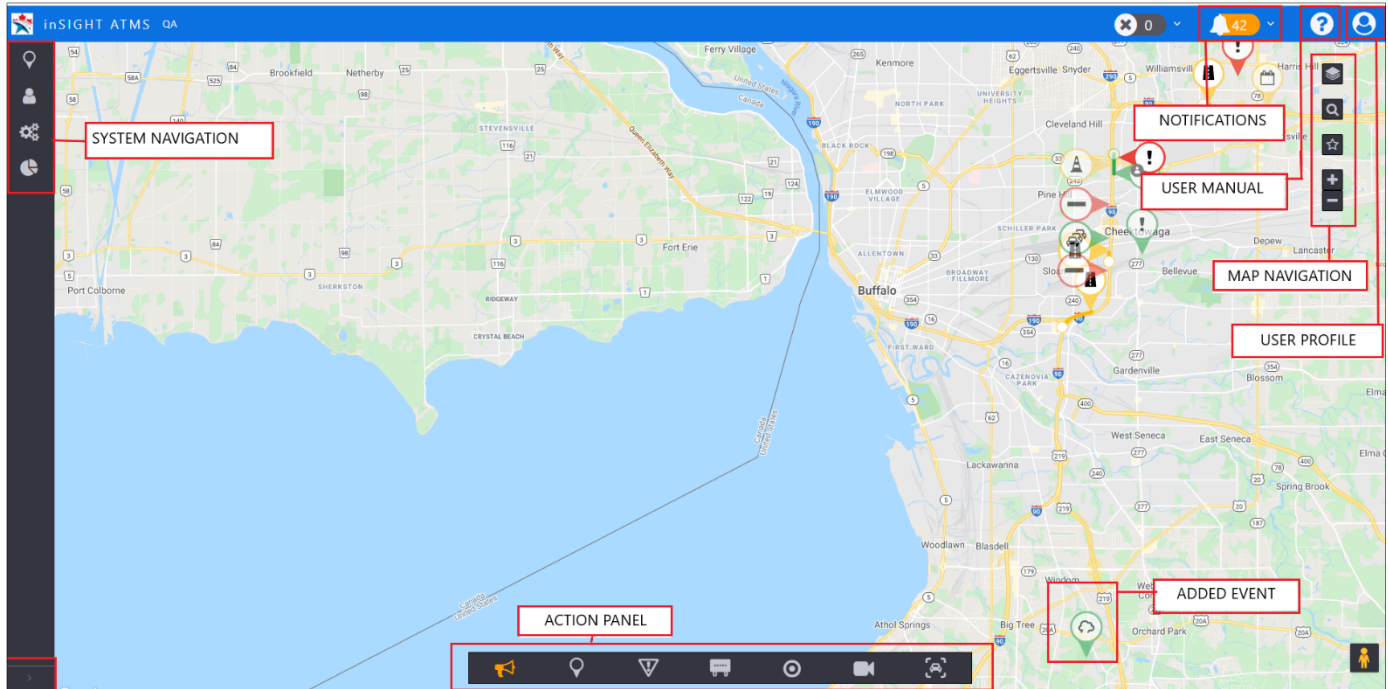


inSIGHT ATMS is an interactive, map-based system. The system uses Google Maps for the display, giving operators a familiar interface. Events and devices in the system overlay the map and appear as color-coded icons. These icons have an action menu, which the operator uses to manage events and devices. The icon's appearance and operations are context-sensitive according to the status of the icon and the user's permission levels.



GENERAL NAVIGATION

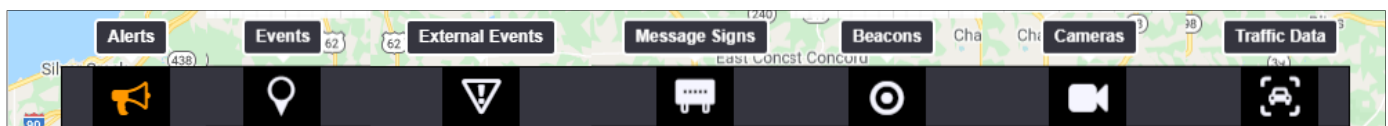
Action	Function
Click and Drag on Map	Change the map view
Scroll Wheel	Change level of zoom on the map
Hover	View summary information or description of the icon or button
Left Click	Primary functionality of the icon or button
Right Click	Secondary functionality menu of the icon or button

ACTION PANEL

The action panel is the main access point for managing events and devices on the map. Each button in the menu represents one or more layers on the map.

To show or hide events or devices in the map, left-click applicable menu item.

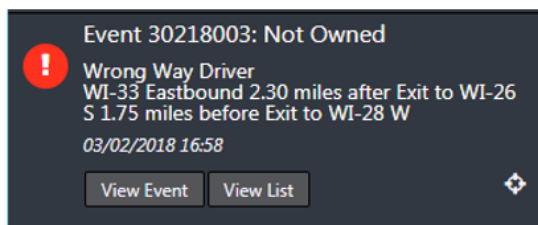
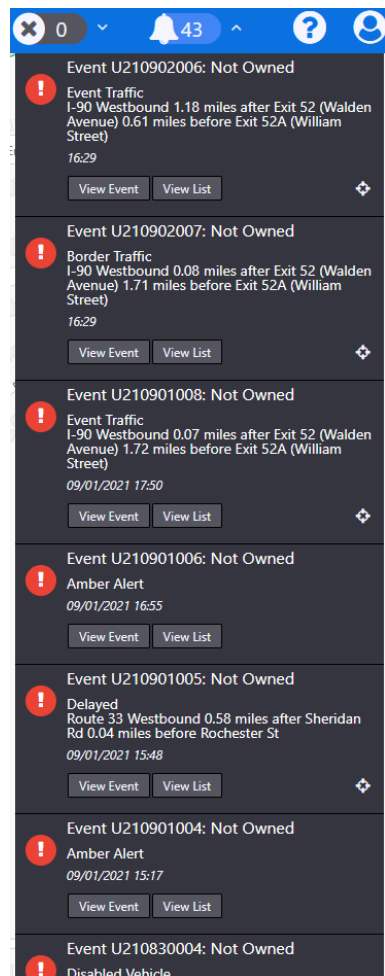
For the menu for devices or events, right-click a device or event button.



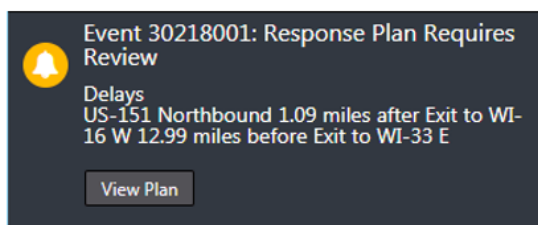
NOTIFICATIONS

Notifications show items that require action from an operator. These actions include, but are not limited to:

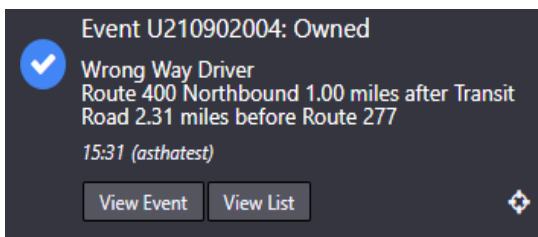
- Reviewing a response plan
- Taking ownership of un-owned events
- Acknowledging device or system errors
- Viewing alerts from external systems



HIGH



MEDIUM

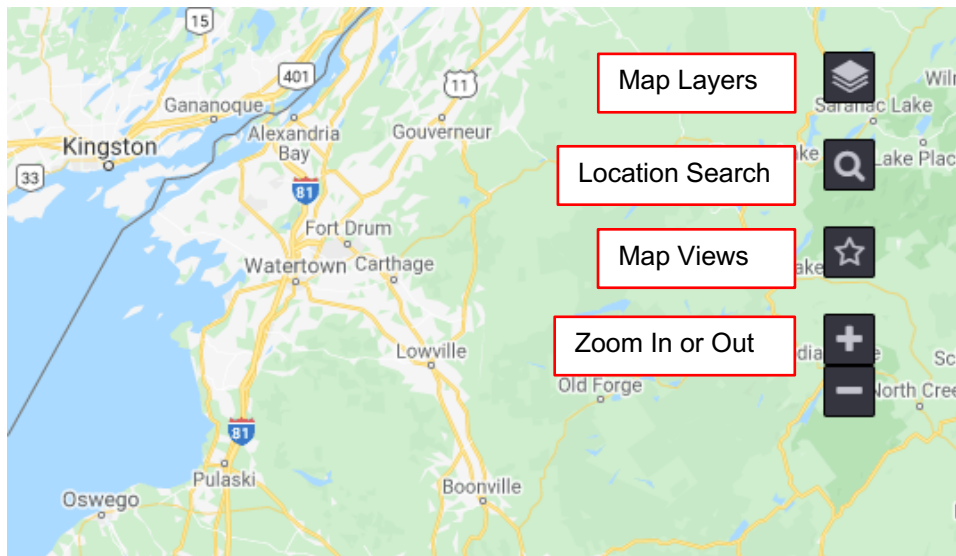


LOW

MAP TOOLS

The map has these tools:

- **Map Type** – option for different Google map tiles
- **Location Search** – find locations on the map using addresses, coordinates, or key location names
- **Map Views** – access or catalogue pertinent map views
- **Zoom in or out** – change the magnification of the map



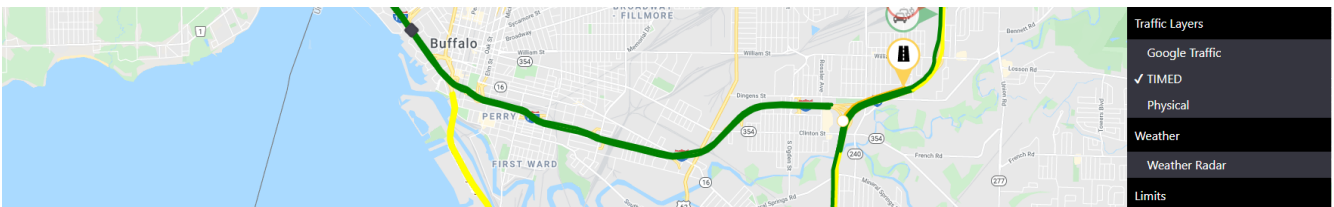
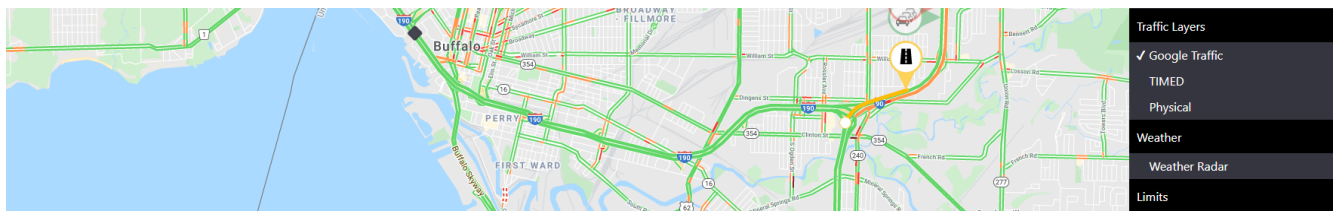
MAP TYPE

Map visualization can vary by adjusting its view – Satellite, Terrain



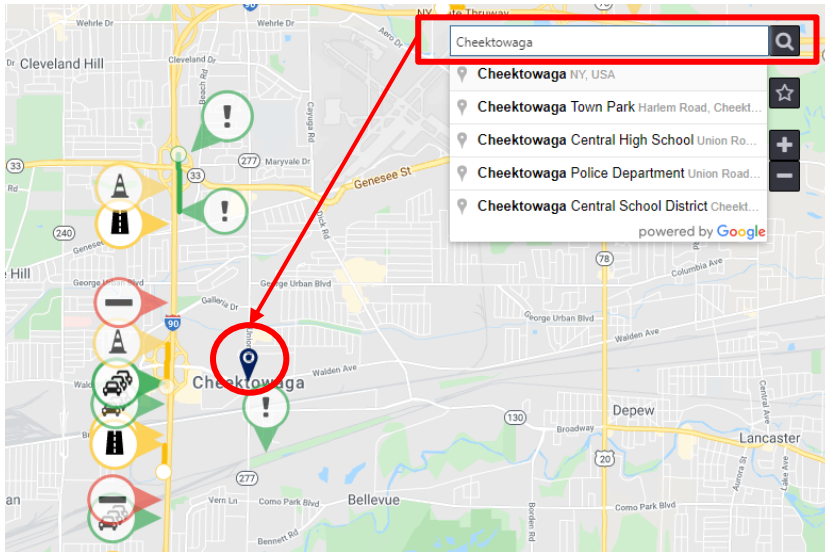
TRAFFIC LAYERS

Map navigation can be viewed as per the traffic layers – Google Traffic, TIMED



LOCATION SEARCH

Search for location, coordinates, address or intersections

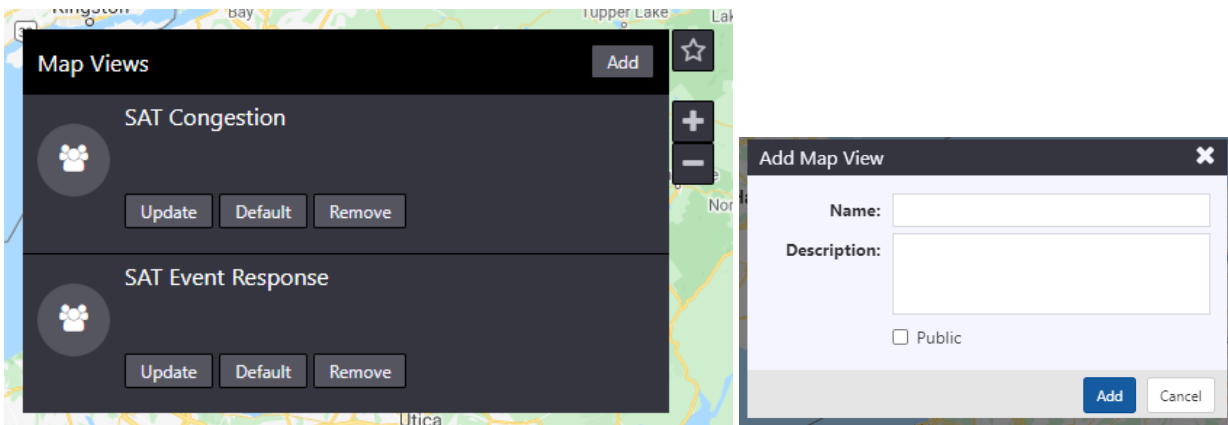


MAP VIEWS

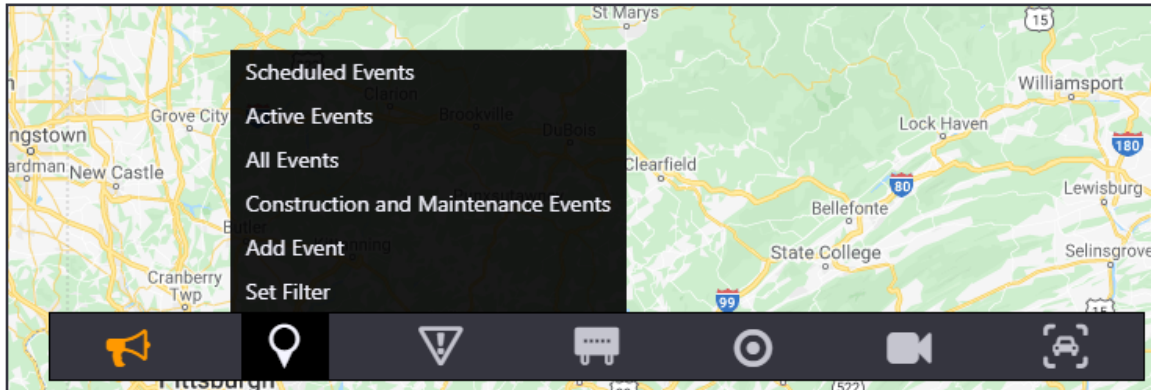
Map Views are saved views that allow a user to quickly move the map to a preset location, zoom, and layers turned on. The user can:

- **Add** new map views, with option of making the map view **Public** (viewable by all Operators)
- **Update** the selected map view to the current map location, zoom level, and active layers
- Set the selected map view as the **Default** view upon logging in
- **Remove** the selected map view from the saved set of map view

To close the Map Views box, click the button again.



The user manages events using the map interface and the **Events** button in the Action Panel.



EVENT ICONS

EVENT TYPE AND SEVERITY

Event Type is shown by the symbol in the circle.

Event Severity is shown by the color of the outline.

Severity	Incident	Delay	Planned	Active Planned	Other
1 (green)					Weather Border delay
2-3 (yellow)					
4-5 (red)					

EVENT OWNERSHIP

Event badges on the icon indicate event ownership: blue for you, gray for others.

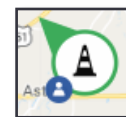
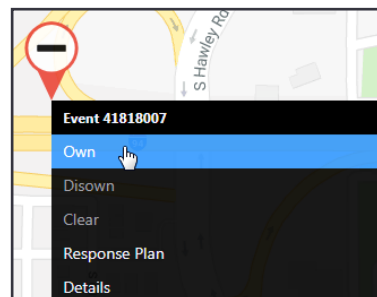


Owned by you



Owned by another

You must own an event to manage it. Change ownership by right clicking an event and selecting **Own** or **Disown**.



Owned by you

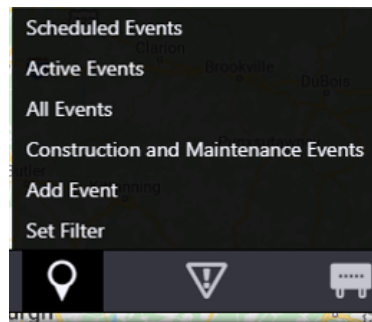


Owned by another

EVENT LISTS

To choose a list of events to review, right-click the **Events** button in the Action Panel. You can list scheduled, active, or all events to find and manage them.

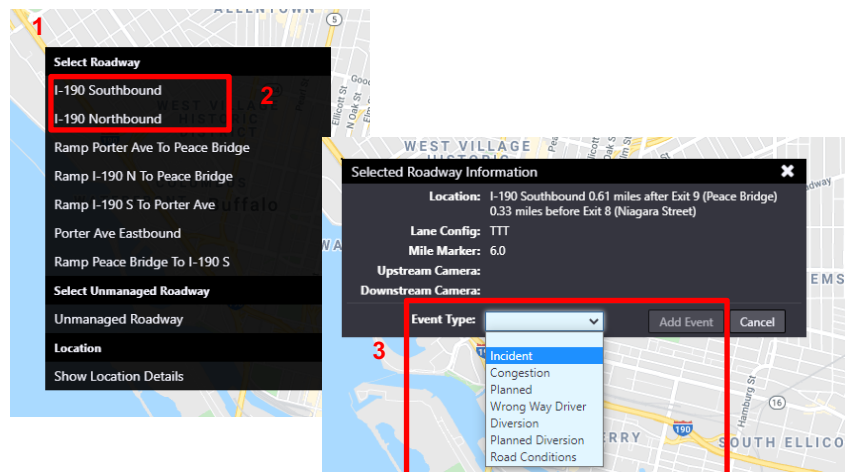
You can also add an event from this menu.



CREATING EVENTS

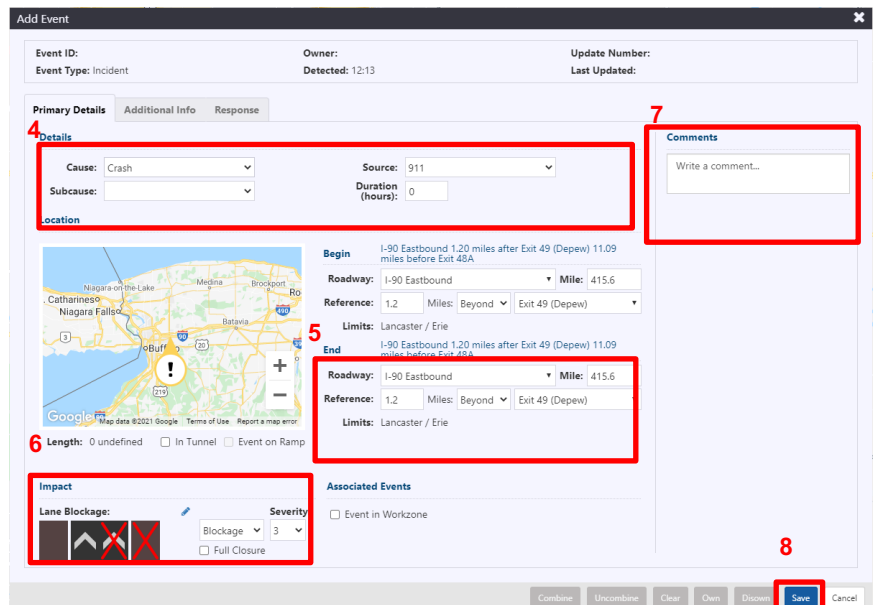
To add an event from a point on the road:

1. Right-click the **location** of the event.
2. Roadways near the location are listed. Choose the affected roadway.
3. A dialogue box appears. Choose the **Event Type** and click **Add Event**.



Populate primary event details:

4. An event window appears. Select the **Cause & reporting Source** and estimate a **Duration** (if any). Add as much information as you can.
5. If the incident affects a stretch of roadway, adjust the drop boxes under **Location: End** to reflect that.
6. Select Lane Blockage by clicking on lanes. An **X** represents a closed lane. Severity is auto calculated based on the number of lanes blocked.
7. Add comments to the event and click **Save** in the comment area.
8. Click **Save** at the bottom of the window to save the event.



Complete event creation:

9. Click **Additional Info** and add or modify event information, including emergency Responders, Vehicles Involved, Road Conditions, and Injuries.
10. Click **Response** to review and deploy the default response plan. (See Quick Reference 03)
11. More buttons at the bottom include:
 - a. **Reverse Event**: add a new event with similar characteristics on the direct opposite side of the roadway.
 - b. **Combine**: select another event and use one response plan for both.
 - c. **Clear**: Remove all response plans from this event.
 - d. **Disown**: release ownership of the event.

Event: 42518005

Event ID: 42518005 Owner: xin.chen Update Number: 1
 Event Type: Incident Detected: 14:09 Last Updated: 14:10

Primary Details **Additional Info** Response

Responder Vehicles 9 Add Responder

Agency	Notified	Arrived	Departed	Notes
EMS (Ambulance)	14:20	14:28		First responder on scene

Vehicles Involved Add Vehicle

Type	Quantity
Truck	1

Conditions

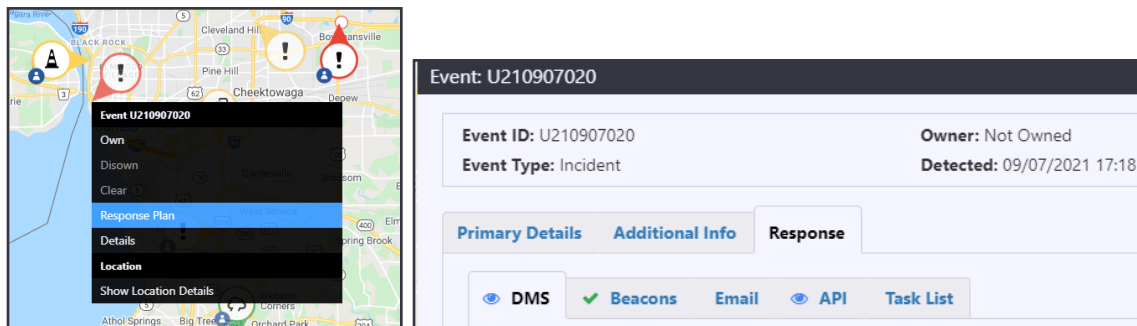
Dark (Night) Dawn (Sunrise)
 Dusk (Sunset) Icy
 Flooding
 Foggy
 Freezing rain
 Overcast
 Raining
 Reduced visibility

Injuries

Check this box if there are any injuries ☒

11 Reverse Event Combine Uncombine Clear Own Disown Save Cancel

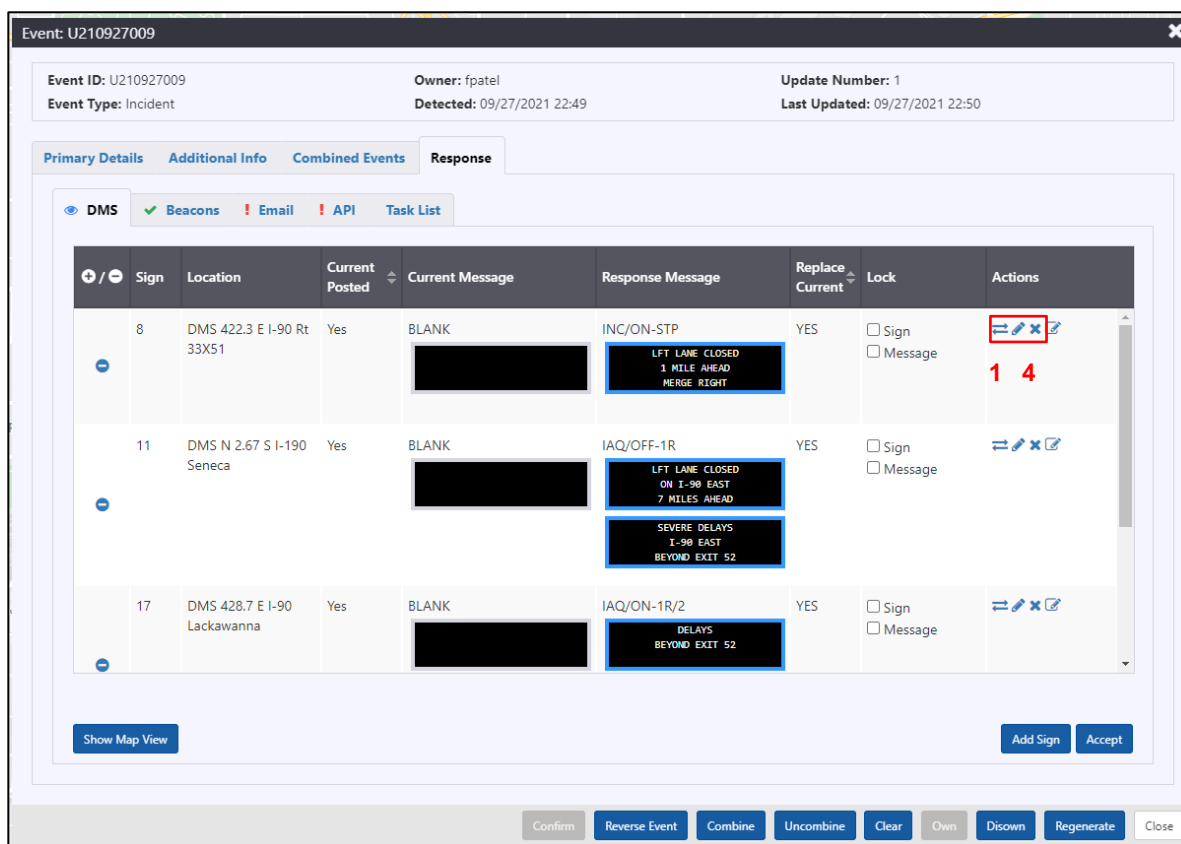
inSIGHT ATMS generates a Response Plan when primary event details are saved for an event. You can access from the event details view Response tab or by right-clicking the **Event** icon on the Map GUI and selecting **Response Plan**.





The system is configured to provide Response Plans to Dynamic Message Signs (DMS), Beacons, select Email recipients, and third-party consumers via API. Response Plans are generated automatically; they require review & approval before being activated. The icons in the response type tabs indicate status of the response plan: Reviewed and approved, Viewed but not approved, Not reviewed.

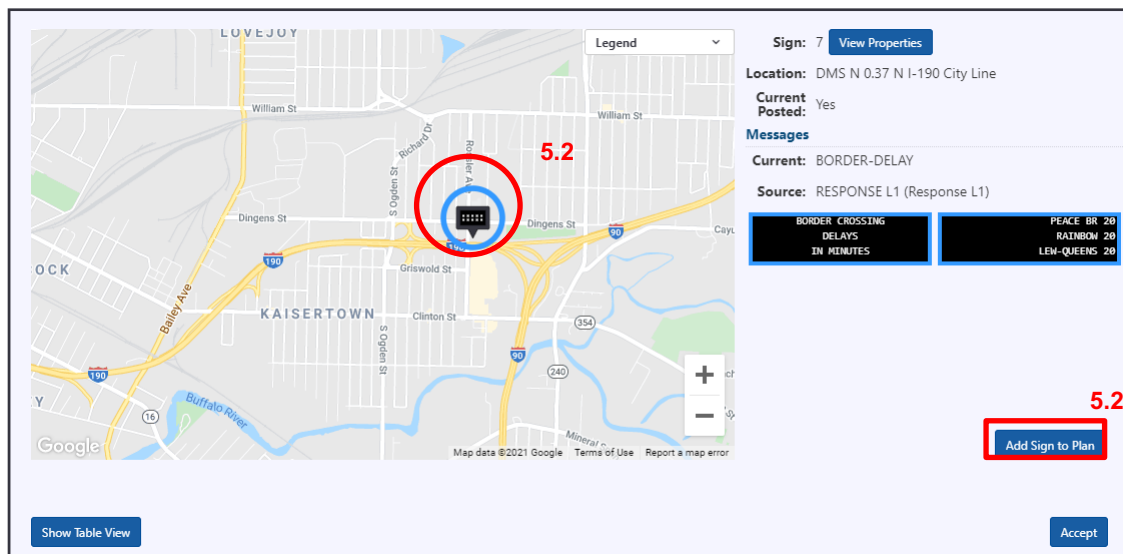
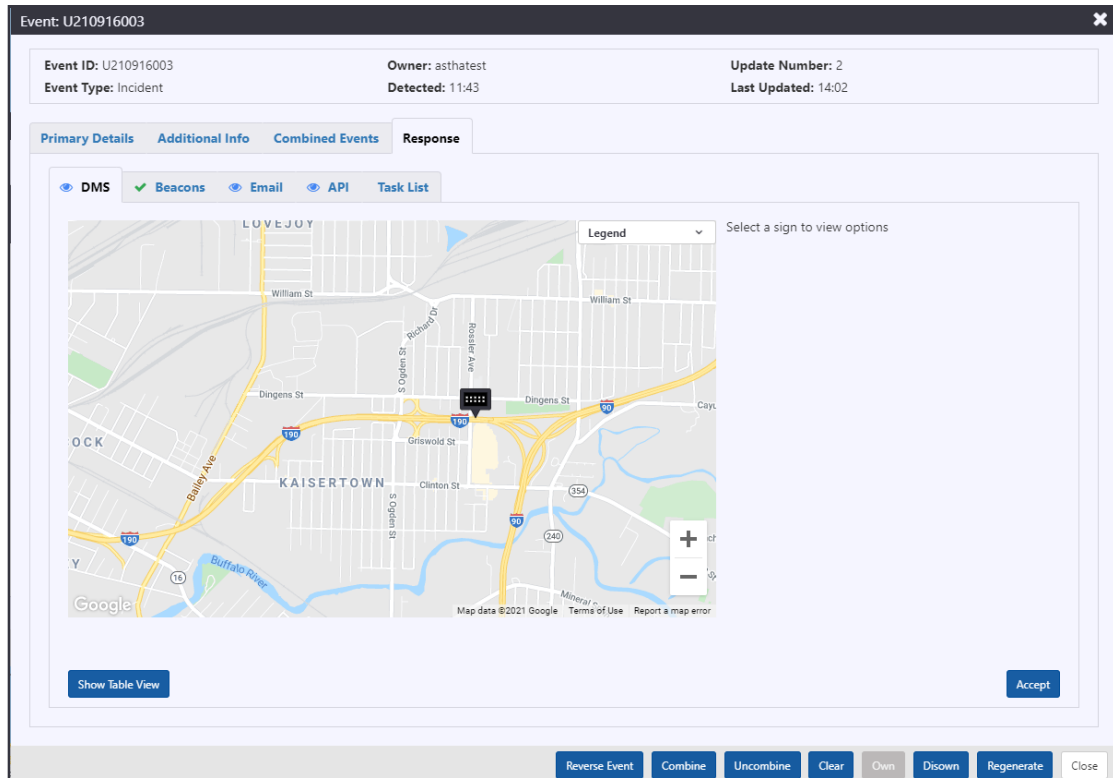
DMS RESPONSE PLAN

The proposed DMS response plan creates messages only for nearby DMS, as per pre-configured rules.



1. Click the icon to change the template for the DMS response or click icon to select a library message.
2. To change a message, select one from the message library of the selected sign.
3. Click **Select**.

4. If required, click  to delete the proposed message, or click  to view the DMS Properties window of the selected sign.
5.
 - 5.1 If required, click **Add Sign** to add signs to the DMS response plan. Select signs from the list and choose a message from the DMS response message library.
 - 5.2 If required, Add Sign from Map view. Click on **Show Map View**. Click on the selected Sign to add. Click **Add Sign to Plan**.



6. Click **Accept** to send the messages to the sign.

EMAIL RESPONSE PLAN

The Email Response tab indicates the text of the Proposed Message to send via e-mail for the event, along with the Broadcast Groups to which the message will be sent, and the individual recipients that will receive it.

The screenshot shows the 'Email' tab in a software interface. At the top, there are navigation tabs: 'DMS', 'Beacons', 'Email' (selected), 'API', and 'Task List'. The main area is divided into two sections: 'Proposed Message' and 'Groups'. The 'Proposed Message' section contains a text box with the message: 'Crash on I-90 Eastbound beyond Exit 57 (Hamburg). Reported at 5:50 pm. No lanes are closed.' Below this text box are 'Save' and 'Cancel' buttons. The 'Groups' section features a list of broadcast groups on the left and a list of recipients on the right. The groups list includes: 'IBI Test', 'Media Congestion', 'Media Construction', 'Niagara County', 'North Erie', 'Regional', 'Route 5 (Skyway)', 'STICC Notification', 'South Erie', 'TSOC Group', 'Test Group', 'TestTest4', and 'TestTest6'. The 'TestTest6' group is currently selected. The recipients list shows 'Alka' and 'Oliver Liang'. At the bottom right of the 'Groups' section, there are three buttons: 'Delete', 'Accept (Hold)', and 'Accept (Send)'.

1. In the **Proposed Message** box, manually edit the Proposed Message and **Save** or continue with the default.
2. Click on the Group names to select or unselect broadcast groups that should receive the response message. The system will update the set of recipients for the message based on the selected groups. The selected groups are highlighted.
3. To send the e-mail response immediately click **Accept (Send)**. This will trigger an e-mail to all recipients that are part of the selected groups.
4. To accept the response but have it wait to be part of a batch update, click **Accept (Hold)**. The e-mail response for this event will be included in e-mails sent the next time you or another user click Accept (Send) for any event (including the current). This functionality is typically used in cases where multiple events are being managed simultaneously in the same area and helps to reduce the number of messages received by each recipient.

This screenshot is similar to the one above but includes red annotations for step 5. A red box labeled '1' highlights the 'Save' button in the 'Proposed Message' section. A red box labeled '2' highlights the 'Delete' button at the bottom right. A red box labeled '3' highlights the 'Accept (Send)' button at the bottom right. The 'Proposed Message' text box now contains: 'Crash on I-94 West beyond Exit To WIS 67. The right shoulder is blocked. Reported Friday, March 1 at 12:02 pm. Editing the text'. The 'Groups' section shows 'SAT Response' and 'SAT Test' as selected groups, with recipients 'Matt Duffin' and 'Matthew Duffin' listed. The 'Current Message' section is empty.

5. The Current Message will update to the last accepted message when you click on either of the accept options.

Proposed Message

I-94 East CLOSED at Exit To S 70TH ST because of Crash. Reported Wednesday, February 13 at 11:18 am.

Save Cancel

Current Message

I-94 East CLOSED at Exit To S 70TH ST because of Crash. Reported Wednesday, February 13 at 11:18 am.

Groups

Group
All
SAT Response
SAT Test

Recipients
Matt Duffin
Matthew Duffin

Delete Accept (Hold) Accept (Send)

- To delete an email from a list of previously “held” emails, click Delete at the bottom of the tab. Click Continue in the Delete Email Response confirmation dialogue. Proposed Message will be blank. Click Accept (Hold) to accept the removal of the Email message from the previously “held” emails. You will no longer be able to send any emails throughout the duration of the event. Accept (Send) will similarly remove the email from the previously “held” emails and send an updated email will all the other “held” emails to the recipients.

API RESPONSE PLAN

- In the **Proposed Message** box, manually edit the Proposed Message or accept the default and click **Save**.
- Click **Accept** to send this message to external systems

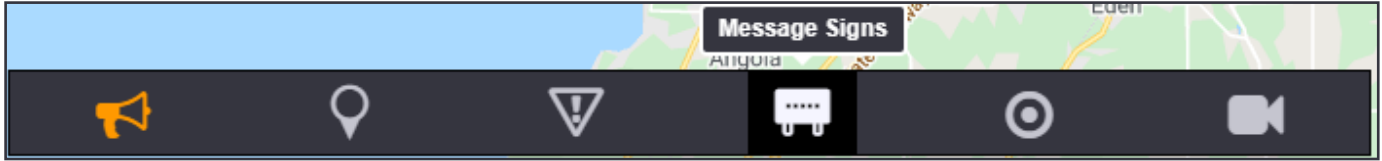
Proposed Message

Crash on I-94 East vicinity of Exit To WIS 89 in JOHNSON CREEK, VILLAGE OF. The right lane is blocked. Reported Thursday, August 9 at 2:16 pm.

Character Count: 142

Save Cancel

Current Message



You can show or hide message signs in the map by clicking the **Message Signs** icon in the Toolbar Menu. Dynamic Message Signs and Portable Changeable Message Signs are treated the same way in the system.

Messages can be posted to the signs manually, through event response plans, or from a library. A message sign may have many types of messages in its message queue: the sign displays the message with the highest priority.

ICONS



Sign that has no errors or warnings and has a blank message posted



A default non-blank message is posted or low priority message



Programmed message such as a library or travel time message



Manual message posted



Sign error: communication error or has a severe fault



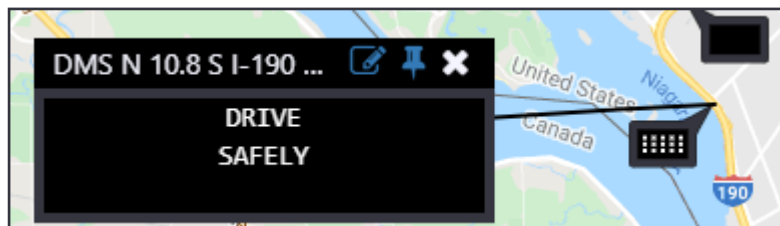
Inactive Sign: sign has been disabled by a user



Portable Sign: sign is relocatable

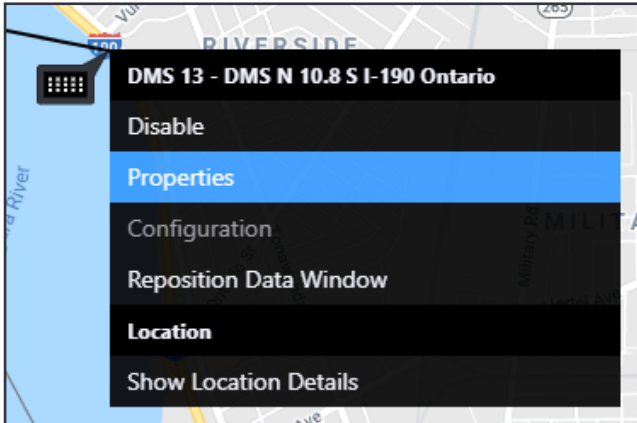
SIGN SUMMARY

Message preview can be pulled up on the map by left-clicking on sign icon.



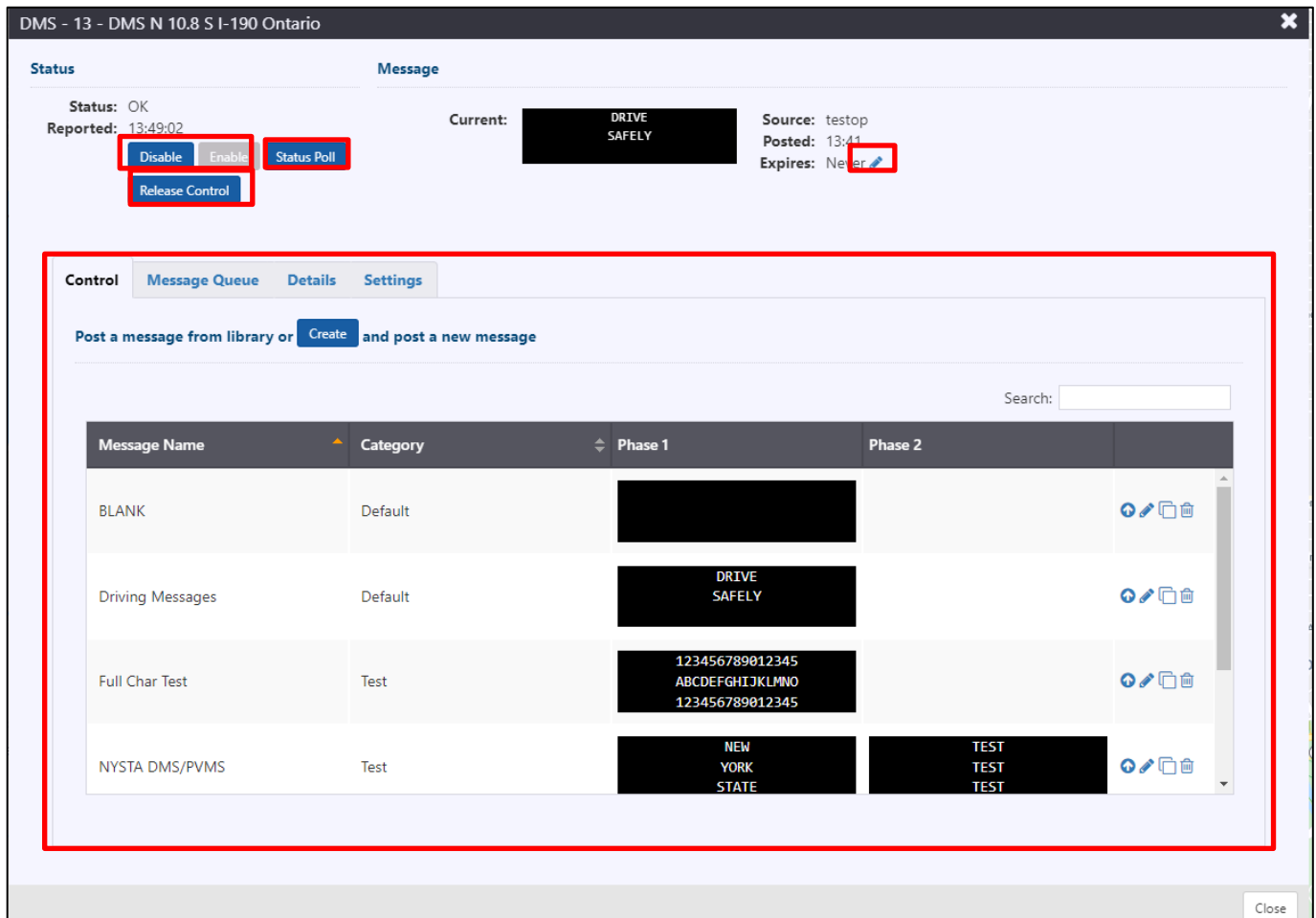
MANAGEMENT

You can manage a sign by right clicking its icon in the map and selecting the **Properties** option.

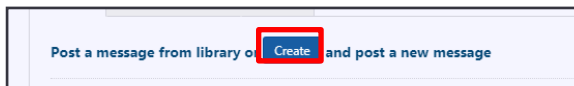


Properties view header includes the following:

- **Disable – Enable:** disables or enables the sign
- **Release Control:** removes a manual message from the message queue
- **Expiry:** sets a duration after which the manual message is removed from the message queue
- **Detailed Sign Management:** see tabs
- **Status Poll:** poll the sign

A screenshot of the "DMS - 13 - DMS N 10.8 S I-190 Ontario" properties window. The window has a dark header bar with the title and a close button. Below the header, there are two tabs: "Status" and "Message". The "Status" tab is active, showing the sign's status as "OK" and "Reported: 13:49:02". There are buttons for "Disable", "Enable", "Status Poll", and "Release Control". The "Message" tab is also visible, showing the current message "DRIVE SAFELY" and its source "testop". Below the tabs, there is a section for "Control" with tabs for "Message Queue", "Details", and "Settings". The "Message Queue" tab is active, showing a table of messages. The table has columns for "Message Name", "Category", "Phase 1", and "Phase 2". The messages listed are "BLANK", "Driving Messages", "Full Char Test", and "NYSTA DMS/PVMS". Each message has a set of icons (add, edit, delete) to its right. A search bar is located at the top right of the message queue section. The window has a "Close" button at the bottom right.

Under the Control Tab of the Detailed Sign Management window, click the Create button to create a new manual message



You can compose a new message using words from the Approved Words List (set by the System Administrator) and give it a **Name**.

Message signs can display two phases of a message alternately. Use the **Add Phase** button create a new phase.

To save this message in the Sign Library, click the **Save to Library** button. The message library is shared for all signs of the same sign type.

To put a message into the sign's message queue, click the **Post** button. In general, the message with highest priority is the only one displayed. Manual messages always have high priority.

A screenshot of the 'Create and Post Message' dialog box. The 'Add Phase' button is highlighted with a red rectangular box. The dialog box contains fields for 'Sign ID' (13), 'Display Format' (Daktronics 27x105), and 'Phase 1' with a table of lines and text. Below the table are fields for 'Name', 'Category', and 'Priority'. At the bottom, there are buttons for 'Save to Library', 'Post', and 'Cancel'. The 'Add Phase' button is located to the right of the 'Phase 1' table.

The message library for the selected sign is shown at the bottom of the **Control** tab of the Detailed Sign Management window.

There are three buttons for each message:



Post this as a manual message



Edit this message in the message library



Delete this message from the message library

A screenshot of a table showing the message library. The table has columns for 'Message Name', 'Phase 1', and 'Phase 2'. There are four rows of messages. To the right of each row is a vertical column of three icons: a speech bubble with an upward arrow, a pencil, and a trash can. This column of icons is highlighted with a red rectangular box.

Message Name	Phase 1	Phase 2	
BLANK			
High Wind Warning	HIGH WIND WARNING USE CAUTION		
Slippery Conditions	SLIPPERY CONDITIONS REDUCE SPEED		
test message	TEST MESSAGE HERE		

Under the **Details** tab, you can view sign inventory details (IDs) and view communication status.

Details and warning messages will be displayed under the Details item. Error messages will be included under both operational and command details, with the sign reporting if there was an error posting a message to the sign or if a message was posted successfully.

MESSAGE QUEUE

Messages that may be posted to a sign are managed through its **Message Queue**. From here, the target message that the system will attempt to post to a sign is displayed, as well as any other messages that have been added to the sign. Messages are populated in the queue with highest priority messages appearing on top.

Status OK
Reported: 14:15:42
 Disable Enable Status Poll
 Release Control

Current: SLIPPERY WARNING
 USE CAUTION
Source: testop
Posted: 13:55
Expires: 14:56

Control **Message Queue** Details Settings

Target Message

SLIPPERY WARNING
 USE CAUTION
 Slippery Caution

Message Queue

Name	Source	Priority	Phase 1	Phase 2	
Slippery Caution	Manual	1	SLIPPERY WARNING USE CAUTION		<input checked="" type="checkbox"/>
BLANK	Default	1			

Close

To allow/disallow a message to merge with another message in the queue, click the checkbox beside it.

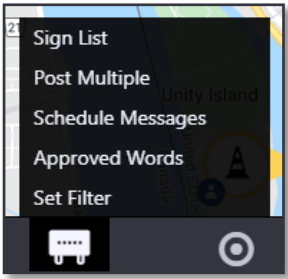
To remove a message from the queue, click the **X** beside it.

Note: Scheduler and Travel Time messages are continuously pushed to a sign's queue. Unchecking allow merge or removing messages from these sources will not remain in effect, as the system will repopulate missing Scheduler and Travel Time messages, with the default allow merge state. Preventing these messages from displaying is best done through setting a higher priority message to not be merge-able with a lower priority Scheduler or Travel Time message

Note: Messages are prioritized in two steps. First, messages are prioritized based on their Source. Manual messages always appear at the top of the priority and Default messages are at the bottom. Other sources are prioritized based on configuration. Secondly, within each source messages have a numeric priority value; higher priority numbers are higher in the message queue.

MORE FUNCTIONS

You can reach the signs menu by Right Clicking the **Message Signs** icon from the Action Panel. It has the choices Sign List, Post Multiple, and Schedule Messages.

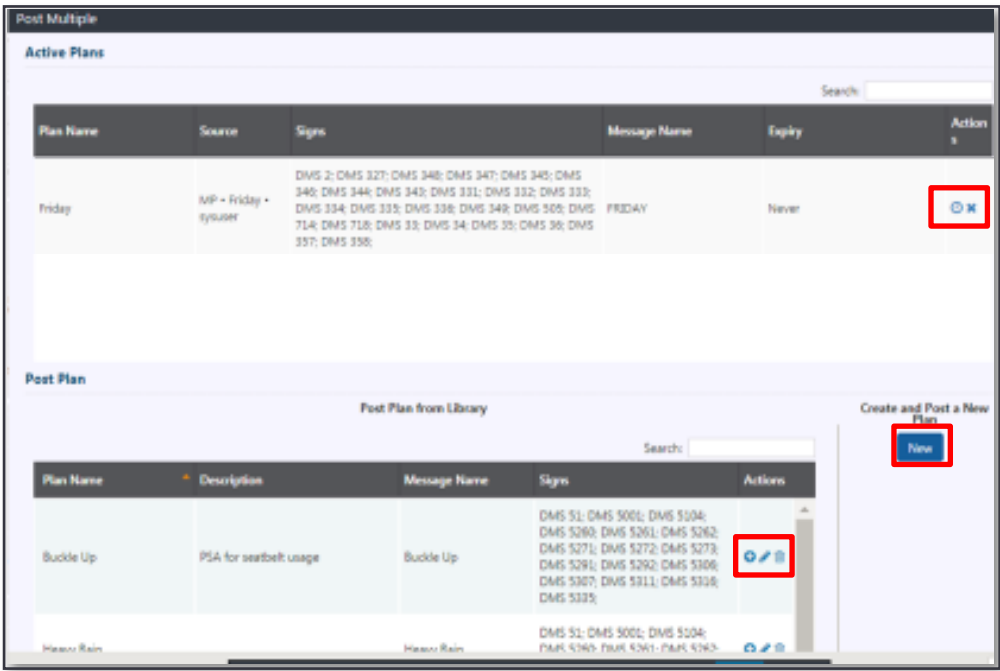


The User can post a message to a group of signs using the Post Multiple windows.

The Active Plans area shows the group messages currently active in the system, with the option to ⌚ **Modify Message Duration** or ✖ **Remove** message from signs.




The Post Plan area shows a library of multiple signs message plans, with options to ➦ **Post**, ✎ **Edit**, or 🗑 **Remove** the plan.

The Create and Post a New Plan area lets you create a **New** message plan for multiple signs.

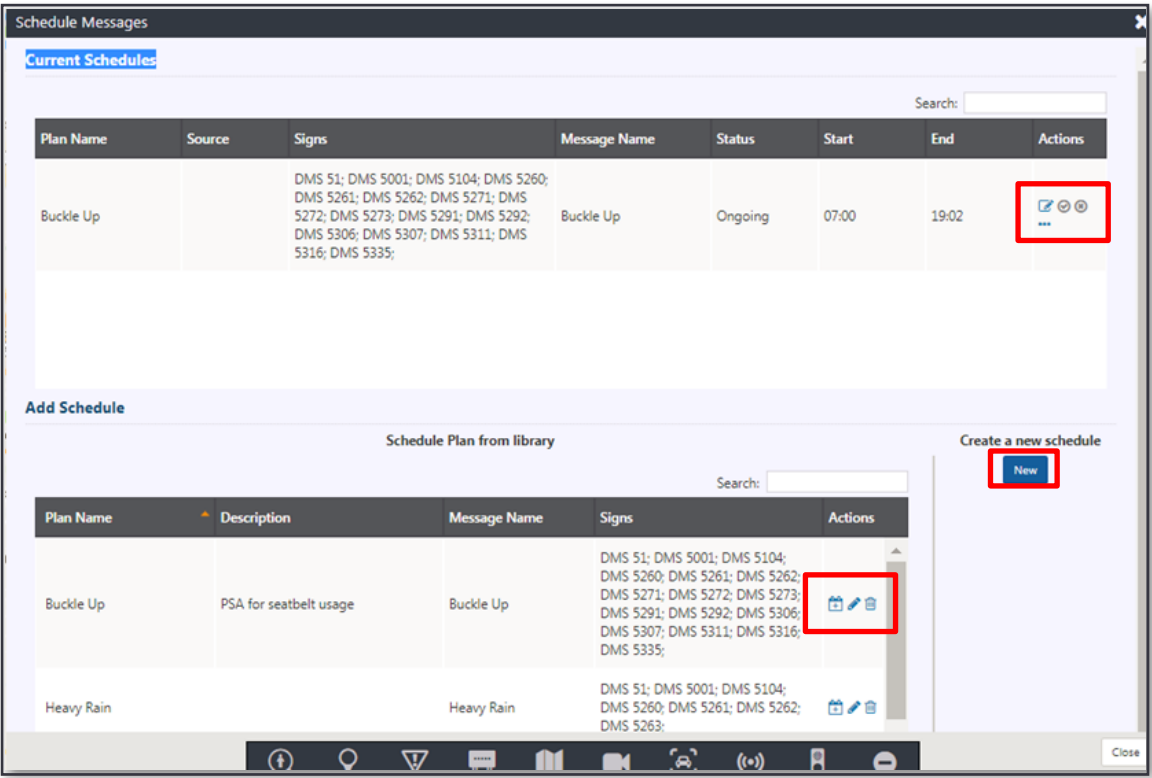


You can schedule the posting of messages to a group of signs.

The Current Schedules area shows the group messages active in the system, with the option to ✎ **Review** and edit the plan, ⌚ **Activate** the plan, or ⌚ **Deactivate** the plan. You can also **Disown** or **Delete** the plan by clicking the ⋮ button to display those choices.

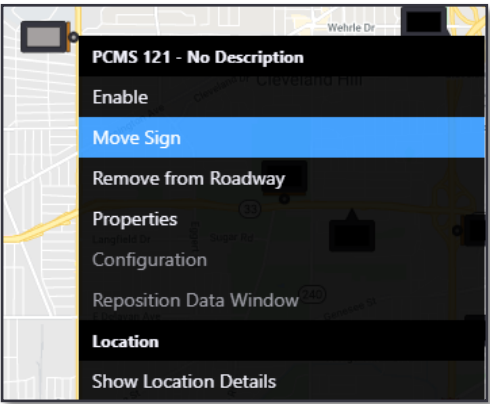
The Add Schedule area shows a library of multiple-sign message plans, with options to  confirm the **Schedule**,  **Edit** the plan, or  **Delete** the plan.

Create a new schedule lets you create a New plan of scheduled messages.

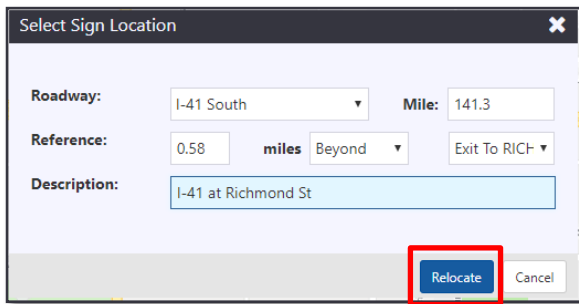


PORTABLE SIGN FUNCTIONS

You can relocate a portable message sign by right clicking the sign icon and selecting **Move Sign**. Selecting this option changes the sign icon to a moving state:



Drag the moving sign icon to a new location. When released, the system will ask you to select the signs' new location. Press Cancel to continue moving or select the roadway from the list. Only nearby roads configured in the system will appear. Enter a new description for the sign based on its new location and click **Relocate** to complete the move.



Select Sign Location

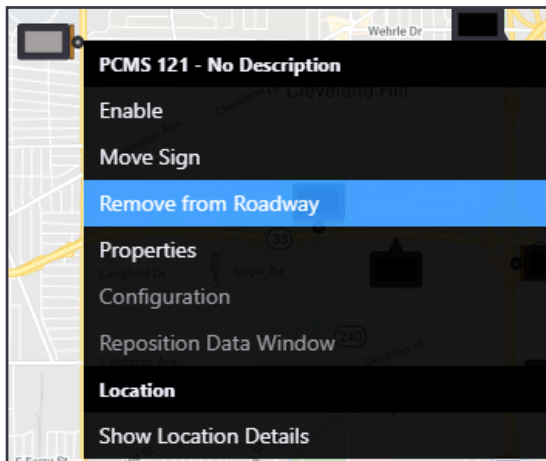
Roadway: I-41 South Mile: 141.3

Reference: 0.58 miles Beyond Exit To RICH

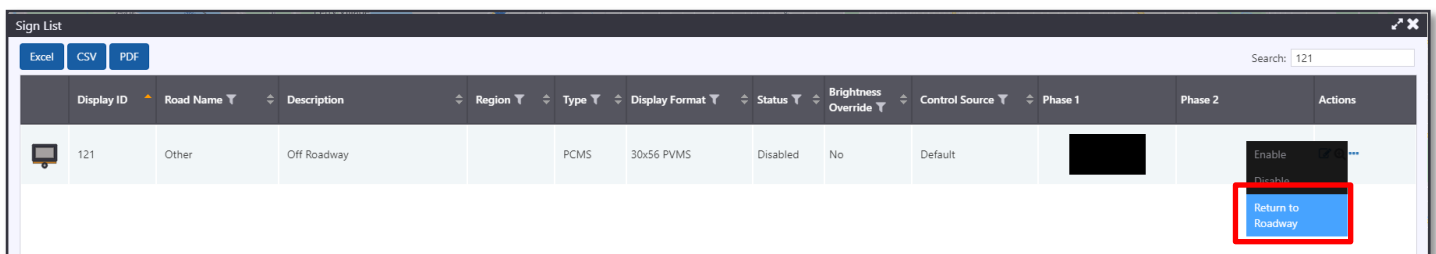
Description: I-41 at Richmond St

Relocate Cancel

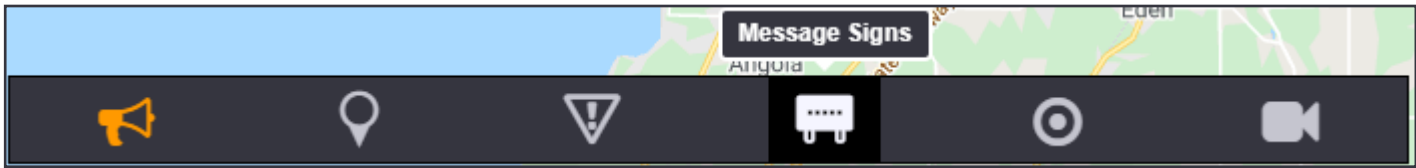
A sign that is being moved to storage can be removed from the map. Right-click the sign icon and select **Remove from Roadway**. The system will prompt you to confirm that the sign should be removed from the map.



A sign that is removed from the map appears only in the **Sign List** with a Description of **Off Roadway**. Signs can be returned to the map from the sign list by selecting the menu at the right of the list and choosing **Return to Roadway**. The system will prompt for the sign location, including roadway, mile marker/reference location, and description.



Display ID	Road Name	Description	Region	Type	Display Format	Status	Brightness Override	Control Source	Phase 1	Phase 2	Actions
121	Other	Off Roadway		PCMS	30x56 PVMS	Disabled	No	Default			<ul style="list-style-type: none"> Enable Disable Return to Roadway



You can show or hide message signs in the map by clicking the **Message Signs** icon in the Toolbar Menu. Dynamic Message Signs and Portable Changeable Message Signs are treated the same way in the system.

Messages can be posted to the signs manually, through event response plans, or from a library. A message sign may have many types of messages in its message queue: the sign displays the message with the highest priority.


ICONS

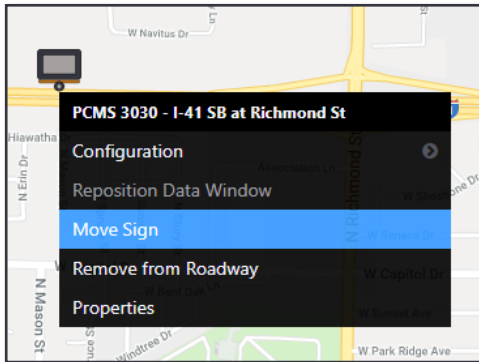


Portable Sign: a sign with an orange bar and wheel in place of a pin means the sign is relocatable.

RELOCATE PCMS

Move PCMS

You can relocate a portable message sign by right clicking the sign icon and selecting Move Sign. Selecting this option changes the sign icon to a moving state: 



Drag the moving sign icon to a new location. When released, the system will ask you to select the sign's new location. Press Cancel to continue moving or select the roadway from the list. Only nearby roads configured in the system will appear. Enter a new description for the sign based on its new location and click Relocate to complete the move.

Select Sign Location

Roadway:

I-41 South

Mile:

141.3

Reference:

0.58

miles

Beyond

Exit To RICH

Description:

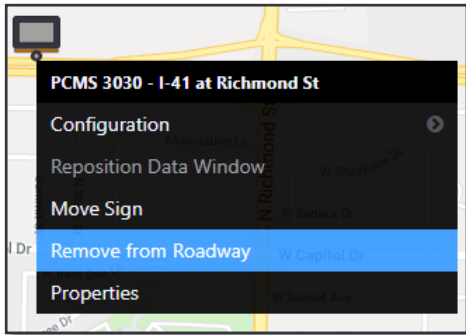
I-41 at Richmond St

Relocate

Cancel

Remove PCMS from Roadway

A sign that is being moved to storage can be removed from the map. Right-click the sign icon and select Remove from Roadway. The system will prompt you to confirm that the sign should be removed from the map.



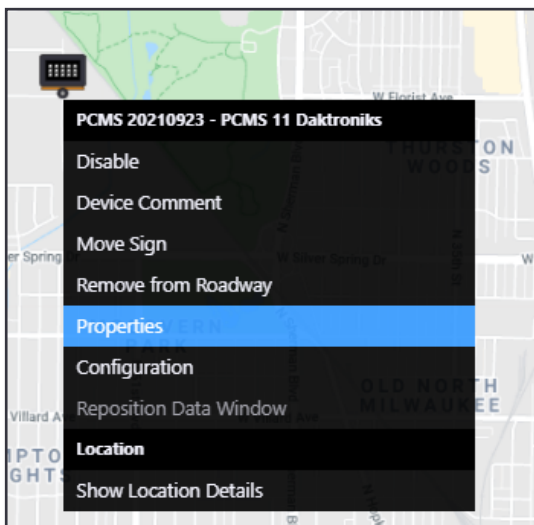
Return PCMS to Roadway

A sign that is removed from the map appears only in the Sign List with a Description of Off Roadway. Signs can be returned to the map from the sign list by selecting the menu at the right of the list and choosing Return to Roadway. The system will prompt for the sign location, including roadway, mile marker/reference location, and description

Sign List									
Search: off road									
Display ID	Road Name	Description	Region	Type	Status	Control Source	Phase 1	Phase 2	
3030	Other	Off Roadway		PCMS	Disabled	Default			Enable Disable Configuration Delete Return to Roadway
5004	Other	Off Roadway		PCMS	Disabled	Default			Enable Disable Configuration Delete Return to Roadway

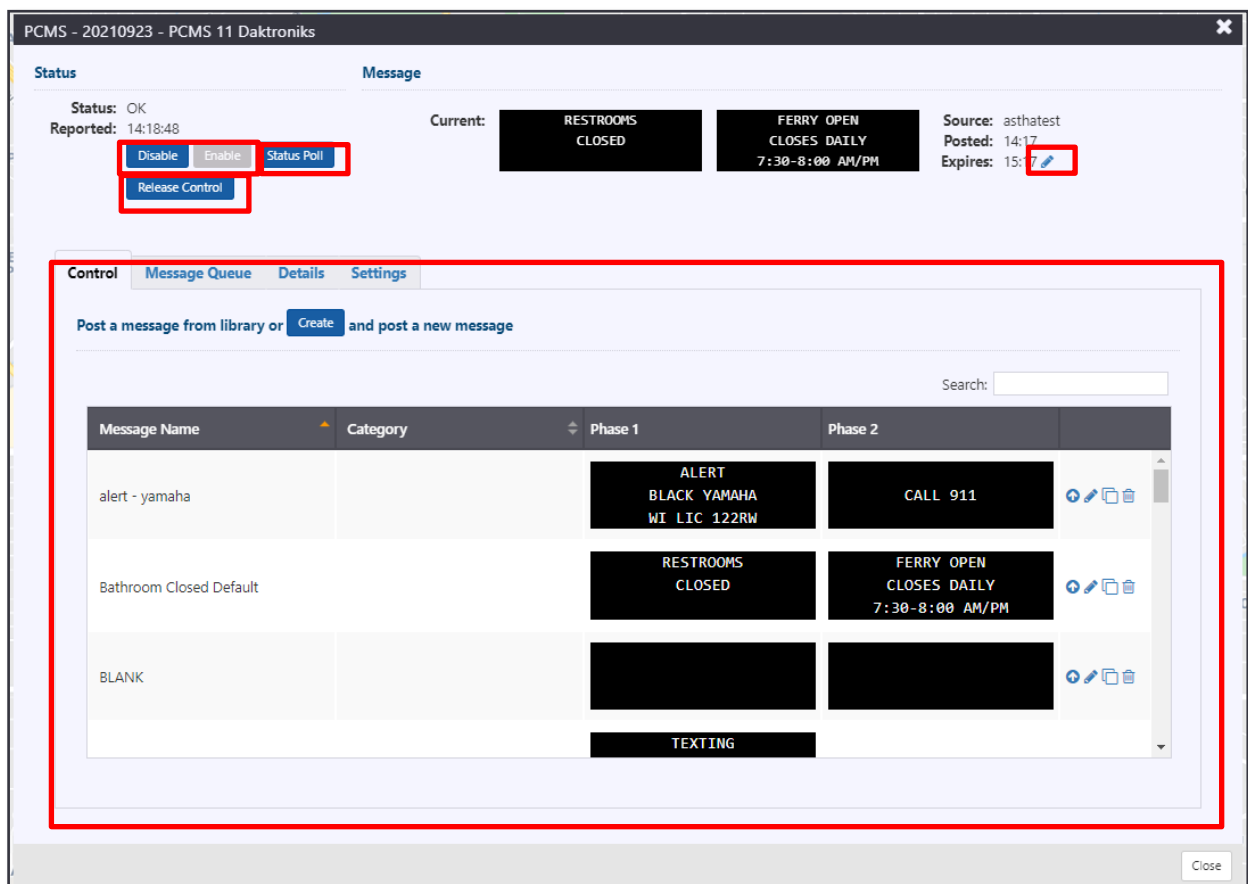
MANAGEMENT

You can manage a sign by right clicking its icon in the map and selecting the **Properties** option.



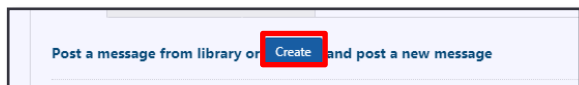
The top of the main Message Sign management screen shows general sign controls:

- **Disable – Enable:** disables or enables the sign in the ATMS.
- **Release Control:** removes a manual message from the message queue.
- **Expiry:** sets a duration after which the manual message is removed from the message queue.
- **Detailed Sign Management:** see tabs.
- **Status Poll:** poll the sign



DETAILED SIGN MANAGEMENT

Under the Control Tab of the Detailed Sign Management window, click the Create button to create a new manual message



You can compose a new message using words from the Approved Words List (set by the System Administrator) and give it a **Name**.

Message signs can display two phases of a message alternately. Use the **Add Phase** button create a new phase.

To save this message in the Sign Library, click the **Save to Library** button. The message library is shared for all signs of the same sign type.

To put a message into the sign's message queue, click the **Post** button. In general, the message with highest priority is the only one displayed. Manual messages always have high priority.

Create and Post Message

Sign ID: 13

Display Format: Daktronics 27x105

Phase 1

Line

Text

1

SLIPPERY WARNING

2

USE CAUTION

3

Preview:

SLIPPERY WARNING
USE CAUTION

Add Phase

Name: *

Slippery Warning

(34 characters remaining)

Category:

Default

Priority:

1

Save to Library

Post

Cancel

The message library for the selected sign is shown at the bottom of the **Control** tab of the Detailed Sign Management window.

There are three buttons for each message:



Post this as a manual message



Edit this message in the message library



Delete this message from the message library

Message Name	Category	Phase 1	Phase 2	
alert - yamaha		ALERT BLACK YAMAHA WI LIC 122RW	CALL 911	
Bathroom Closed Default		RESTROOMS CLOSED	FERRY OPEN CLOSES DAILY 7:30-8:00 AM/PM	
BLANK				
		TEXTING		

Under the **Details** tab, you can view sign inventory details (IDs) and view communication status.

Details and warning messages will be displayed under the Details item. Error messages will be included under both operational and command details, with the sign reporting if there was an error posting a message to the sign or if a message was posted successfully.

Control

Message Queue

Details

Settings

ID Info

Device ID: 313

Display ID: 13

Contract ID: D212249

Organization: NITTEC

Class Name: Daktronics 27x105

Nearest Cameras

Upstream: N/A

Downstream: N/A

Details

Operational Details: Operational Status Active

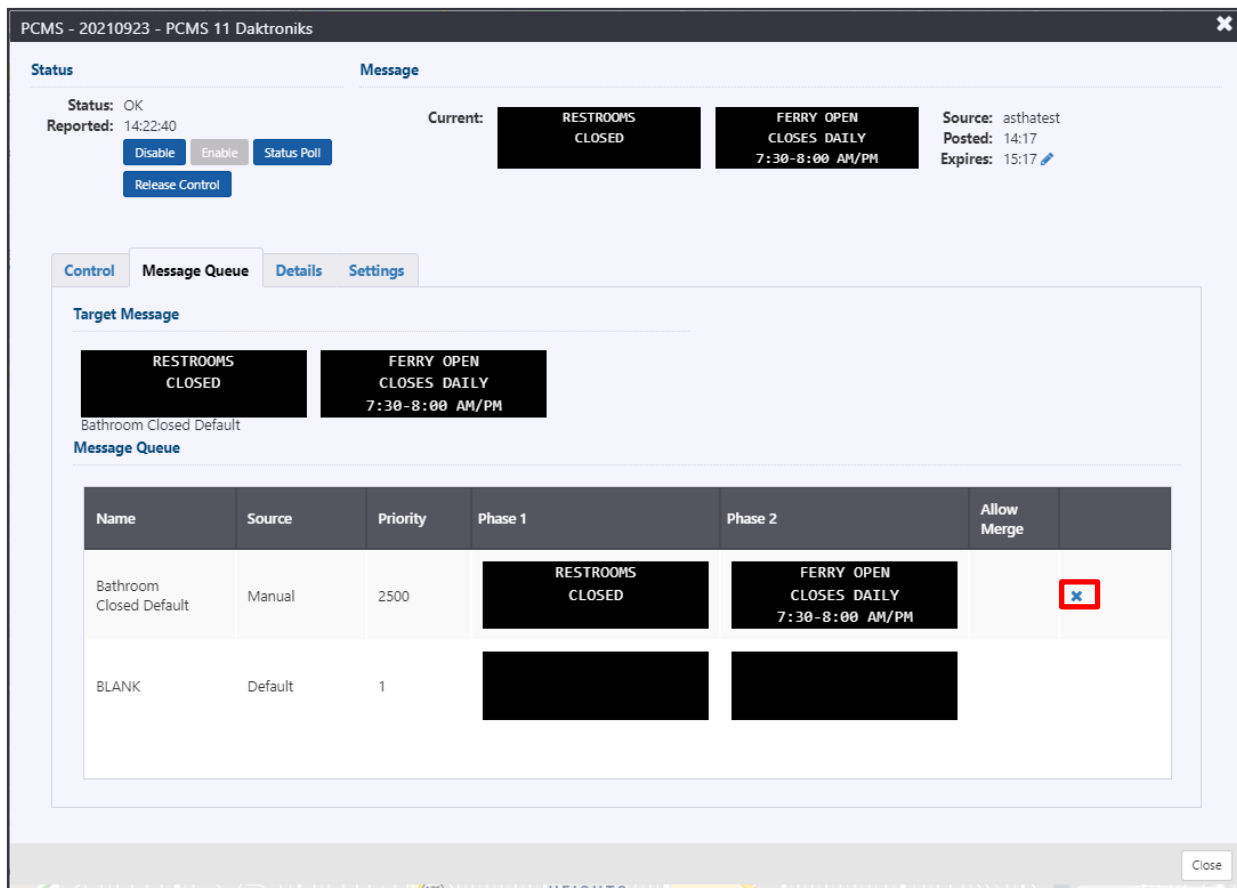
Command Details: Message Posting Status Ok

Actions: [Acknowledge](#)

Comment: sysuser on 05/12/2021 11:48 integration testing

MESSAGE QUEUE

Messages that may be posted to a sign are managed through its **Message Queue**. From here, the target message that the system will attempt to post to a sign is displayed, as well as any other messages that have been added to the sign. Messages are populated in the queue with highest priority messages appearing on top.



To allow/disallow a message to merge with another message in the queue, click the checkbox beside it.

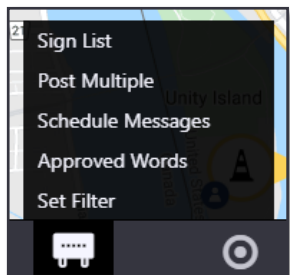
To remove a message from the queue, click the **X** beside it.

Note: Scheduler and Travel Time messages are continuously pushed to a sign's queue. Unchecking allow merge or removing messages from these sources will not remain in effect, as the system will repopulate missing Scheduler and Travel Time messages, with the default allow merge state. Preventing these messages from displaying is best done through setting a higher priority message to not be merge-able with a lower priority Scheduler or Travel Time message

Note: Messages are prioritized in two steps. First, messages are prioritized based on their Source. Manual messages always appear at the top of the priority and Default messages are at the bottom. Other sources are prioritized based on configuration. Secondly, within each source messages have a numeric priority value; higher priority numbers are higher in the message queue.




MORE FUNCTIONS

You can reach the signs menu by Right Clicking the **Message Signs** icon from the Action Panel. It has the choices Sign List, Post Multiple, and Schedule Messages.

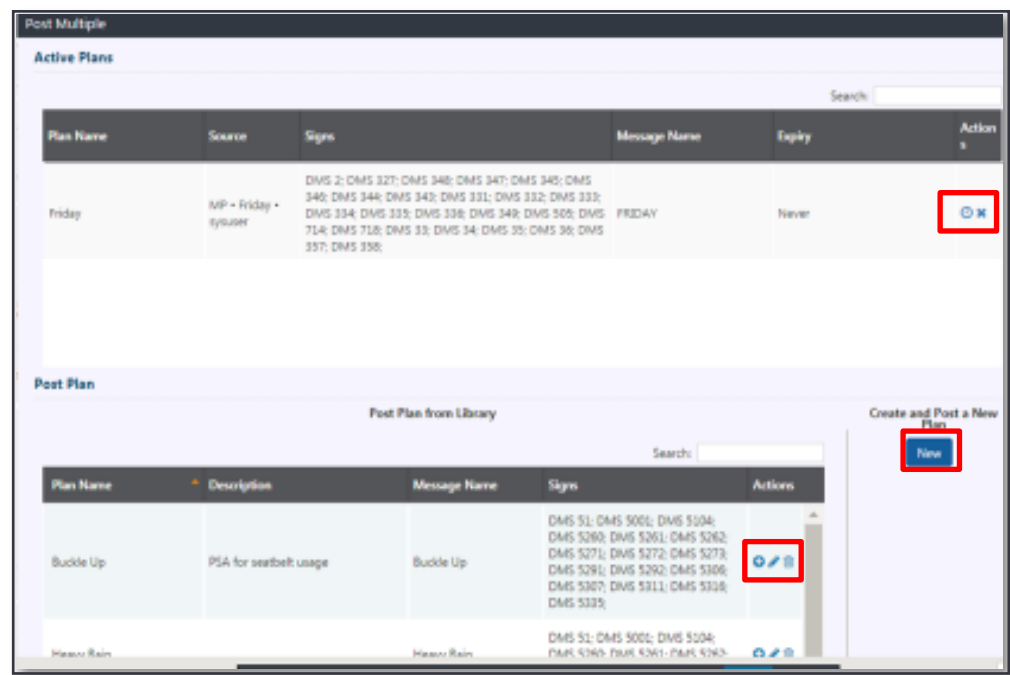


The User can post a message to a group of signs using the Post Multiple windows.





The Active Plans area shows the group messages currently active in the system, with the option to **Modify Message Duration** or **Remove** message from signs.




The Post Plan area shows a library of multiple signs message plans, with options to  **Post**,  **Edit**, or  **Remove** the plan.

The Create and Post a New Plan area lets you create a **New** message plan for multiple signs.

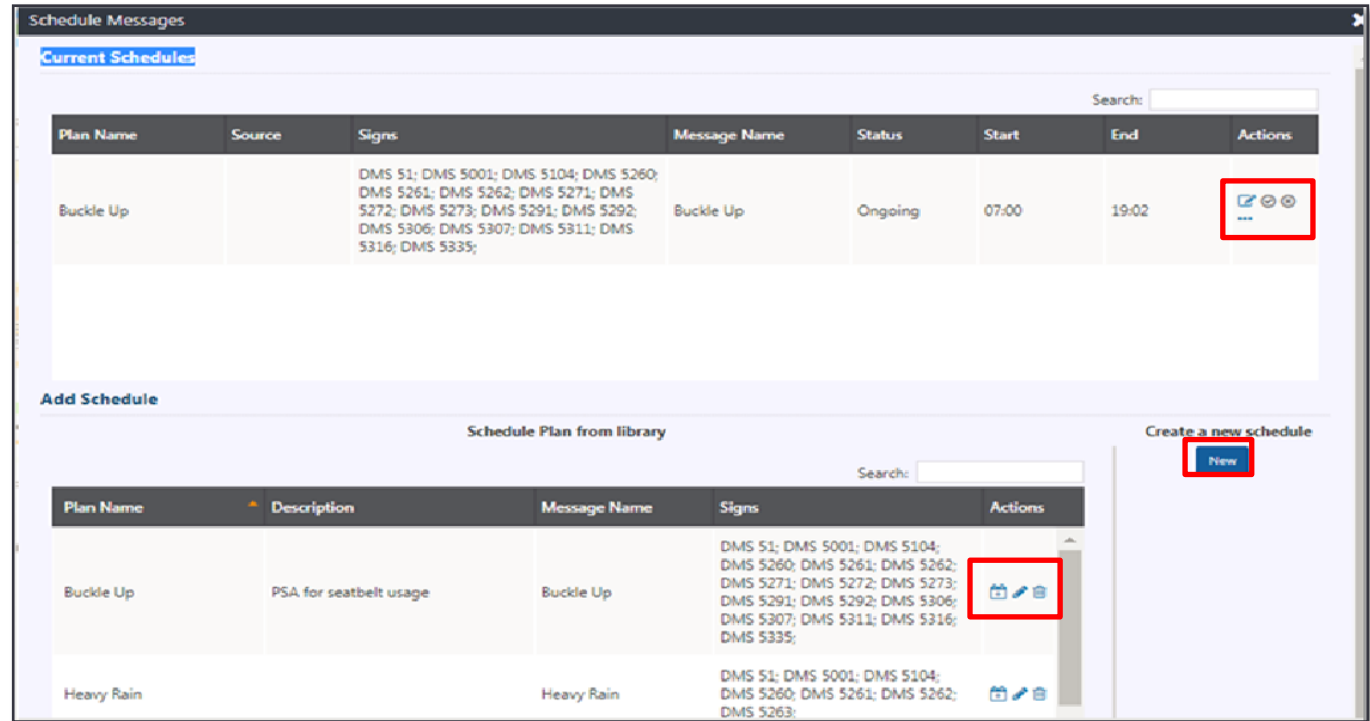


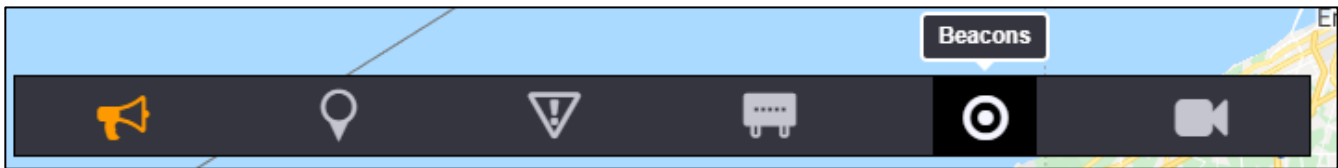
You can schedule the posting of messages to a group of signs.

The Current Schedules area shows the group messages active in the system, with the option to  **Review** and edit the plan,  **Activate** the plan, or  **Deactivate** the plan. You can also **Disown** or **Delete** the plan by clicking the  button to display those choices.

The Add Schedule area shows a library of multiple-sign message plans, with options to  confirm the **Schedule**,  **Edit** the plan, or  **Delete** the plan.

Create a new schedule lets you create a New plan of scheduled messages.





inSIGHT ATMS allows for automatic and manual control of Beacons/Discrete State Signs (DSS). Beacons are typically used to indicate messages to traveler in relation to a static road sign.

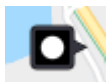
You can show or hide beacons on the map by clicking the **Beacons** icon in the Action Panel menu.

The state of the signs can be controlled manually, or through event response. A beacon may have different requested states in its queue based on source: the sign displays the state with the highest priority.

ICONS



A grey dot indicates the sign is OFF, but online / enabled.



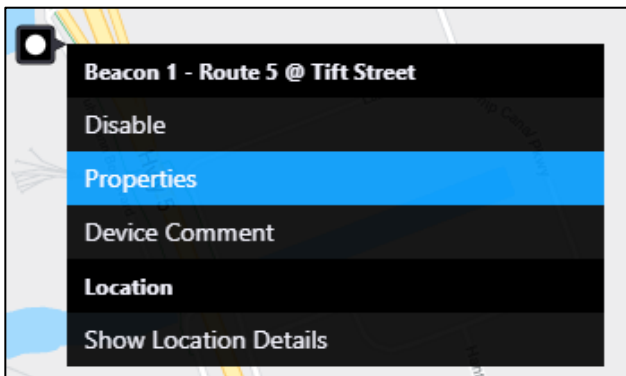
A white dot indicates the sign is ON.



a grey sign face means that the sign has been disabled by a user.

MANAGEMENT

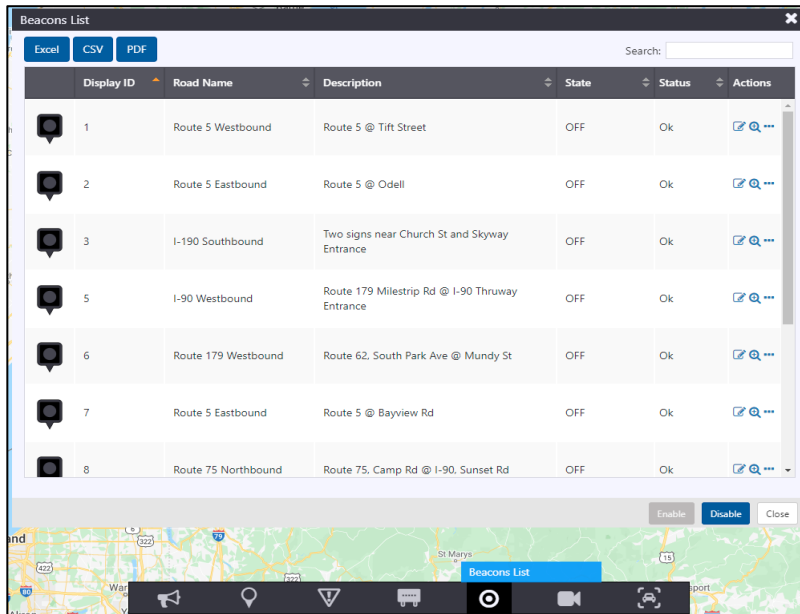
You can manage a beacon by right clicking its icon in the map and selecting the Properties option, or the properties button in the beacons list.



The map dropdown shows the following options:

- **Disable – Enable:** disables or enables the sign
- **Properties** – popup to control the sign. Detailed further in this guide.
- **Device Comment** – add comments

LIST VIEW

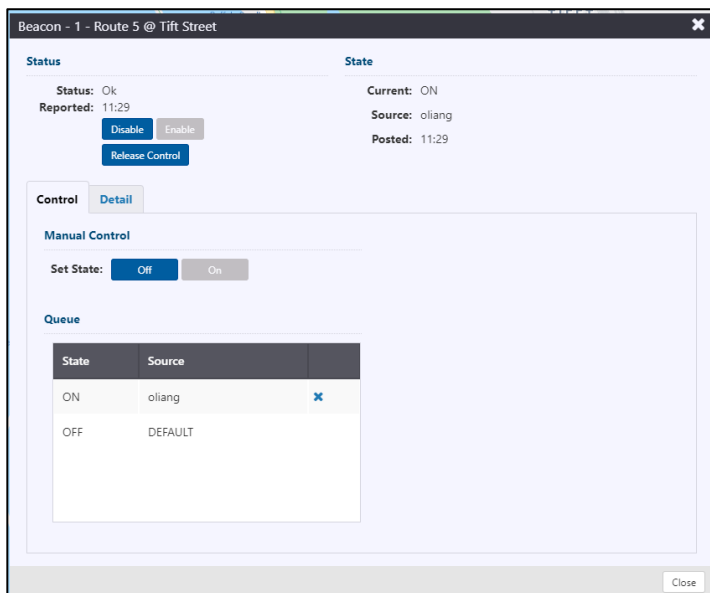


Display ID	Road Name	Description	State	Status	Actions
1	Route 5 Westbound	Route 5 @ Tift Street	OFF	Ok	[Icon] [Icon] [Icon]
2	Route 5 Eastbound	Route 5 @ Odell	OFF	Ok	[Icon] [Icon] [Icon]
3	I-190 Southbound	Two signs near Church St and Skyway Entrance	OFF	Ok	[Icon] [Icon] [Icon]
5	I-90 Westbound	Route 179 Milestrip Rd @ I-90 Thruway Entrance	OFF	Ok	[Icon] [Icon] [Icon]
6	Route 179 Westbound	Route 62, South Park Ave @ Mundy St	OFF	Ok	[Icon] [Icon] [Icon]
7	Route 5 Eastbound	Route 5 @ Bayview Rd	OFF	Ok	[Icon] [Icon] [Icon]
8	Route 75 Northbound	Route 75, Camp Rd @ I-90, Sunset Rd	OFF	Ok	[Icon] [Icon] [Icon]

Map: A map showing the location of the beacons. The Beacons List window is overlaid on the map.

Additionally, a list of all beacons can be displayed by **right clicking** the beacons icon in the Action Panel menu. The actions column contains 3 buttons. Sign Properties  , zoom map to sign  , and enable/disable sign dropdown  .

Beacon Properties



Status

Status: Ok
Reported: 11:29

Disable
Enable

Release Control

State

Current: ON
Source: oliang
Posted: 11:29

Control

Detail


Manual Control

Set State:

Off

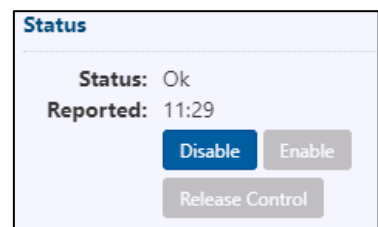
On

Queue

State	Source	
ON	oliang	
OFF	DEFAULT	

SIGN STATUS

Here the sign can be disabled, where the system will stop communication with the sign, or enabled. If the sign was put under manual control, the sign can be released back to automatic control with the release control button.



Status

Status: Ok
Reported: 11:29


Disable

Enable

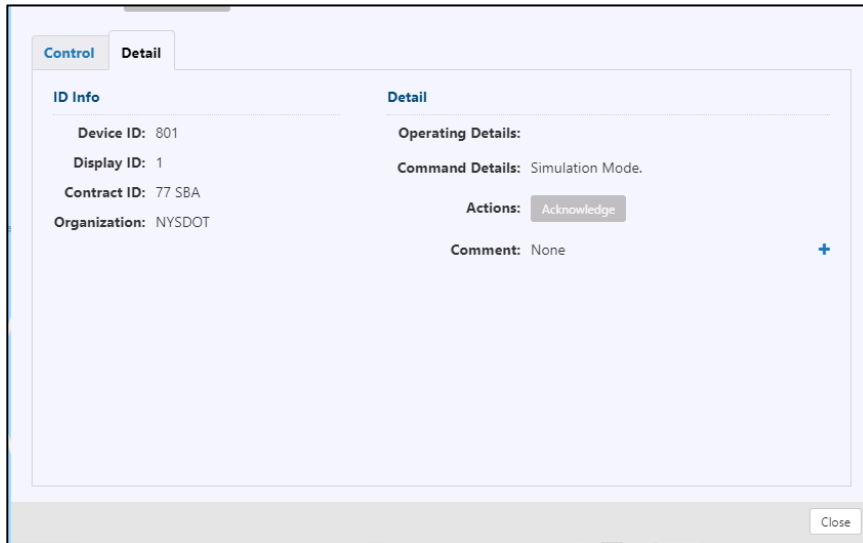
Release Control

CONTROL TAB


Under manual control, the state of the sign can be set to opposite its current state by the operator.


The requested states of the sign are displayed within the queue. The operator can remove requested states from the queue with the Button. 

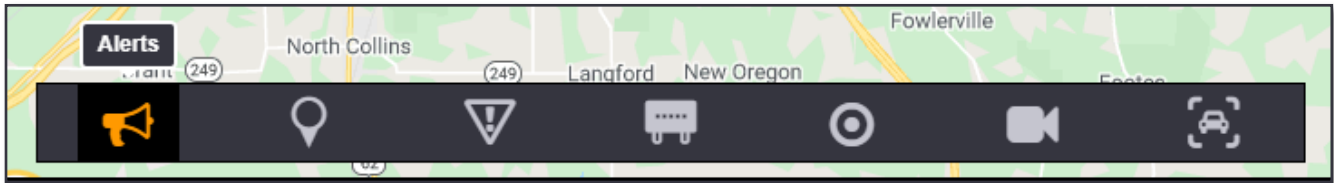
DETAILS TAB



The screenshot shows a web interface with two tabs: 'Control' and 'Detail'. The 'Detail' tab is active. It is divided into two main sections: 'ID Info' on the left and 'Detail' on the right. The 'ID Info' section contains the following text: 'Device ID: 801', 'Display ID: 1', 'Contract ID: 77 SBA', and 'Organization: NYSDOT'. The 'Detail' section contains 'Operating Details:', 'Command Details: Simulation Mode.', and 'Actions: Acknowledge' (with a button). Below these is 'Comment: None' followed by a blue plus button. A 'Close' button is located at the bottom right of the interface.

ID Info	Detail
Device ID: 801	Operating Details:
Display ID: 1	Command Details: Simulation Mode.
Contract ID: 77 SBA	Actions: Acknowledge
Organization: NYSDOT	Comment: None 

The details tab contains administrative information and operational details for the sign. Comments attached to the sign are displayed here, and additional comments can be added with the  button.

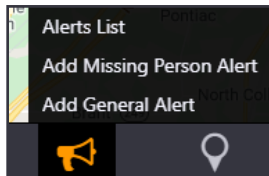


inSIGHT ATMS Alerts button is for missing persons and general alerts. These alerts send out warnings via DMS, Email and/or API.

MANAGEMENT

There are two types of Alerts that could be created: **Missing Person Alert** or **General Alert**.

Alerts menu:



To add an alert, right-click the **Alerts** button in the action panel appropriate alert type.

General Alert:

Use the **Primary Details** tab to fill in information about the alert. Note the cause, title and any description you wish to disseminate through response.

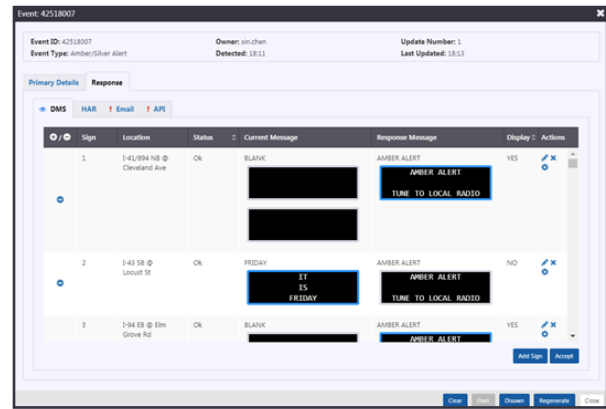
Missing Person:

Use the **Primary Details** tab to fill in information about the missing person, as well as the level of response. You can add details of a vehicle, last known location, the missing person's appearance, and any travelling companion. Vehicle models are mostly generic based on car body type.

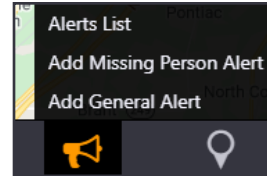
GENERAL ALERT

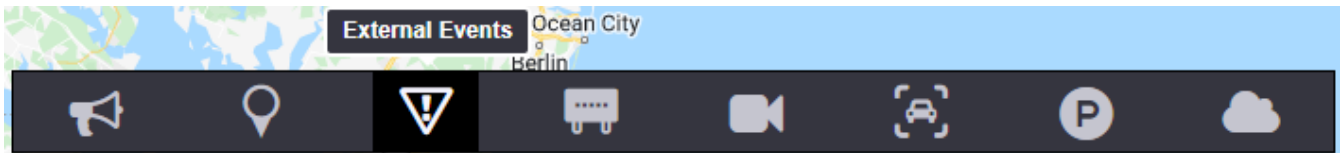
MISSING PERSON ALERT

Use the Response tab to activate response plans:
 Quick Reference 3 shows more details on Response Plans.




Right clicking the **Alerts** button in the action panel has the menu choice to display the Alerts list. You can also add an alert from the list.





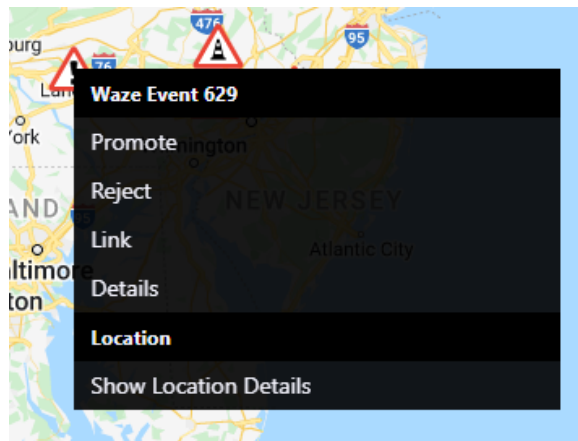
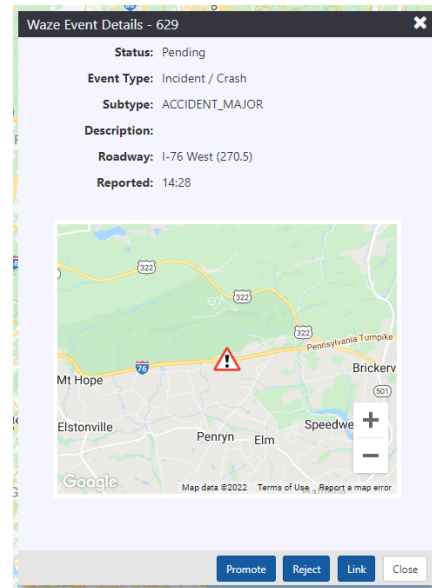
inSIGHT ATMS External Events button is for reviewing external Waze events and managing them in ATMS. These events are created via API and are Promoted / Rejected / Linked in ATMS.

View Event

External Event can be viewed on the ATMS map by clicking External event icon  in the action panel.

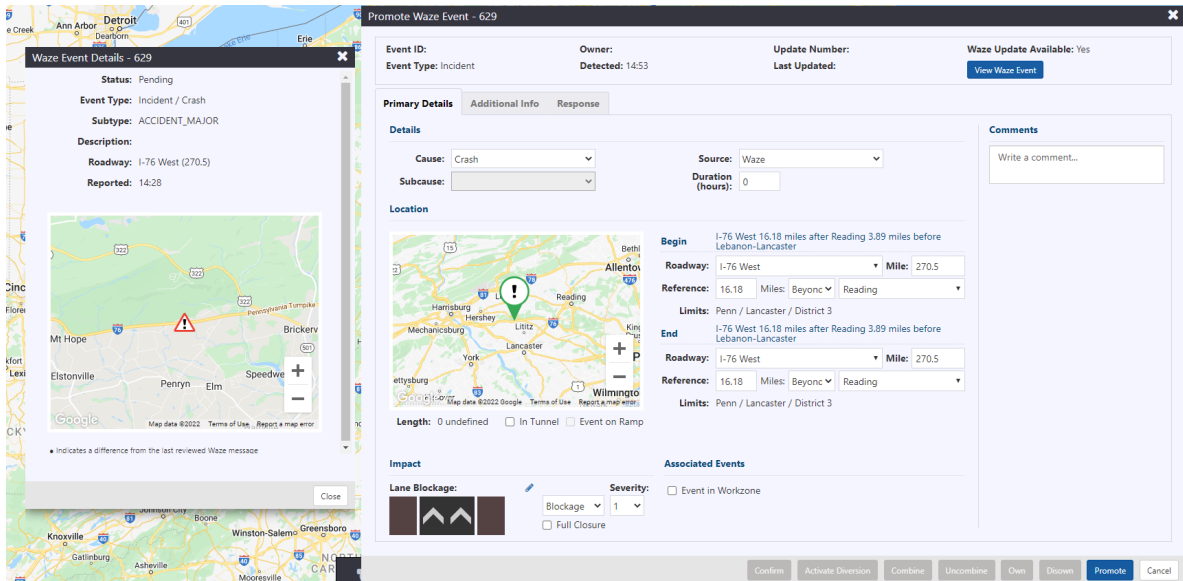


Right click on the Waze Event. Click Details.



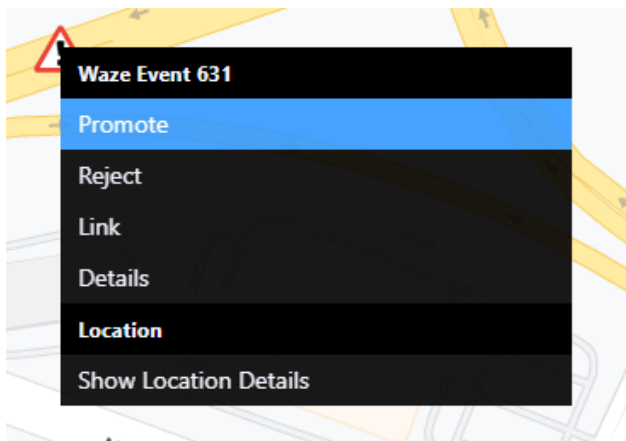
Promote Event

- Click on the notification icon to Promote an Event.



Click on Promote Event button on the Event.

- Navigate to the icon on the ATMS map. Right click on the icon.



Click Promote.

Link Event

Click Link button.

[Link](#)

Reject Event

Click Link button.

[Reject](#)

Select reason for Rejection. Click Reject.

Waze Event Details - 630

Status: Promoted

Event Type: Incident / Debris on Roadway

Subtype:

Description: Debris on roadway on NORTH RD southbound between 1 miles NORTH of DAWN ST and DAWN ST. There is a lane restriction.

Roadway: NORTH RD

Reported: 11:24

Reject Waze Event - 630

Select a reason for rejecting this event.

Reject Reason:

Other Reason:

Could not verify

Duplicate

Not on Managed Roadway

Other

Noblestown

Sturgeon

McDonald

Google

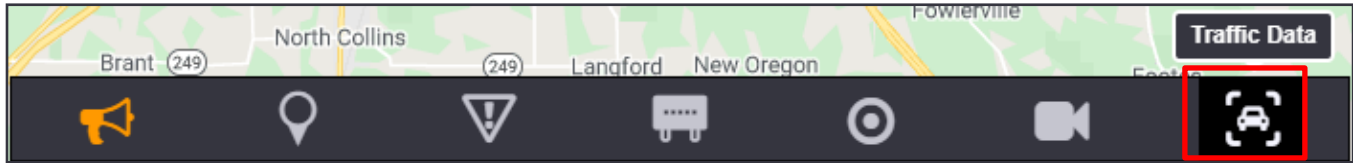
Map data ©2022 Terms of Use Report a map error

Promote

Reject

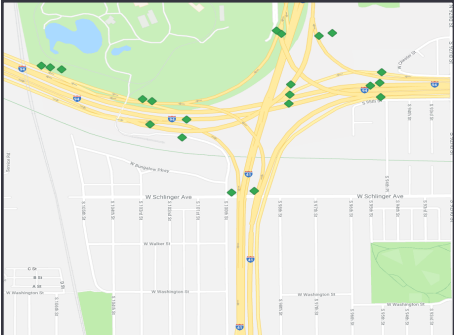



Link

Close

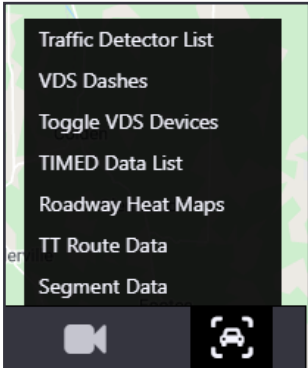


The system gets traffic data from various sources and displays them on the map. Traffic Data and Traffic Layers icons from the Toolbar Menu let you manage traffic data sources and their display.

ICONS

Traffic Data – Physical Detectors	Traffic Layers – Physical
 <div data-bbox="641 640 836 892"> <p>Device Status</p> <ul style="list-style-type: none">  Normal  Fault or Offline  Disabled by user </div>	<div data-bbox="901 640 1128 903"> <p>Link Color</p> <ul style="list-style-type: none"> Free Flow Slowdowns Congestion No Data </div>

MANAGEMENT

Traffic Data	Traffic Layers
<p>Click on a device for its details.</p> <p>Right-click on action panel to view traffic data in list format or configure travel time segments</p> 	<p>Right-click on map panel: switch layers for the traffic layer on the map</p> 