7.2 Design Review

SwRI Team

Format

- Presenter will give a brief description of the enhancement being done
- Presenter will walk through the dialog pointing out specific features and functionality that will be available
- Questions and comments are encouraged at any time

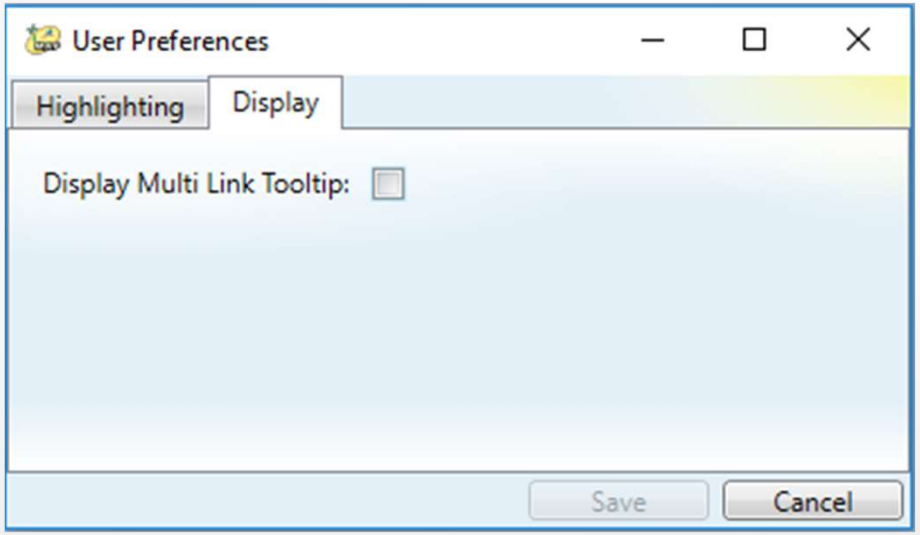
2736 - View Overlapping Links on the Operator Map

SwRI Team

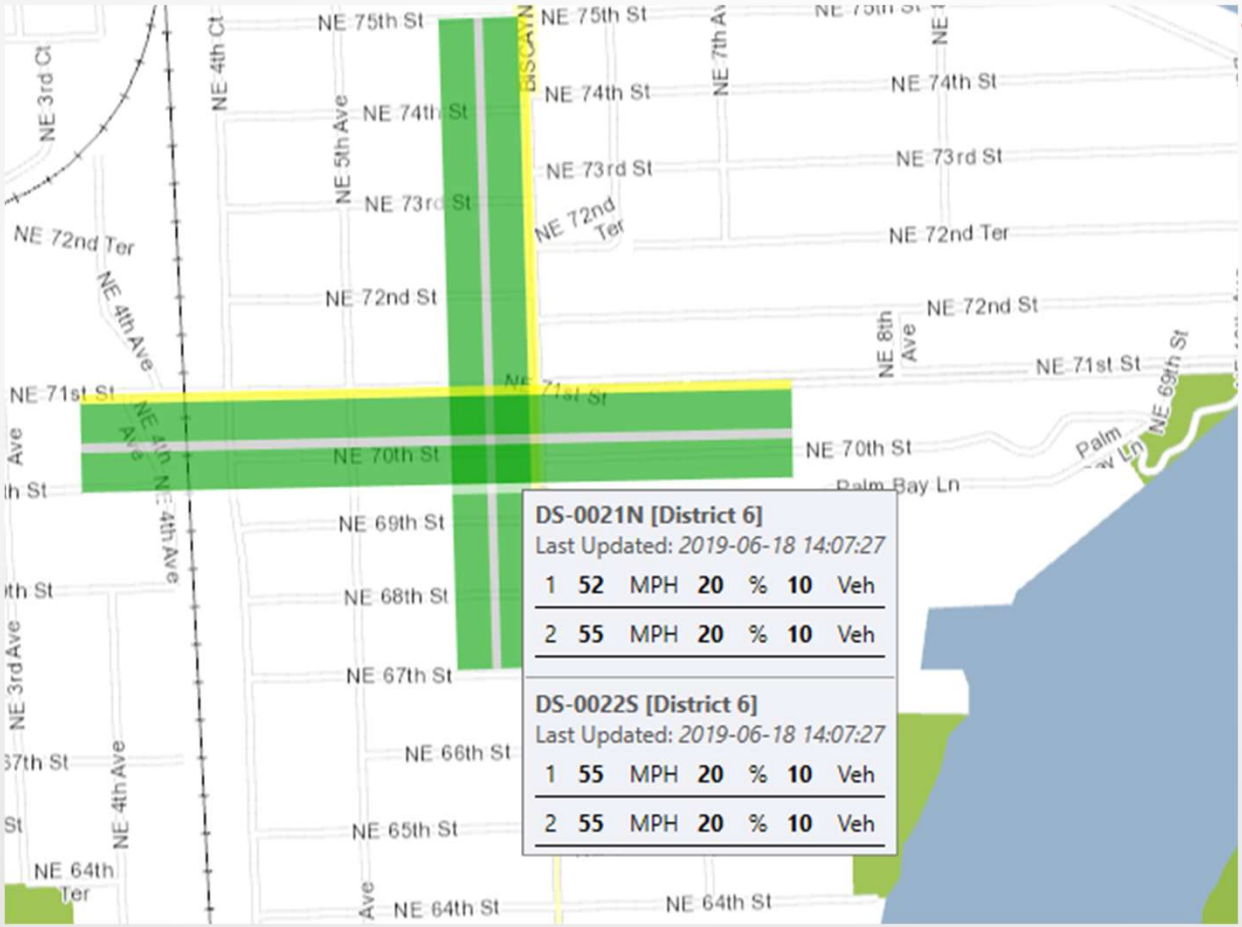
Overlapping Links

- When TSS links overlap, you are unable to view speeds for the links underneath another link.
- This will add to the hover text to allow the user to view the data
  - Feature is optional per user

User Configuration



Hover Text


NE 75th St
NE 74th St
NE 73rd St
NE 72nd Ter
NE 72nd St
NE 71st St
NE 70th St
NE 69th St
NE 68th St
NE 67th St
NE 66th St
NE 65th St
NE 64th St
NE 3rd Ct
NE 4th Ct
NE 5th Ave
NE 4th Ave
NE 3rd Ave
NE 8th Ave
NE 7th Ave
Palm Bay Ln
DS-0021N [District 6]
Last Updated: 2019-06-18 14:07:27
1 52 MPH 20 % 10 Veh
2 55 MPH 20 % 10 Veh
DS-0022S [District 6]
Last Updated: 2019-06-18 14:07:27
1 55 MPH 20 % 10 Veh
2 55 MPH 20 % 10 Veh

QUESTIONS?

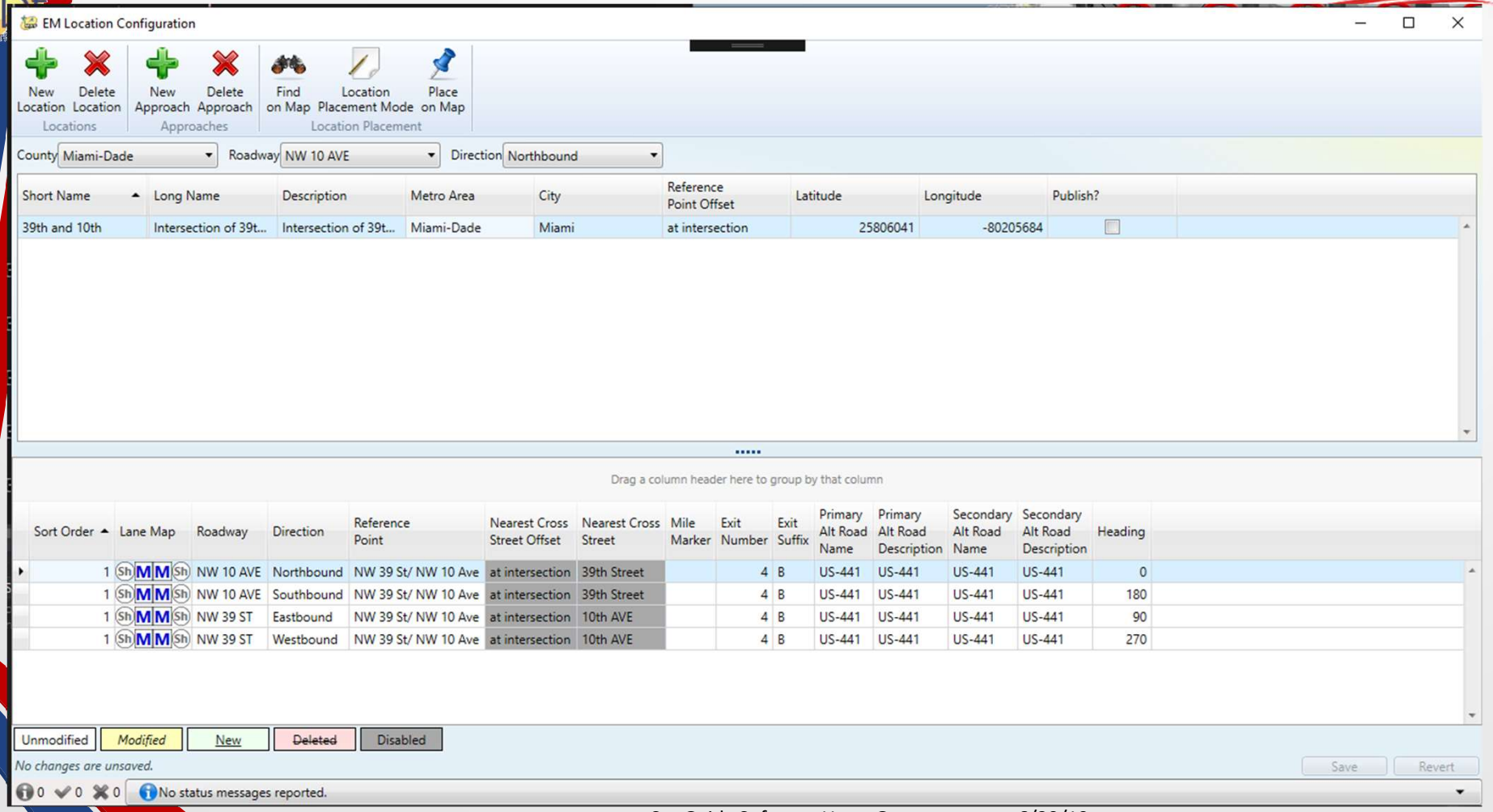
4650 - EM Intersection Locations

SwRI Team

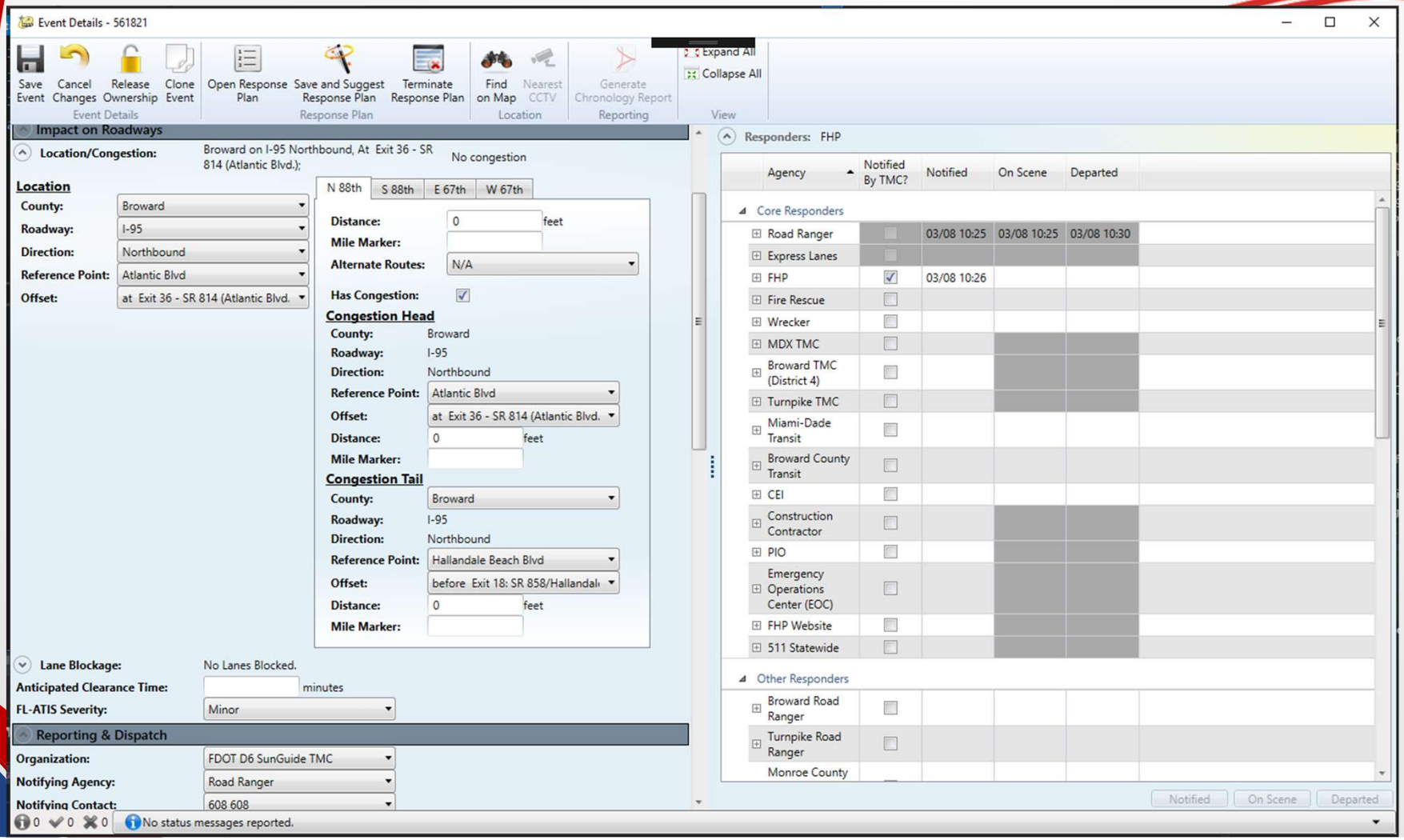
EM Intersection Locations

- Ability for the system to configure intersections
- Ability for the system to use intersections as a location for event management
- Ability to audit the location and the lane blockage using intersections

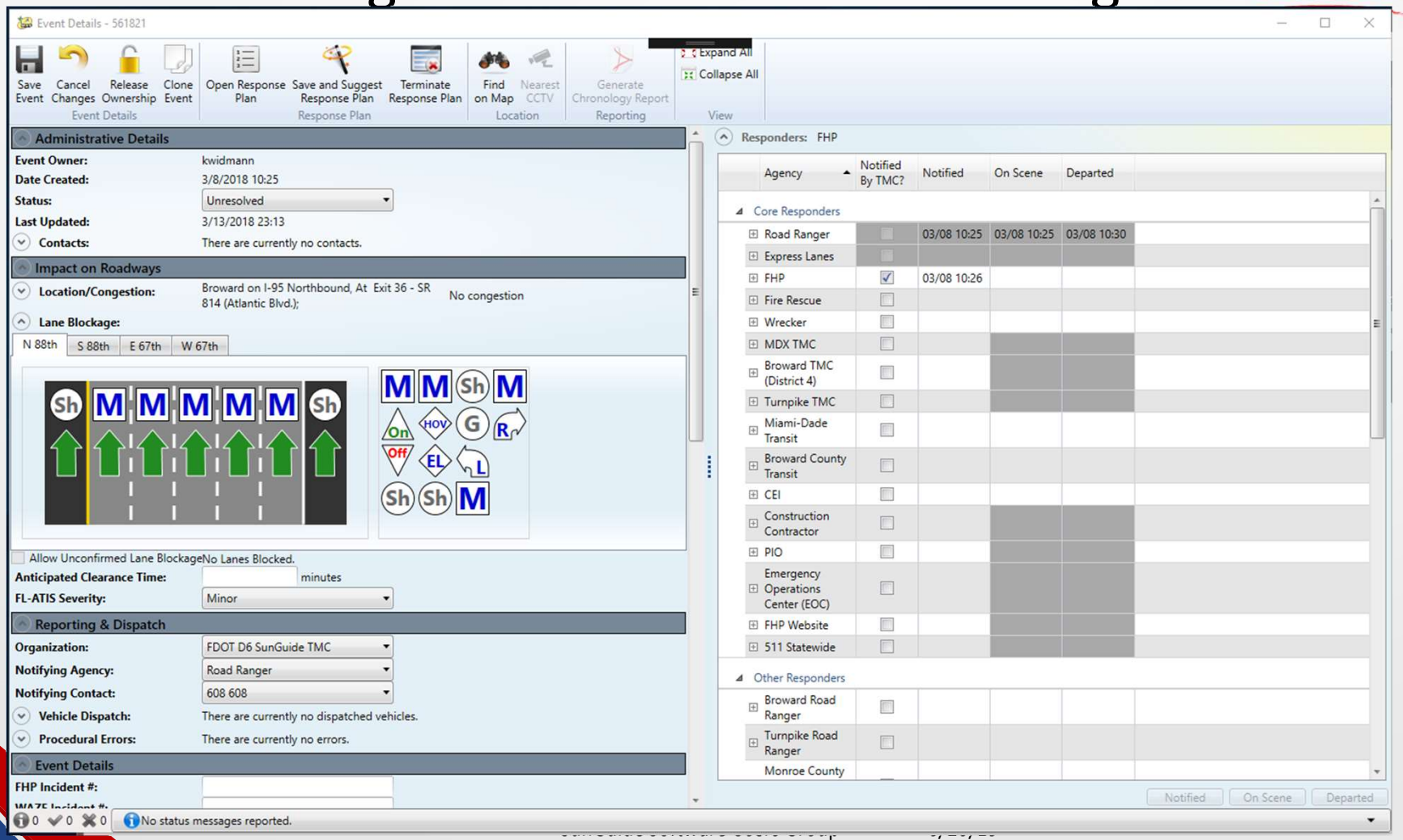
Configuration



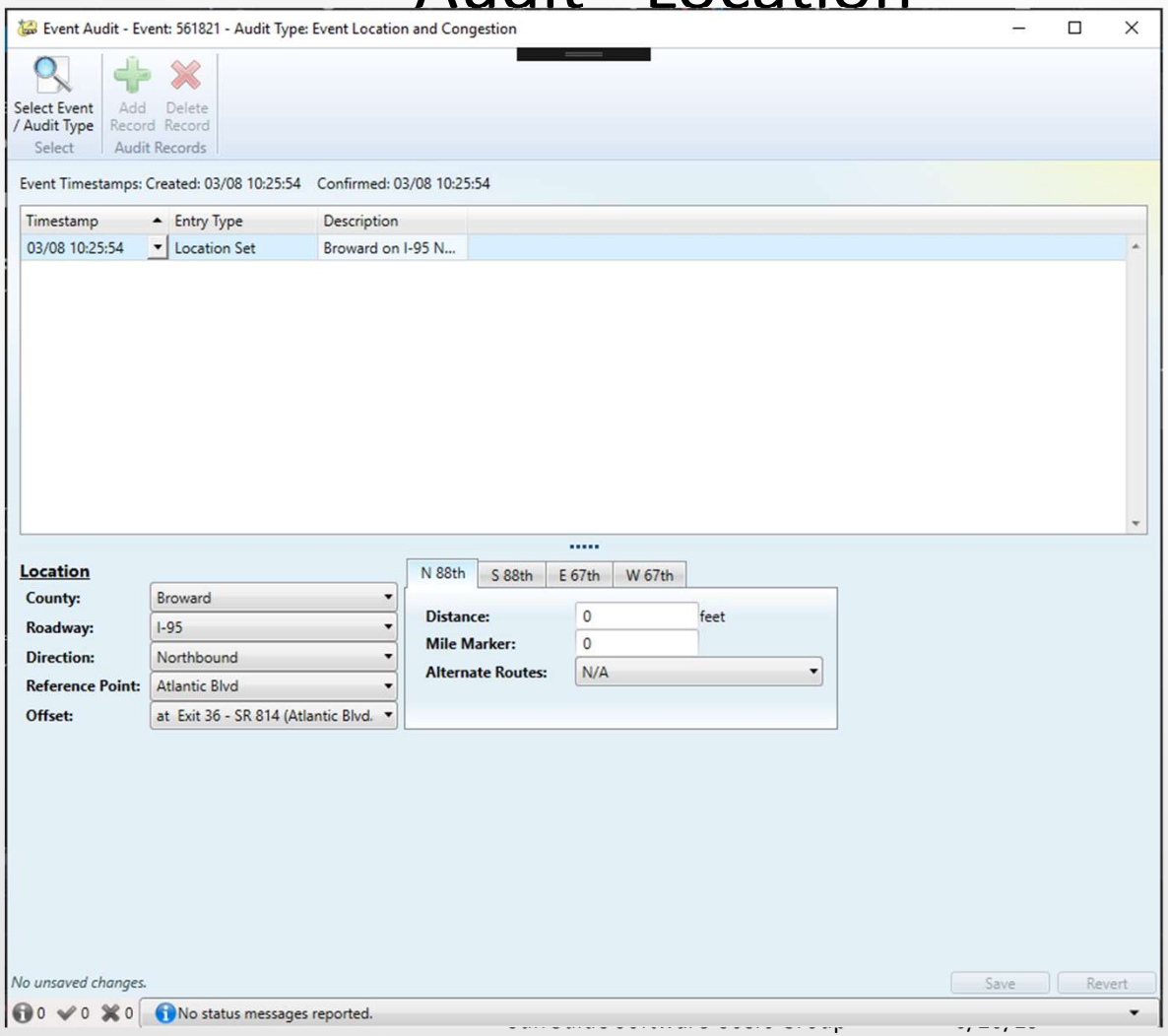
Congestion in the Event Details Dialog



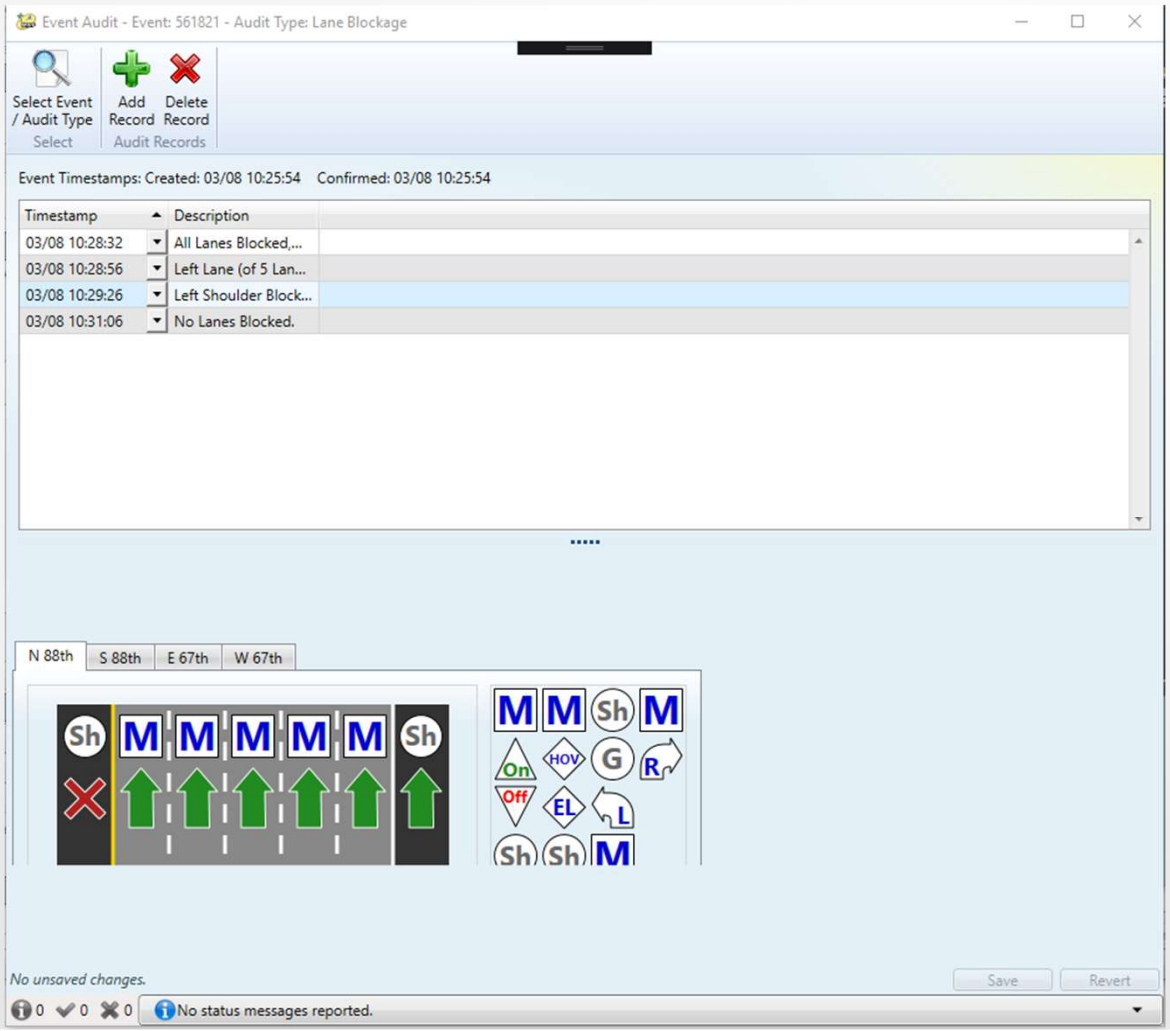
Lane Blockage in the Event Details Dialog



Audit - Location



Audit – Lane Blockage



QUESTIONS?

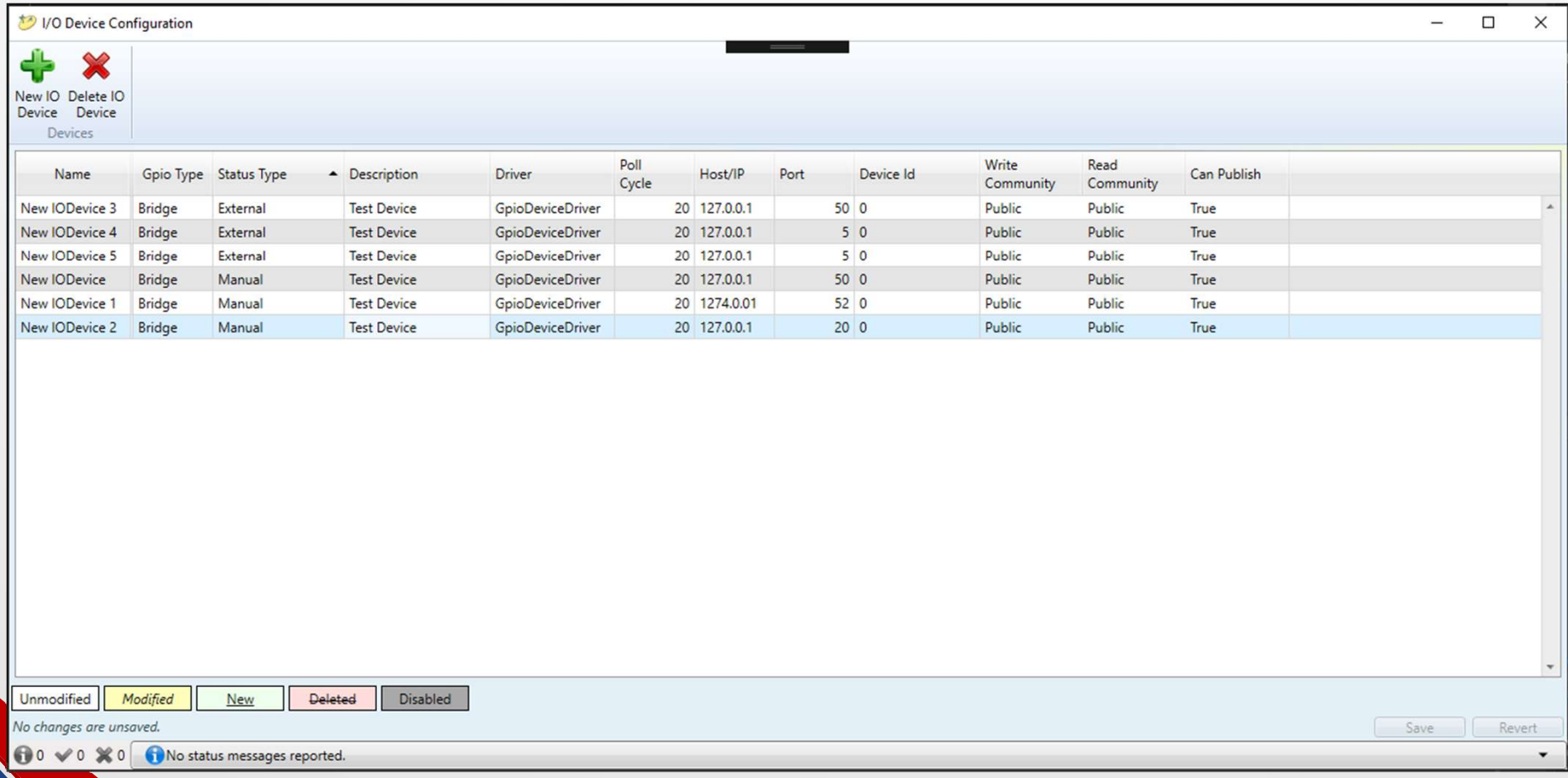
4577 - Bridge Feature

SwRI Team

Bridge Features

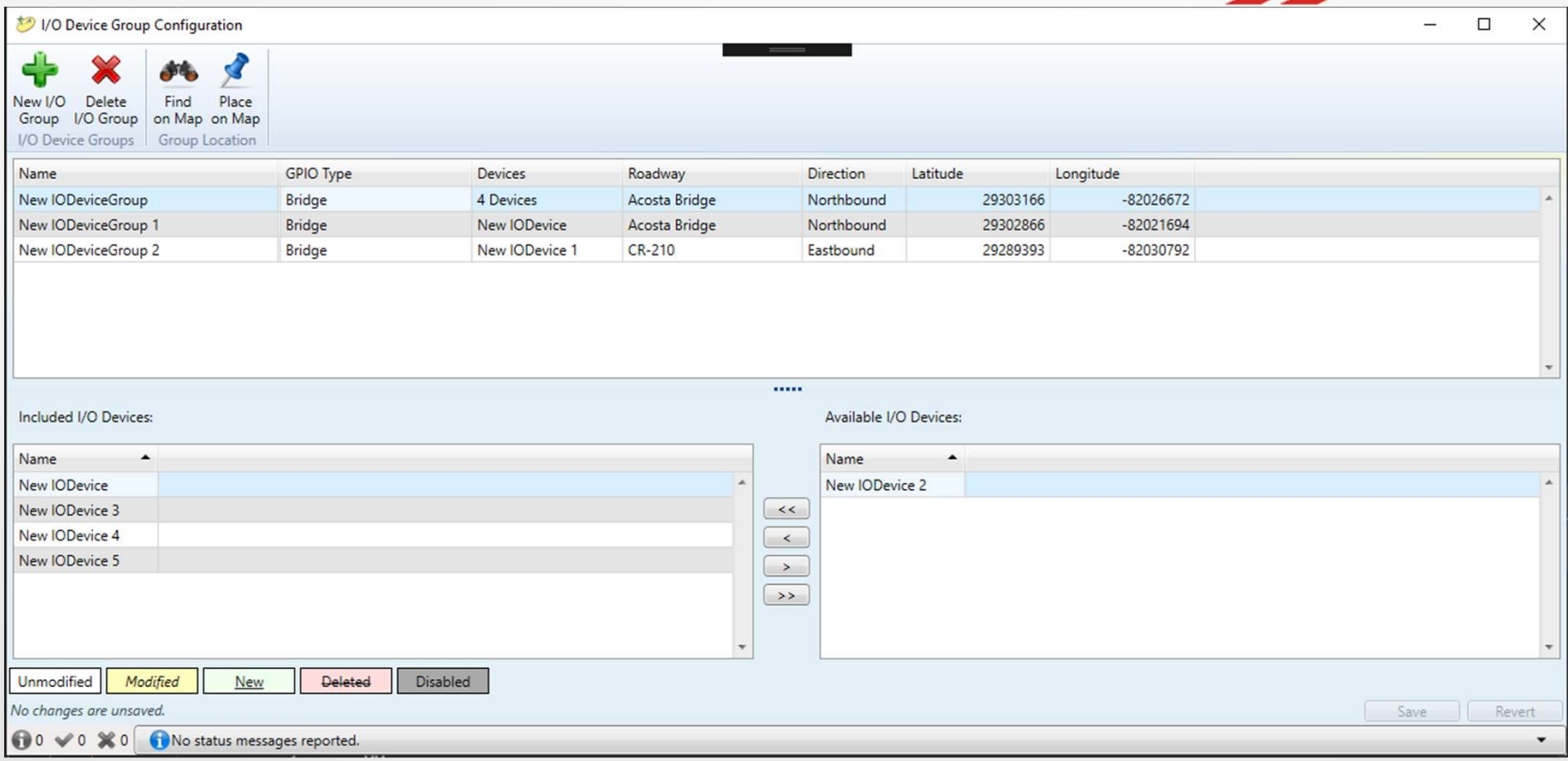
- Ability for the system to track “bridge” features (as well as other generic features).
- Subsystem and base functionality was taken from TxDOT under the original name GPIO (General Purpose Input/Output)

Device (“Bridge”) Config

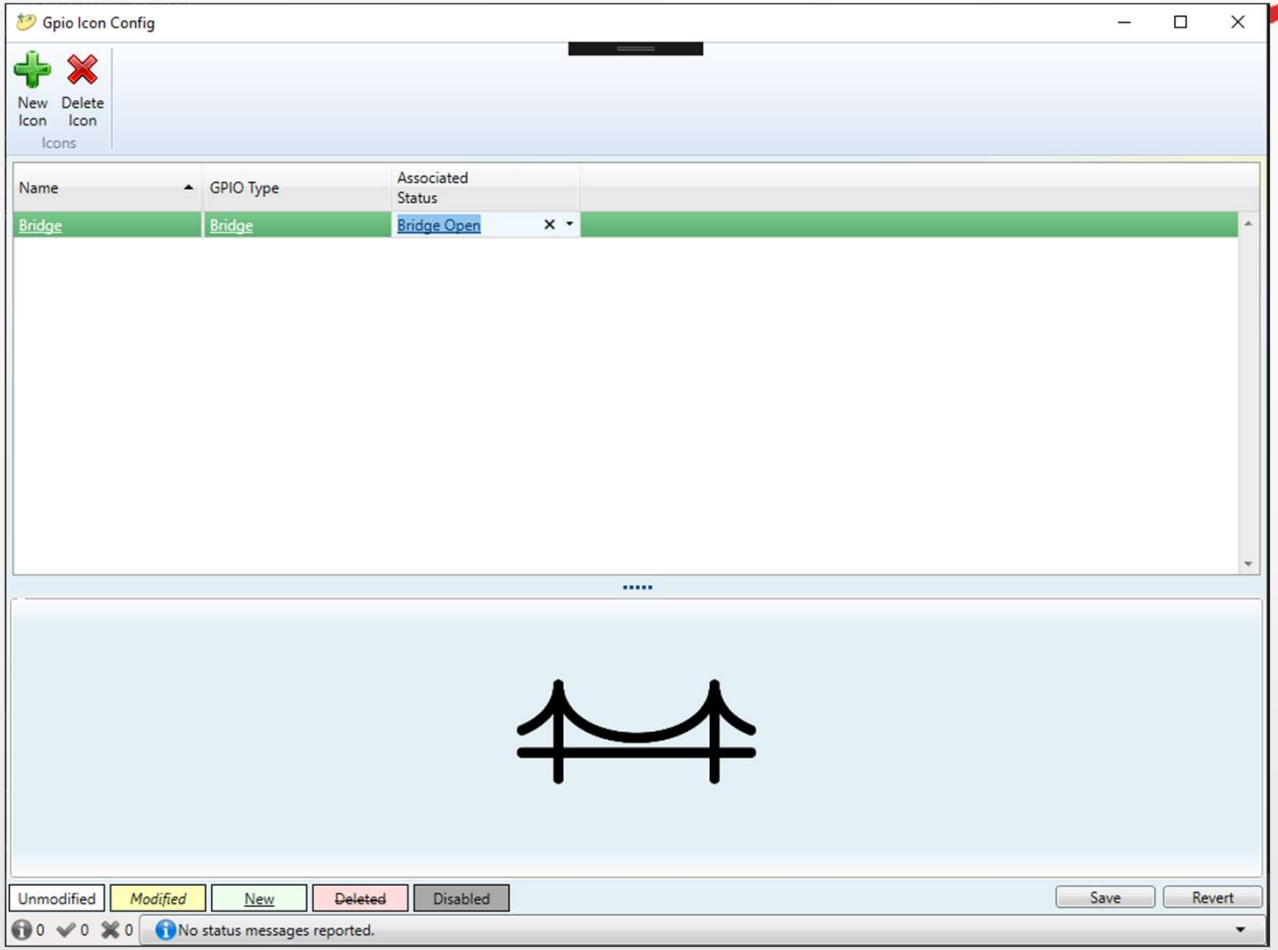


Name	Gpio Type	Status Type	Description	Driver	Poll Cycle	Host/IP	Port	Device Id	Write Community	Read Community	Can Publish
New IODevice 3	Bridge	External	Test Device	GpioDeviceDriver	20	127.0.0.1	50	0	Public	Public	True
New IODevice 4	Bridge	External	Test Device	GpioDeviceDriver	20	127.0.0.1	5	0	Public	Public	True
New IODevice 5	Bridge	External	Test Device	GpioDeviceDriver	20	127.0.0.1	5	0	Public	Public	True
New IODevice	Bridge	Manual	Test Device	GpioDeviceDriver	20	127.0.0.1	50	0	Public	Public	True
New IODevice 1	Bridge	Manual	Test Device	GpioDeviceDriver	20	1274.0.01	52	0	Public	Public	True
New IODevice 2	Bridge	Manual	Test Device	GpioDeviceDriver	20	127.0.0.1	20	0	Public	Public	True

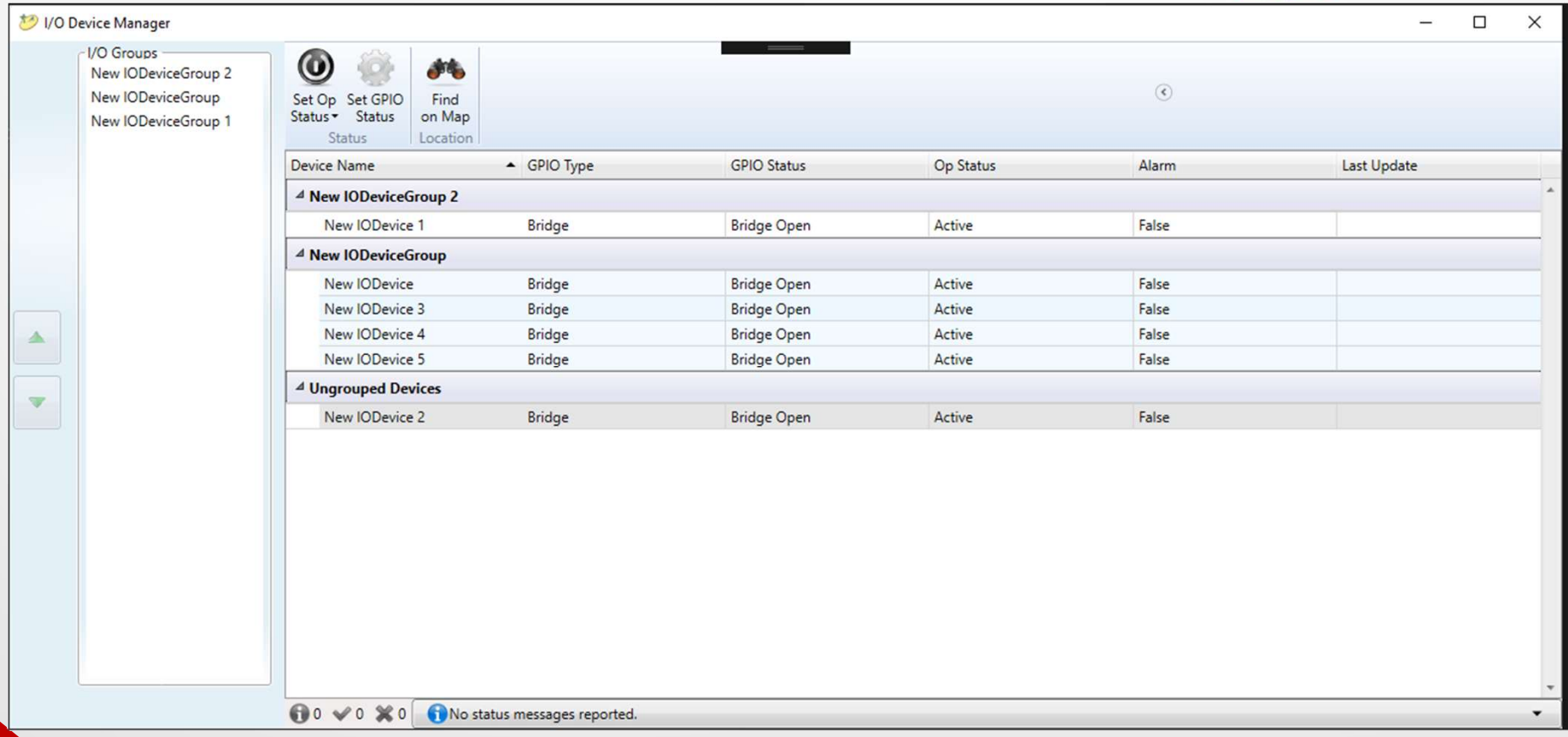
Group Config



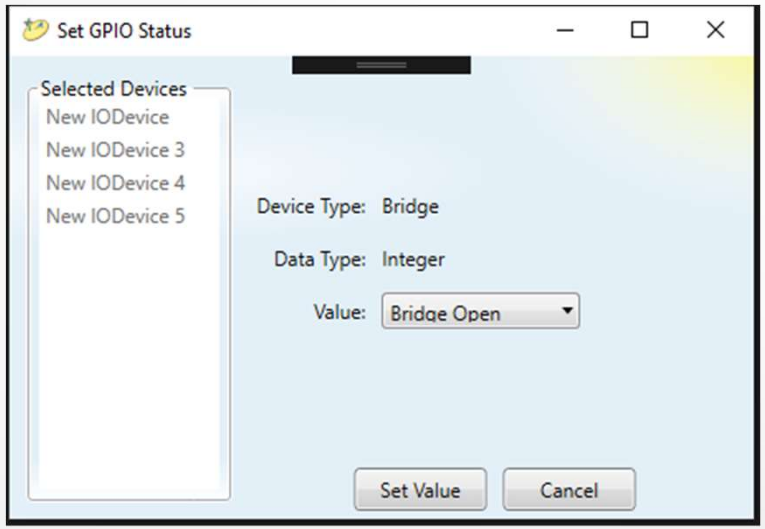
Device (“Bridge”) Icon Configuration



Change Device (“Bridge”) Status



Change Device (“Bridge”) Status



QUESTIONS?

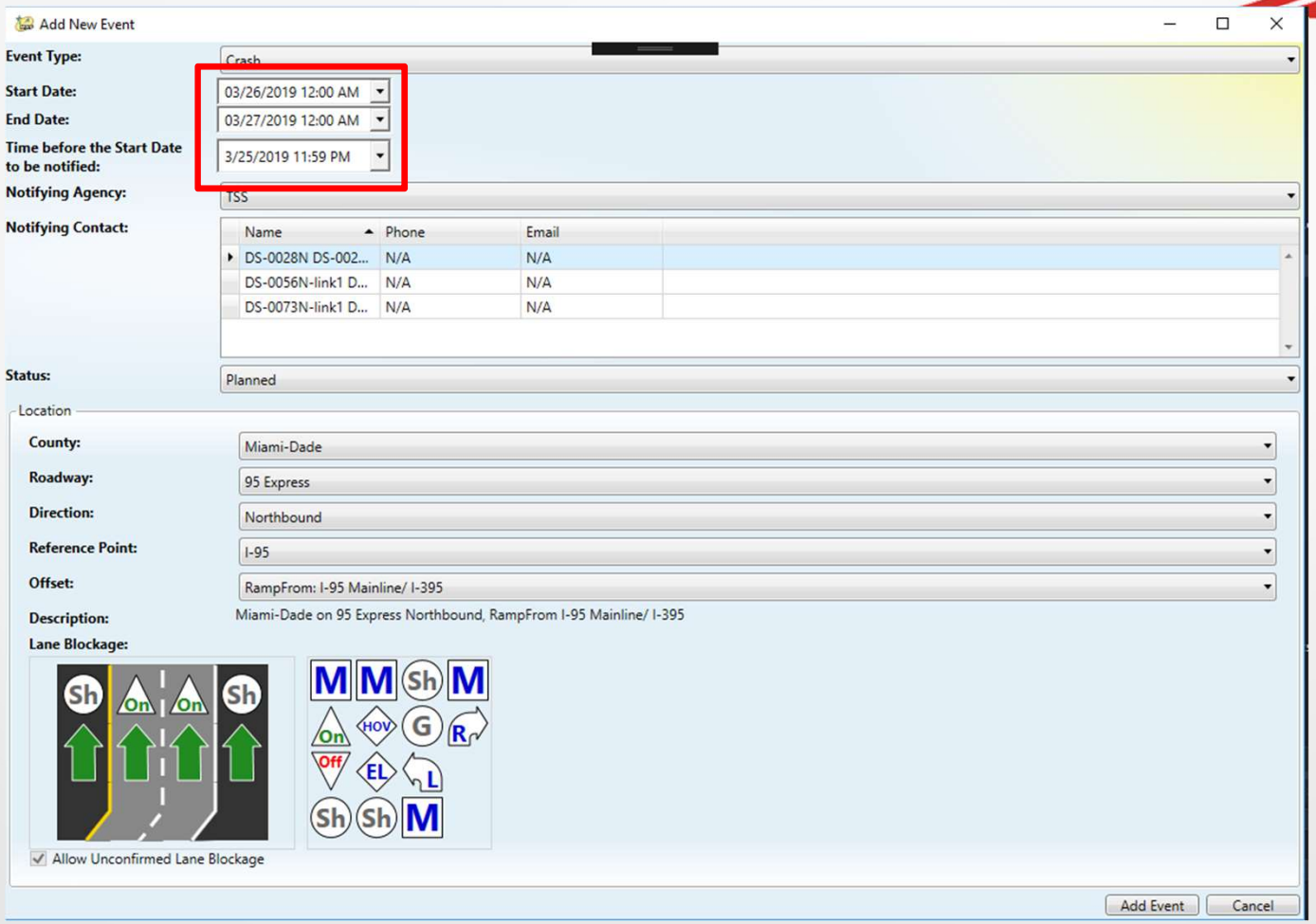
3860 - Planned Events

SwRI Team

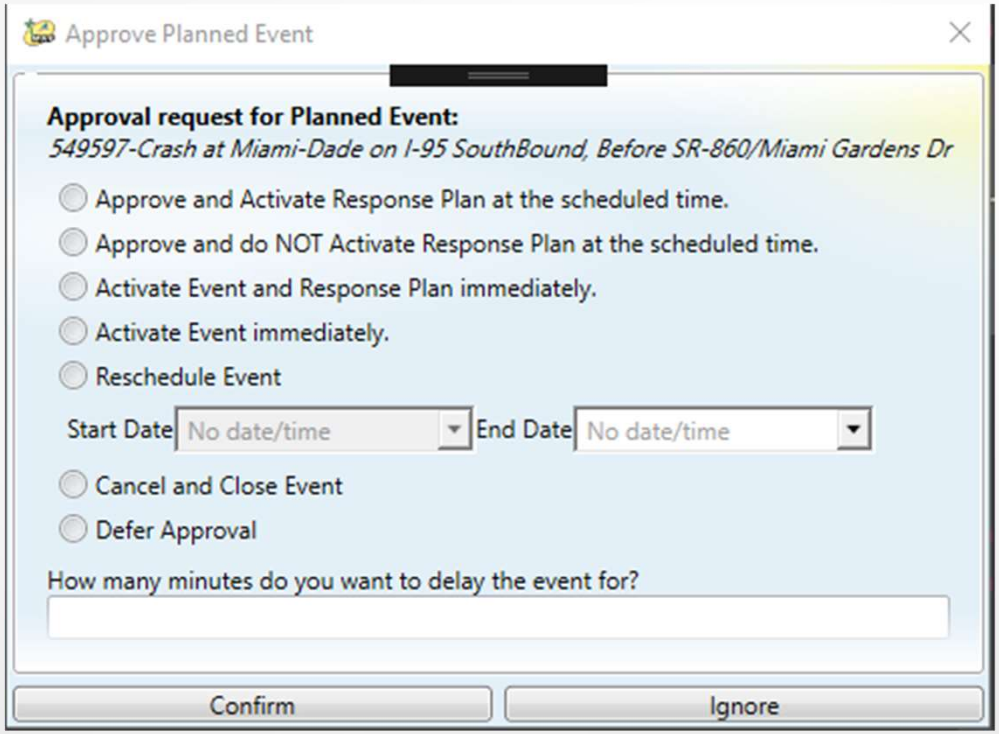
Planned Events

- Ability to schedule an event to become active at a particular time.
- Ability to take action on the event at the start.
- Ability to reschedule the event for a future time.

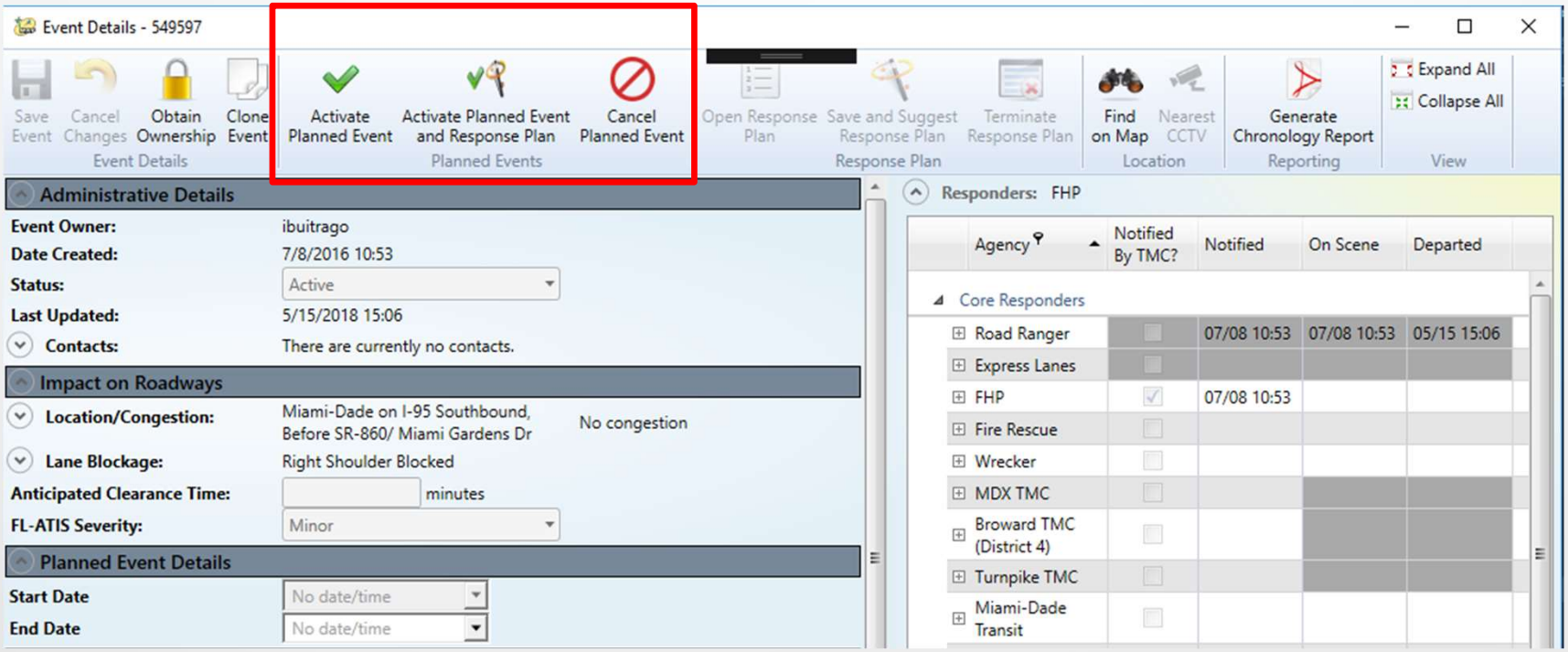
Planned Event Setup



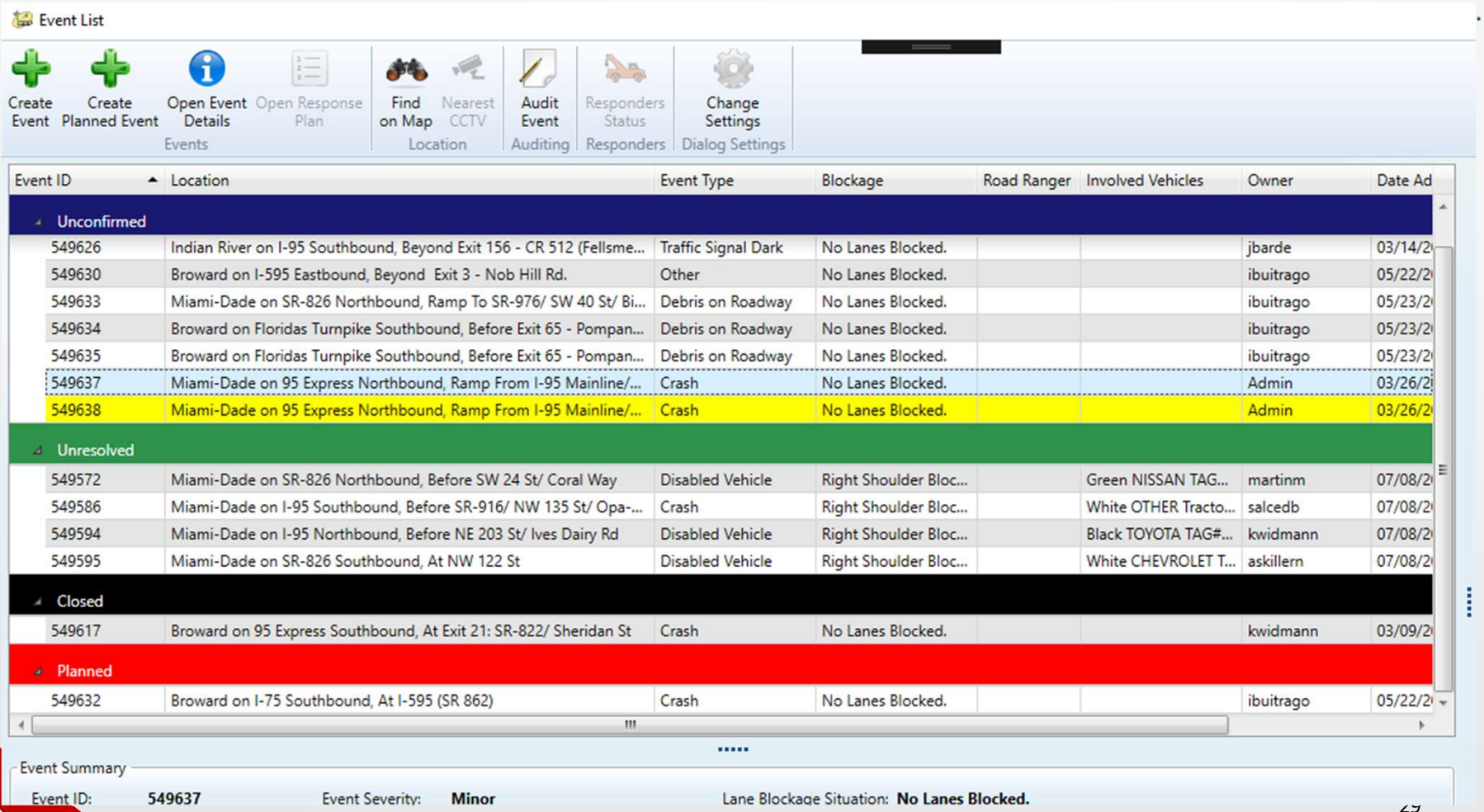
Planned Event Approval



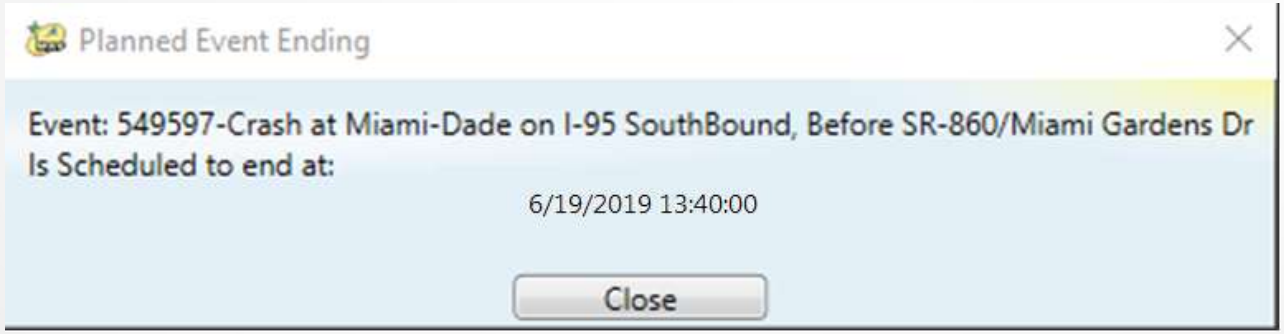
Planned Event Details



Planned Event in Event List



Planned Event Ending



QUESTIONS?

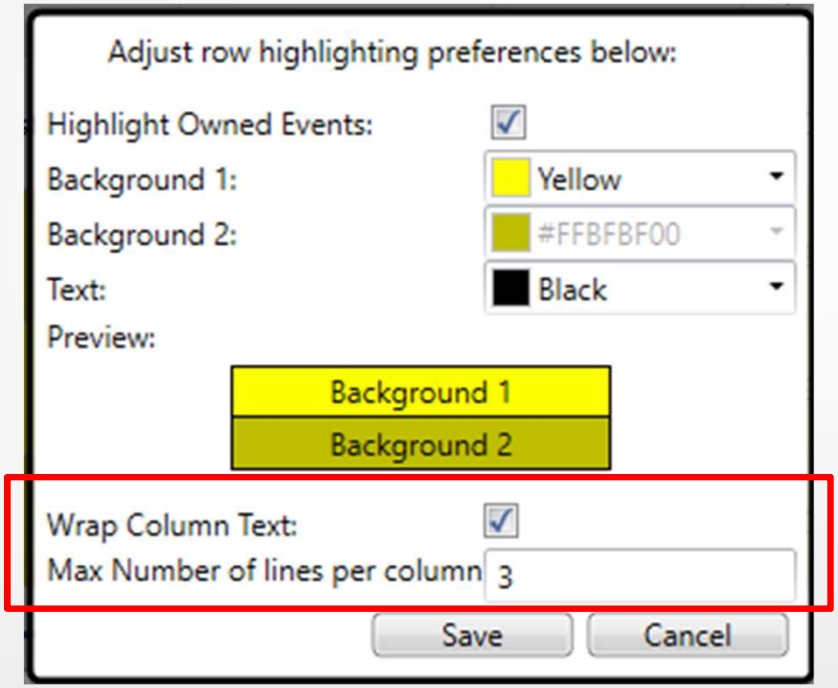
4301 – Event List Row Height

SwRI Team

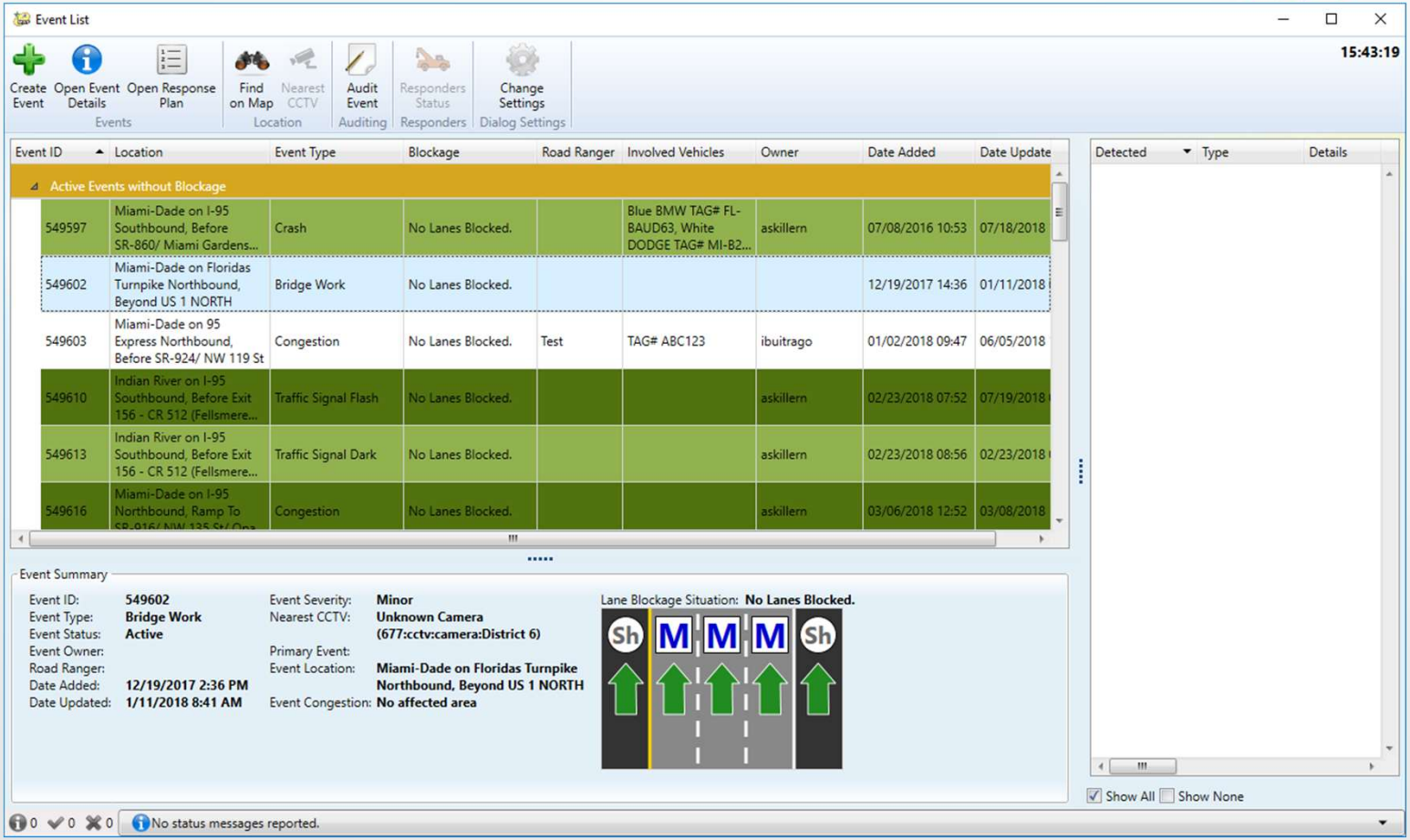
Event List Row Height

- When using vertical monitors, the system can cut off parts of columns and multiple rows per event may be desired.
  - User Configurable

User Configuration



Row Height on Event List Dialog



QUESTIONS?

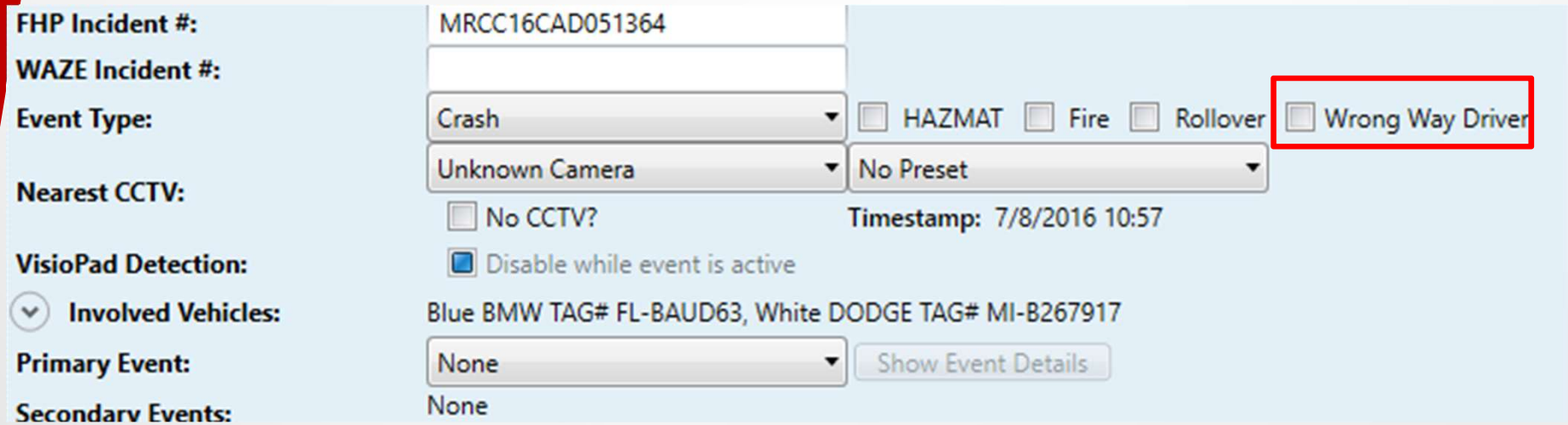
4650 – WWD Crash Descriptor

SwRI Team

WWD Crash Descriptor

- Ability to set the property for an event indicating the event is associated with WWD

WWD Crash Descriptor



QUESTIONS?

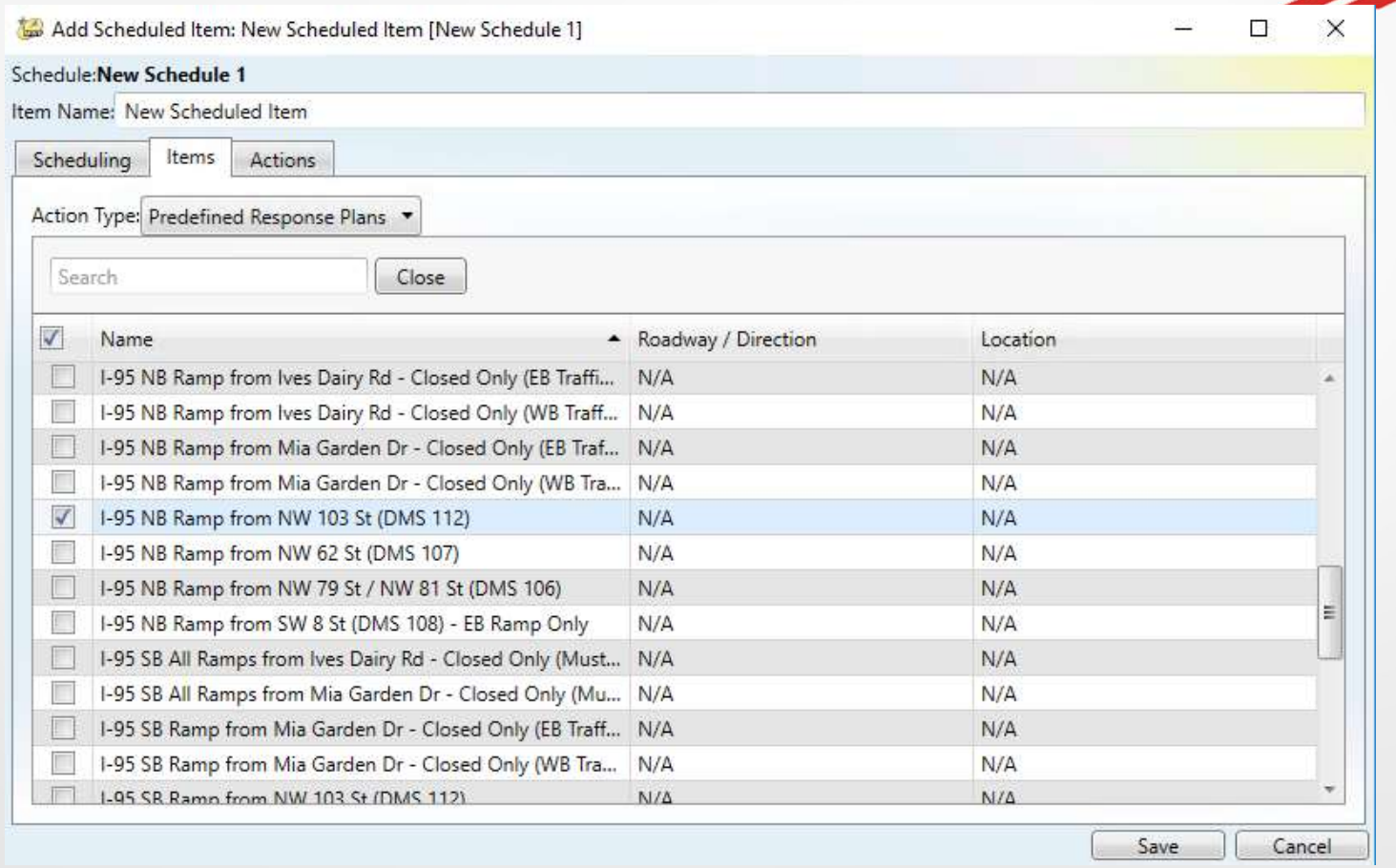
3986 - SAS Color/ Non-Color signs

SwRI Team

SAS Color/ Non-Color Signs

- There is currently no way to send DMS messages to signs using a combination of Color and Non-Color messages via SAS
- Ability to schedule the activation of a pre-defined response plan
- Allows users to configure a variety of signs, messages, graphics, and color.

SAS Response Plan Configuration



QUESTIONS?

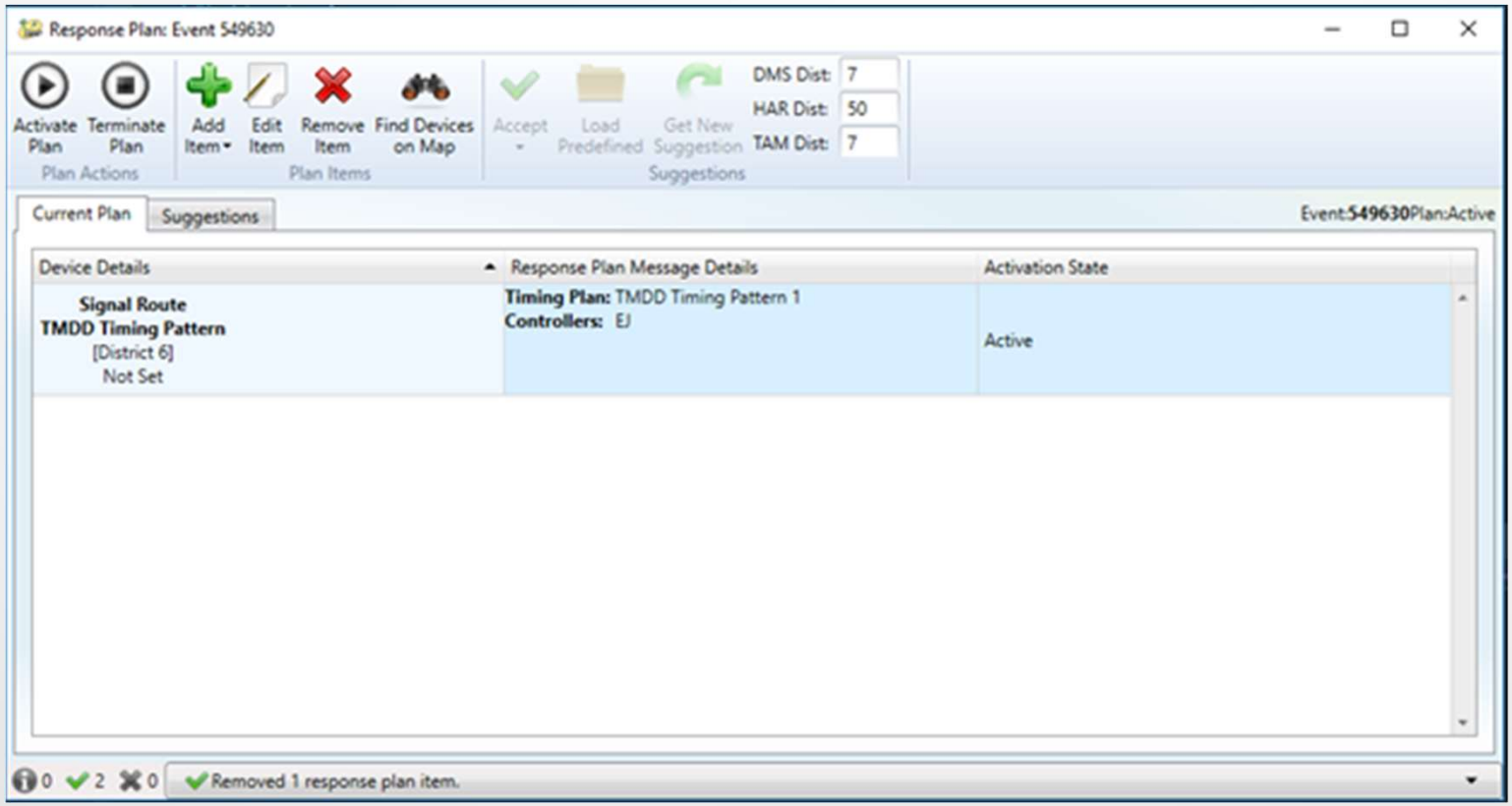
4329 - TMDD Traffic Signals

SwRI Team

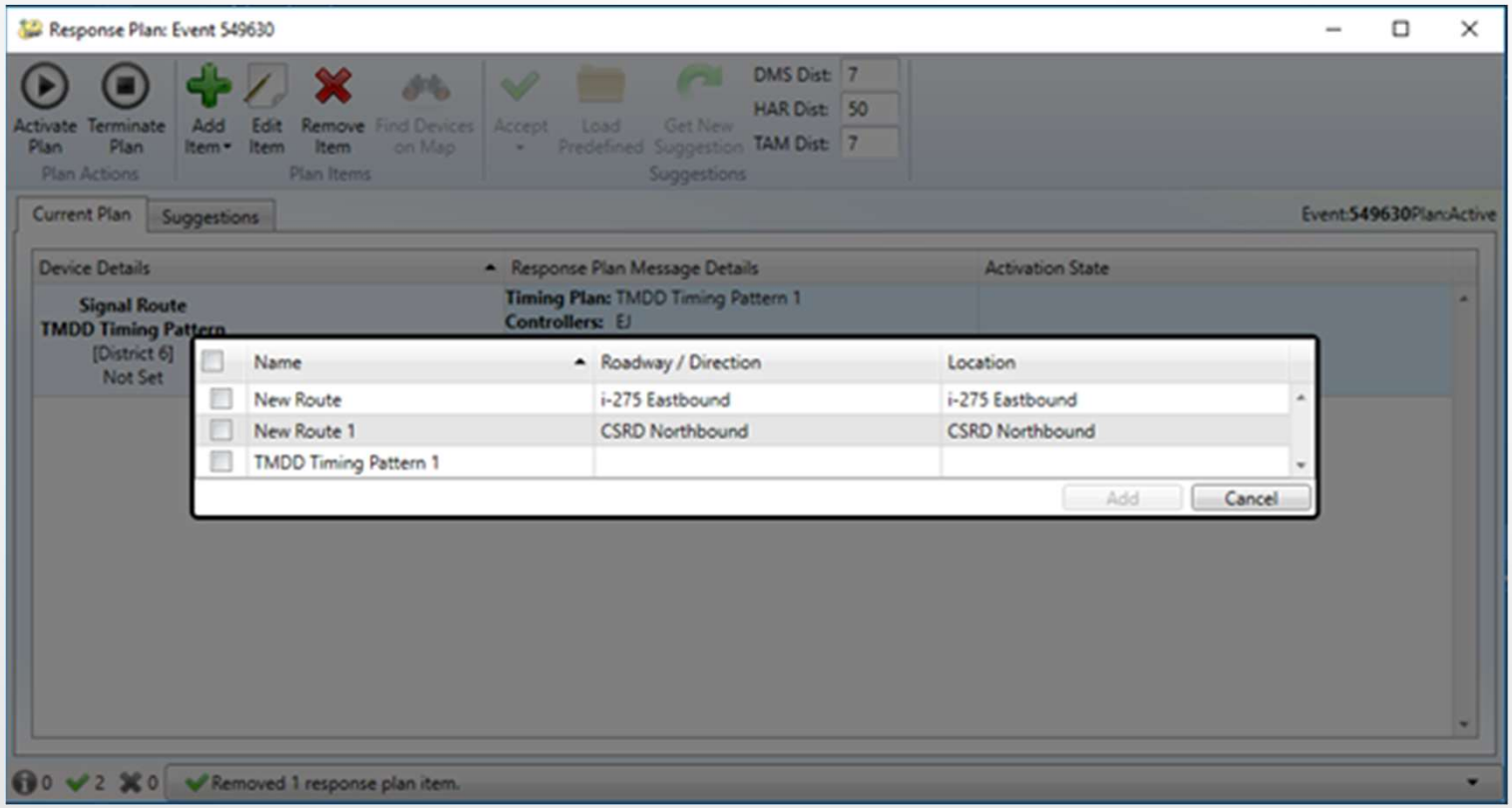
TMDD Traffic Signals

- Ability for the system to use traffic signal plans from 3rd party traffic signal vendors using the TMDD standard
- Standard usage will be for a 3rd party system to create the response plans and then have operators activate the plan

Traffic Signals



Traffic Signals



QUESTIONS?

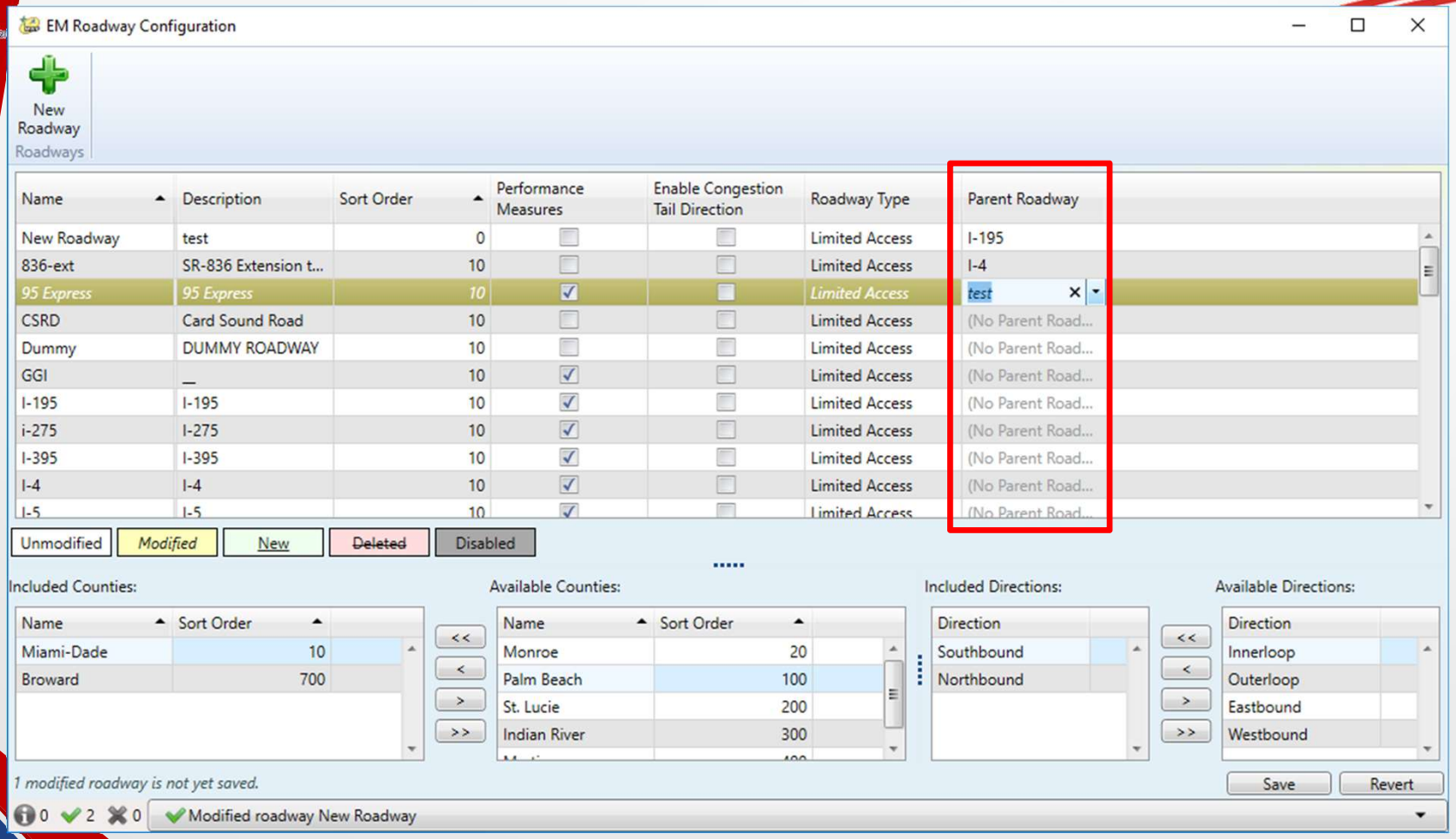
3848 – Primary/Secondary Roadway

SwRI Team

Primary/Secondary Roadway

- Ability to set a Primary roadway name for a roadway to allow for changes in the name on certain parts of the roadway

Primary/Secondary Roadway



QUESTIONS?

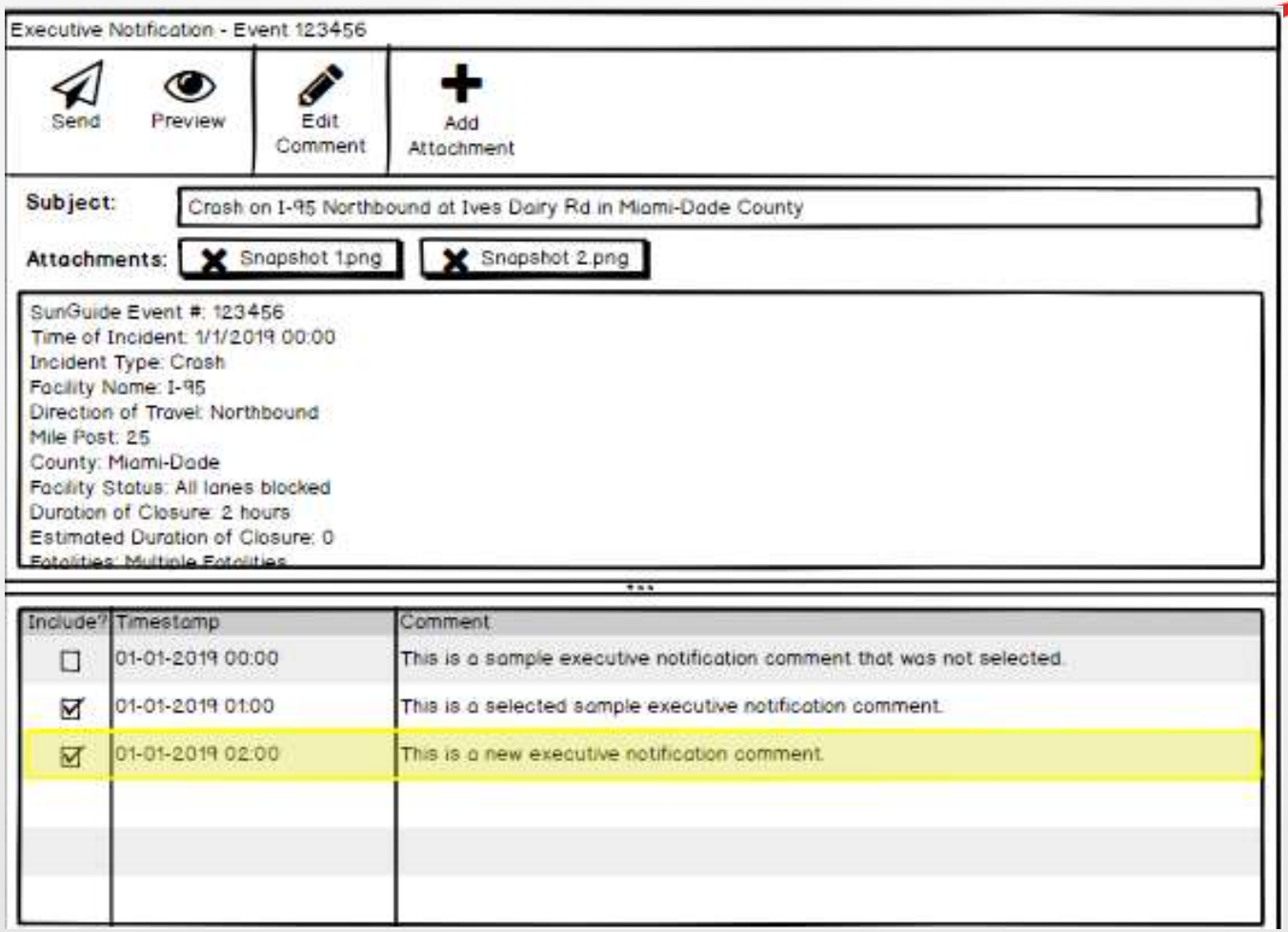
4015 - Executive Notifications

SwRI Team

Executive Notifications

- Create and manage Executive Notification before sending an email

Executive Notifications



QUESTIONS?

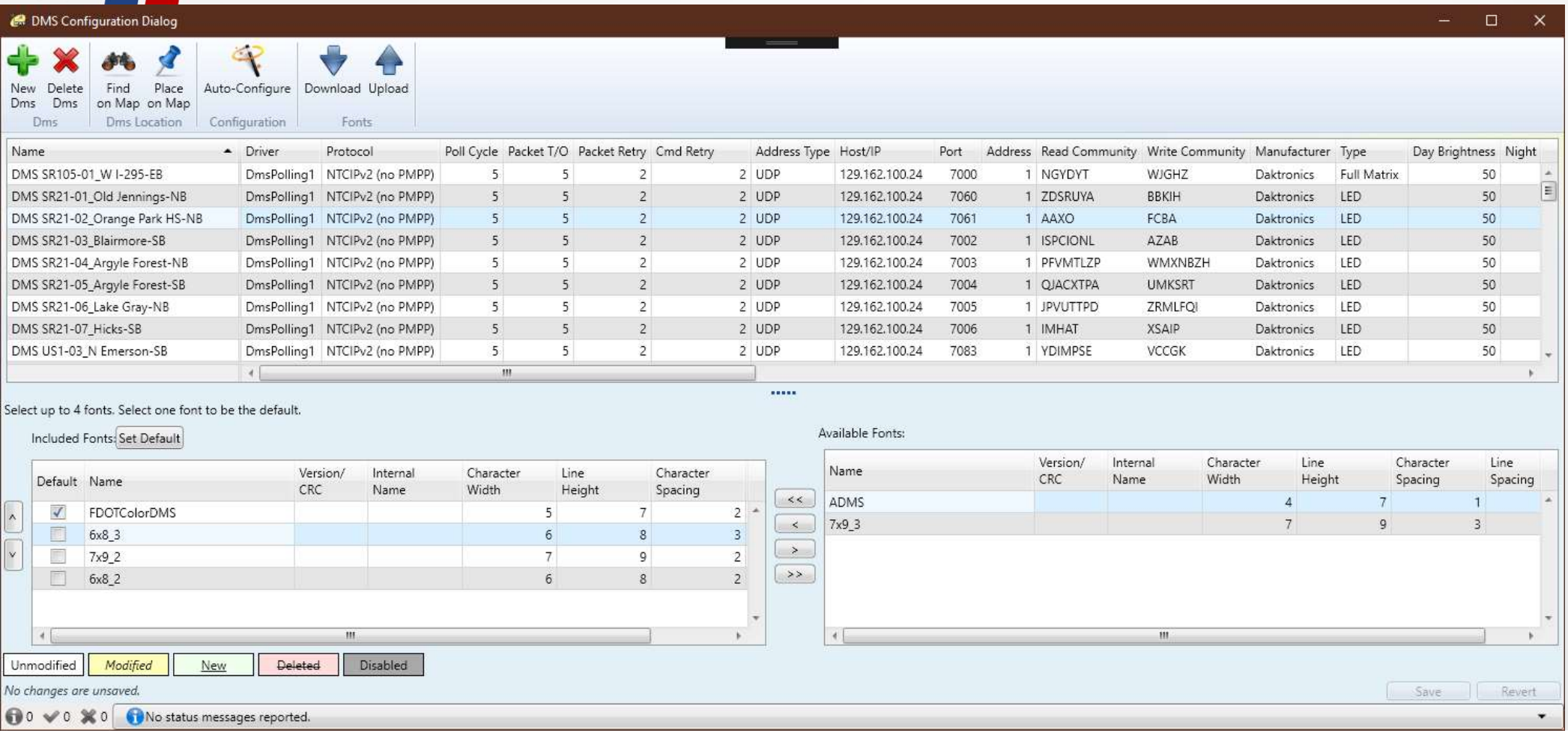
3568 - DMS Fonts

SwRI Team

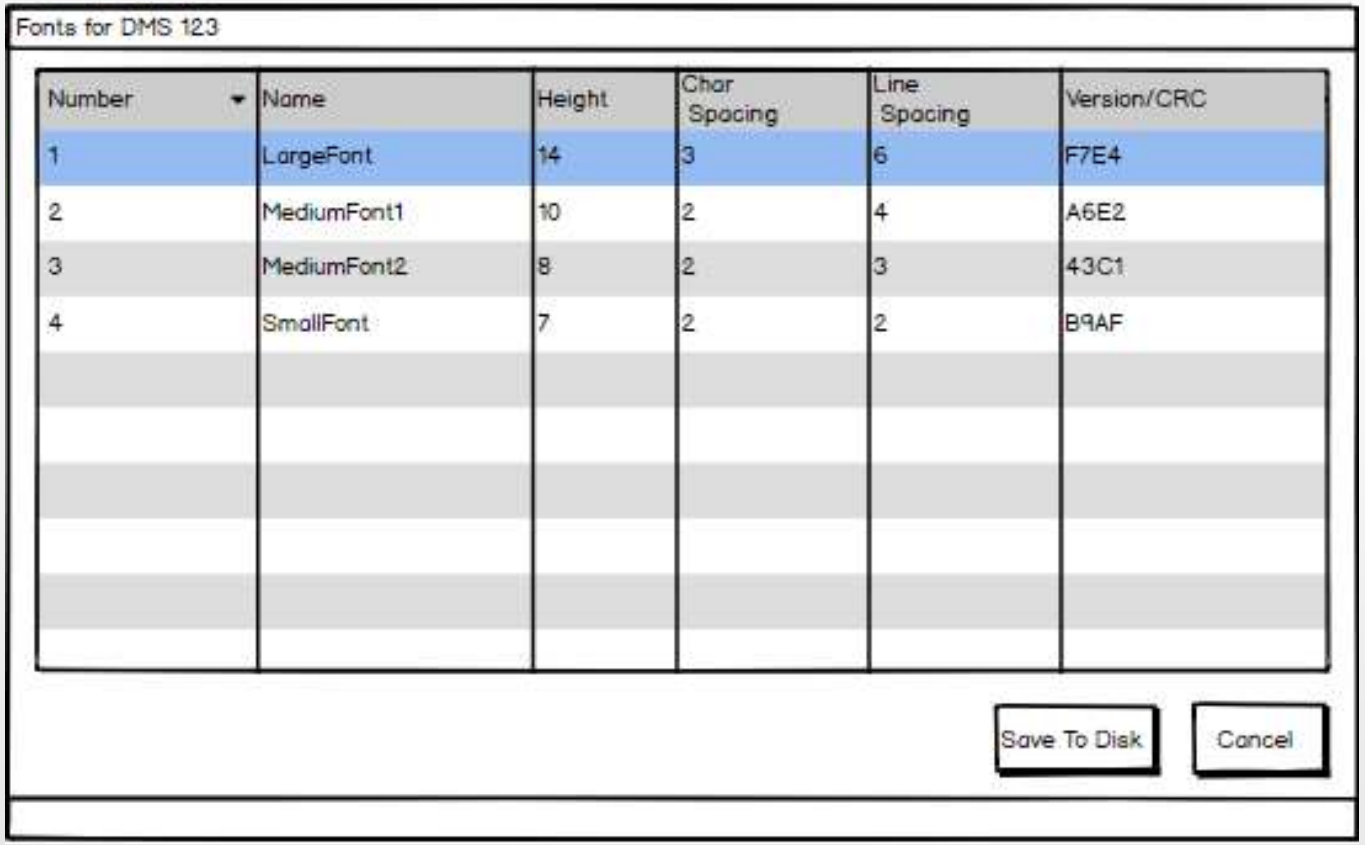
DMS Fonts

- Retrieve Fonts from the sign
  - Store locally to the SunGuide Server
  - Create new SunGuide Fonts
  - Upload Fonts to other DMS
- Use different fonts when sending a message

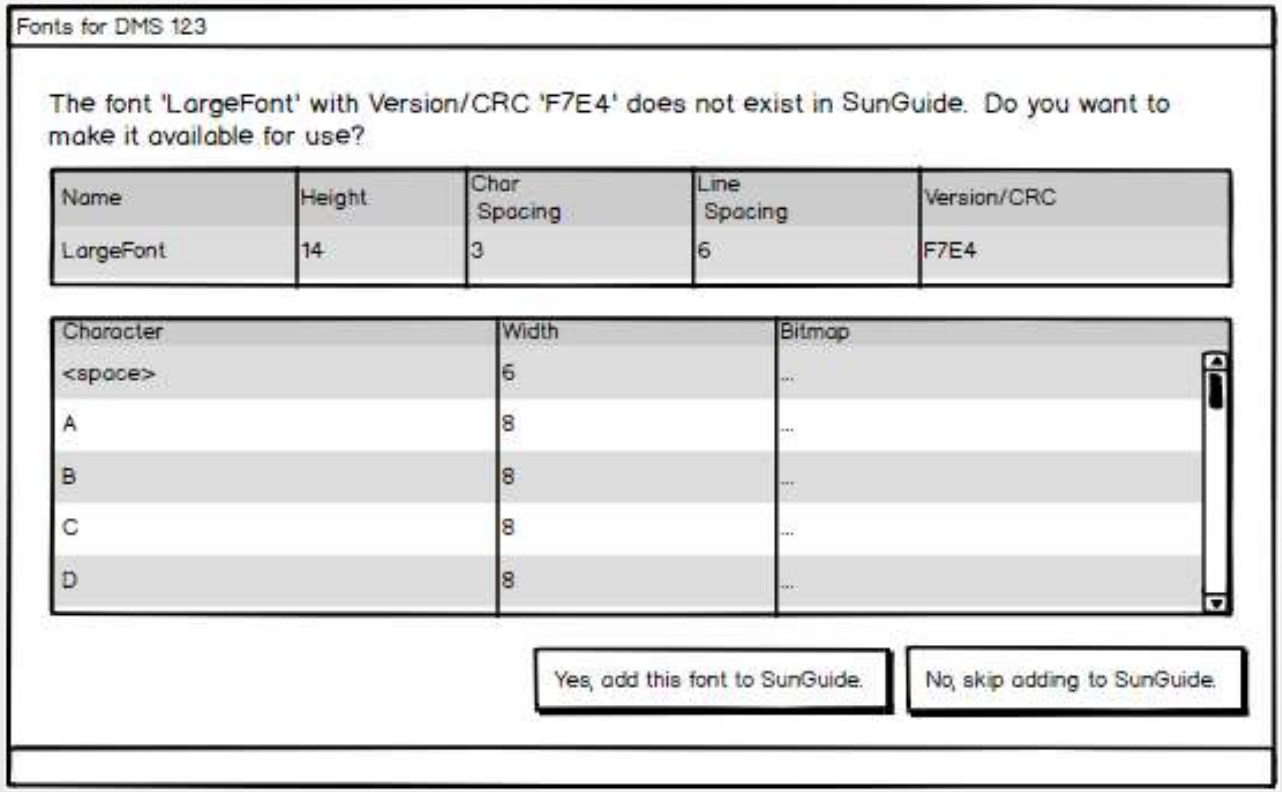
DMS Configuration



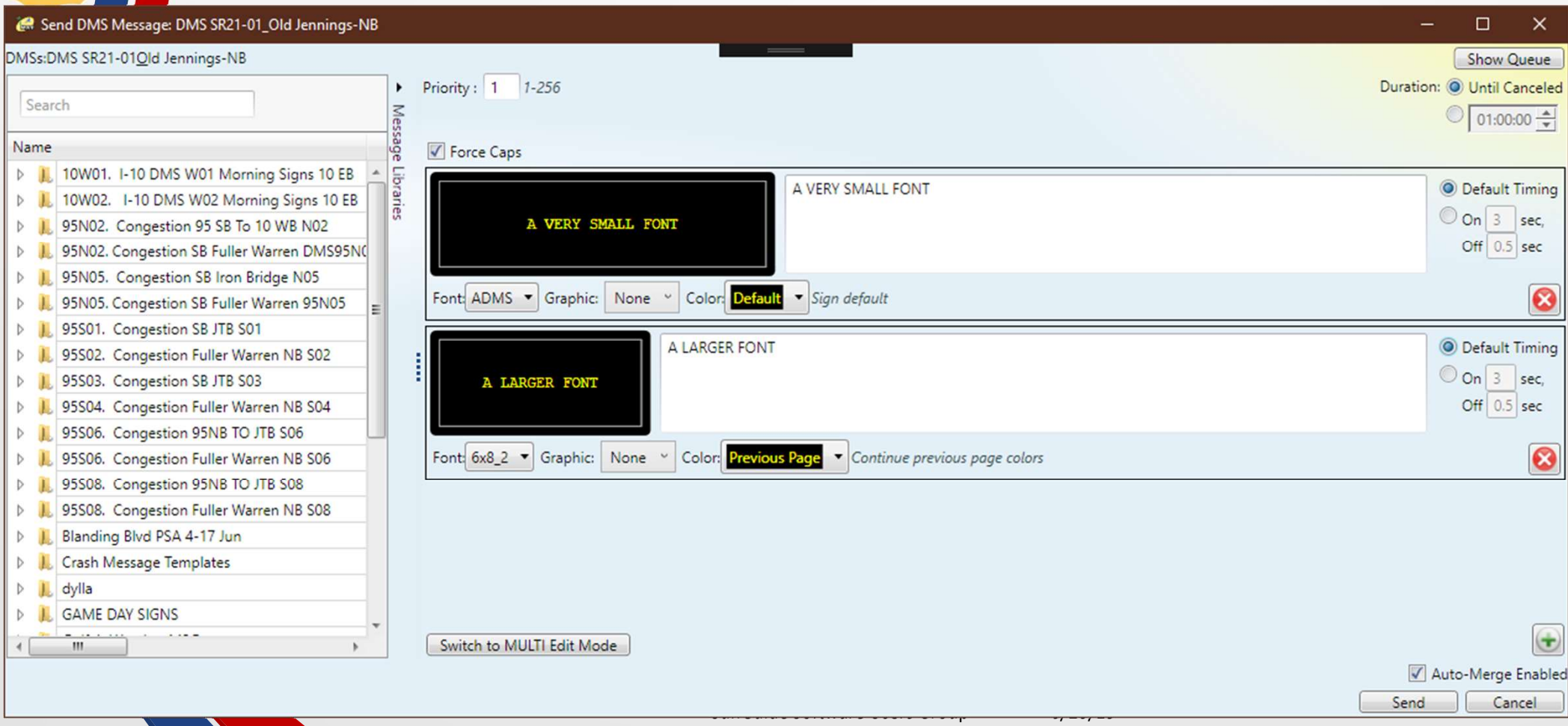
Retrieve Fonts



Retrieve Fonts



DMS Send Message



QUESTIONS?

Support Issue

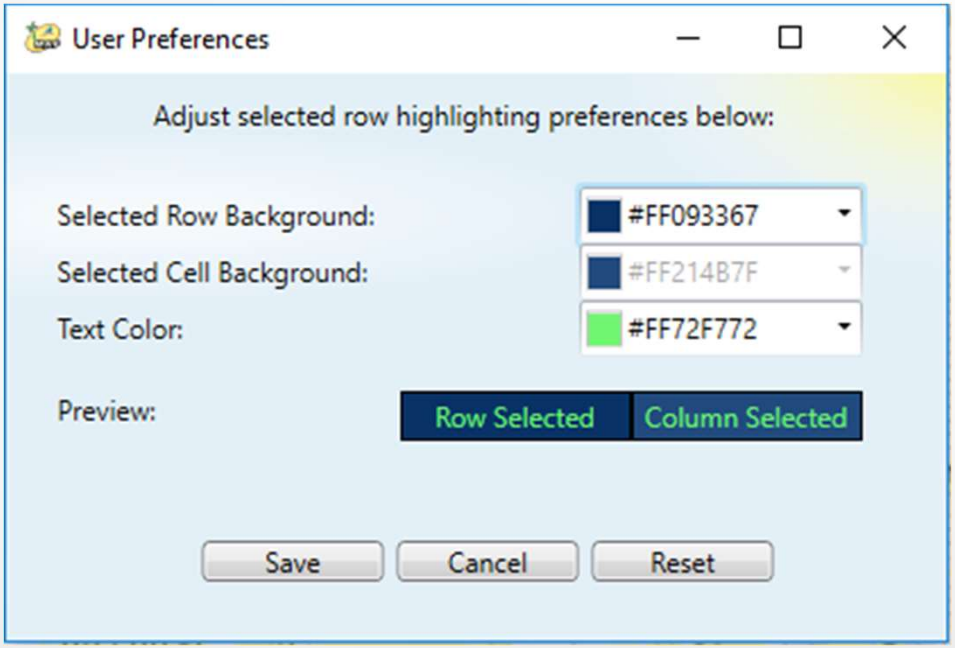
3939 - Selected Row Highlighting

SwRI Team

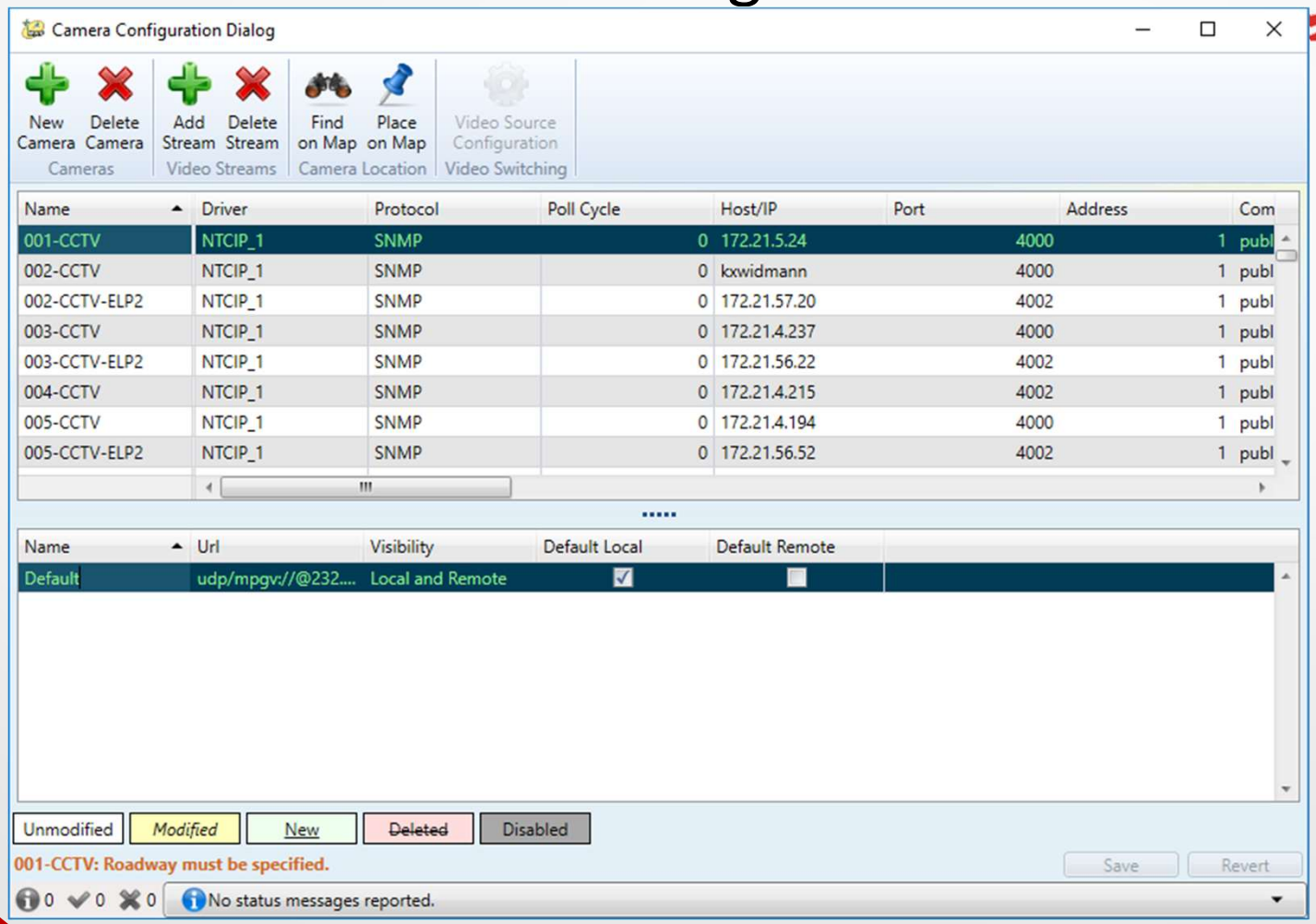
Row Highlighting

- SwRI has received multiple reports of users having issues seeing the difference between selected rows and unselected rows in the system.
- Ability to set the color of a selected row and selected cell.

User Configuration



User Configuration



QUESTIONS?