Map Icon



Enhancement #10: SG-6502 - Deleting Roadways

Tucker Brown



Current Behavior & Enhancement



○ Current Behavior

- Roadways can be added and slightly modified, but not deleted.

○ Enhancement

- Allow Roadways to be “Ceased Use”.
- Allow Roadways to be renamed.
- This has impacts beyond EM, to all devices and other parts of the system that use roadway data.
- Checks would need to be in place to ensure there are no other usages.
 - Deletion would not be allowed if roadway was in use.



LOE



- Estimate: \$49k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWh>
Enhancement #10: SG-6502 - Deleting Roadways



Enhancement #11: SG-6545 - TSS Raw Speed Data Availability on mouse-over

Tucker Brown



Current Behavior and Enhancement



- Current Behavior

- Hover text on TSS links show the average speed.

- Enhancement

- Show the raw speed instead of the average speed.



LOE



- Estimate: \$3k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWj>

Enhancement #11: SG-6545 - TSS Raw Speed Data Availability on mouse-over



Enhancement #12: SG-6603 - Road Ranger Safety Focus

Tucker Brown



Enhancement



- For mainline-only events involving RR
 - If only a single-phase response plan message is used, suggest a 2nd phase that would be a "RR Move-Over" PSA message.
 - Configurable behavior. Can maintain the current behavior if desired.



LOE



- Estimate: \$11k



QUESTIONS?

COMMENTS?



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWm>

Enhancement #12: SG-6603 - Road Ranger Safety Focus



Vote for CMB Chairman

Amy DiRusso, P.E., FDOT D3

CMB Chairman



VOTE NOW

Select the link for: <https://questionpro.com/t/ABslzZxUWq>
CMB Chairman



Open Discussion

Amy DiRusso, P.E., FDOT D3
CMB Chairman



Review of Action Items

Amy DiRusso, P.E., FDOT D3

CMB Chairman

Have a Nice Day

