
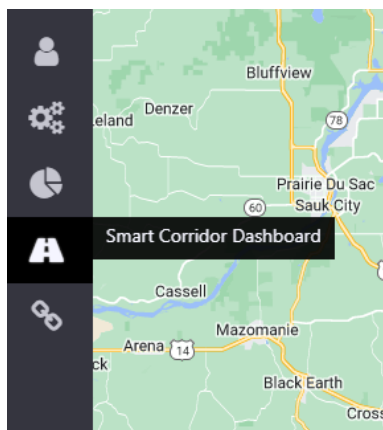
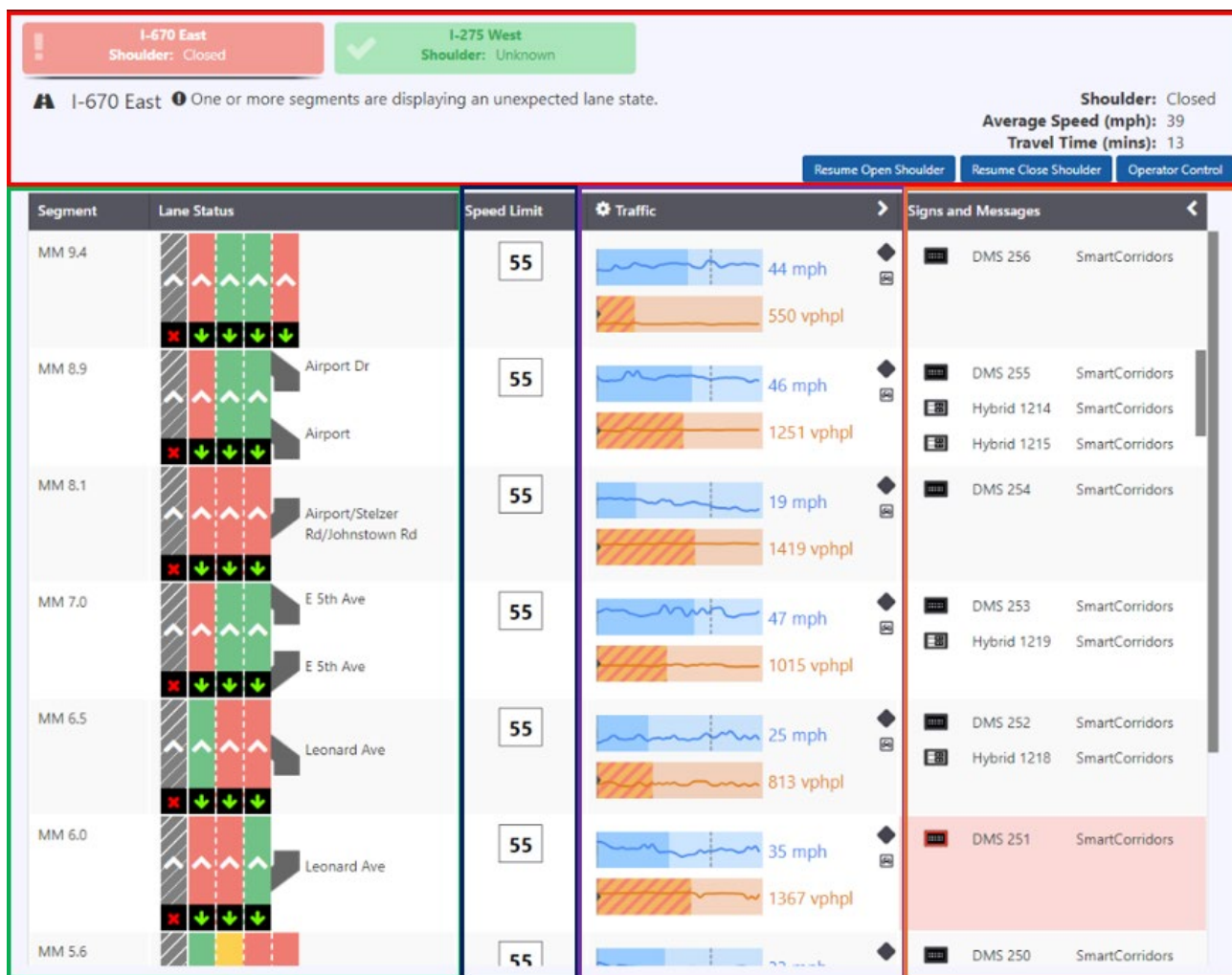


The user access ATMS Smart Corridor by clicking  icon in the left-hand navigation menu.



Dashboard

The corridor dashboard will be the primary interface to control and monitor devices and events on the corridor. Functionality to view devices, monitor traffic conditions, receive shoulder recommendations, and open/close the shoulder will be access through this interface. In general, devices and events will be accessible from this dashboard but open on the main ATMS map.




The dashboard open in its own browser window and consists of:


- **Corridors** - Corridors can be selected for viewing the traffic conditions bi-directional. Switch the corridors by clicking them. The selected corridor is highlighted.
- **System Recommendation** – It is populated if there is any error in Segment.
- **Segment and Lane Status** - The collection of segments configured as part of the corridor indicating the name of each segment.
- **Traffic and Speed** - Traffic describes volume and speed data associated with each segment of the corridor. A graph showing current speeds and volumes along the corridor, aligned with the schematic detection sites can be associated with a segment, and points on the graph for speed and volume can be presented at a point in the cell or area matching that segment that is a proportional distance into the cell matching the proportional distance of the device location along the segment from its start point
- **VDS and RTMS** - The VDS and RTMS come from ATMS and could be seen on Smart Corridor by hovering over the icon
- **Signs and Messages** - The signs come from ATMS and could be seen on Smart Corridor by hovering over the sign icon. The LCS properties could be viewed by clicking on icon either on ATMs, opens to the ATMS window, or on Window, opens to another window.
- **CCTV** - Hover on CCTV icon to view the CCTV view for the segment.
- **Shoulder Workflow** - Shoulder process can be managed by Open Shoulder, Close Shoulder or Operator Control managing the process.

Open Shoulder

A shoulder can be Open if its in Closed or Partial state.

I-670 East
Shoulder: Partial

 I-275 West
Shoulder: Closed

 I-275 West
Corridor State: Available Set to Unavailable

Shoulder: Closed
Average Speed (mph): 33
Travel Time (mins): 82
Open Shoulder Operator Control

Click **Open Shoulder** button to initiate the Open Shoulder process. Click PLAY icon to start the step.

US 12 West Open Workflow - US 12 West Open Workflow - Google Chrome

Not secure | 20.96.126.37/App/smartCorridorWindow.html

Step	Action	Result	Time Completed	Comment	
1	FST Sweep (Optional)				✓ ✕
2	Lane Sweep				▶
3	Change LCS				▶
4	Confirm LCS				▶
5	Send Open Notification				✓ ✕

Open Shoulder Result

Result: Pending
Comment:

Pass

Fail

Cancel

Close

After completing all the steps, select the Result as Passed or Failed to complete the step. Click Save.

US 12/18 East Open Workflow - US 12/18 East Open Workflow - Google Chrome

stagingngatms.dot.wi.gov/App/smartCorridorWindow.html

Step	Action	Result	Time Completed	Comment
1	FST Sweep (Optional)	Passed	06/22/2022 22:22	
2	Camera Sweep	Passed	06/22/2022 22:22	
3	Change LCS	Passed	00:30	
4	Send Eastbound Open Email	Passed	01:15	
5	Set Cameras to Default	Passed	01:27	

Open Shoulder Result

Result: Passed

Comment:

PassFailCancelClose

The shoulder is Open for the corridor. Close Shoulder option is active.

Close Shoulder

A shoulder can be Closed if it's in Open or Partial state.

US 12/18 East
Shoulder: Open

US 12/18 West
Shoulder: Open

A US 12/18 West

Shoulder: Open

Average Speed (mph): 39

Travel Time (mins): 16

Close ShoulderOperator Control

Click **Close Shoulder** button to initiate the Close Shoulder process. Click PLAY icon to start the step.

US 12/18 West Close Workflow - US 12/18 West Close Workflow - Google Chrome

stagingngatms.dot.wi.gov/App/smartCorridorWindow.html

Step	Action	Result	Time Completed	Comment
1	Change LCS			
2	Confirm LCS (Optional)			
3	Send Westbound Closed Email			

Close Shoulder Result

Result: Pending

Comment:

Pass Fail Cancel Close

After completing all the steps, select the Result as Passed or Failed to complete the step. Click Save.

US 12/18 West Close Workflow - US 12/18 West Close Workflow - Google Chrome

stagingngatms.dot.wi.gov/App/smartCorridorWindow.html

Step	Action	Result	Time Completed	Comment
1	Change LCS	Passed	03:11	
2	Confirm LCS (Optional)	Passed	03:19	
3	Send Westbound Closed Email	Passed	03:27	

Close Shoulder Result

Result: Passed

Comment:

Pass Fail Cancel Close

The shoulder is Closed for the corridor. Open Shoulder option is active.

Operator Control

Click on Operator Control button to set the signs and message to all or a specific corridor.

I-670 East

Shoulder: Open

I-275 West

Shoulder: Unknown

A I-670 East

One or more segments are displaying an unexpected lane state.

Shoulder: Open

Average Speed (mph): 39

Travel Time (mins): 13

Resume Close Shoulder

Operator Control

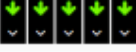

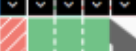
- Change all Lane Status

In order to change the Lane Status for all the lanes, select the sign and click **Set All**.

The screenshot shows the 'Lane Status' interface. At the top, there's a title 'Lane Status'. Below it, there's a grid of lane status indicators. The grid is organized into columns and rows. The first row contains five green arrows pointing down. The second row contains a black square with a green arrow, a green square with a white arrow, and a red square with a white arrow. The third row contains a black square with a red X, a green square with a white arrow, and a red square with a white arrow. The fourth row contains a black square with a yellow X, a green square with a white arrow, and a red square with a white arrow. The fifth row contains a black square with a yellow arrow, a green square with a white arrow, and a red square with a white arrow. The sixth row contains a red square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The seventh row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The eighth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The ninth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The tenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The eleventh row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The twelfth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The thirteenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The fourteenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The fifteenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The sixteenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The seventeenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The eighteenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The nineteenth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The twentieth row contains a green square with a white arrow, a green square with a white arrow, and a red square with a white arrow. The interface also includes a 'Set All' button in the top right corner. The interface is divided into sections for 'Airport Dr' and 'Airport'.

- Change Speed Limit

To change the Speed Limit for all the lanes, select the sign and click Set All. To change Speed Limit for Segment, only change the Speed Limit for that lane.

Segment	Lane Status	Speed Limit	Time
All	 <input type="button" value="Set All"/>	<div>35</div> <input type="button" value="Set All"/>	
MM 9.4		<div>45</div>	
MM 8.9		<div>45</div>	Airport Dr

- Change status of specific segment

To change the lane status of only selected segment, select the lane status.

MM 8.9		Airport Dr	35
MM 8.1		Airport Airport	45
MM 7.0		E 5th Ave E 5th Ave	35