

# I-95 Corridor Coalition

## Southern Traffic

### Incident eXchange Program



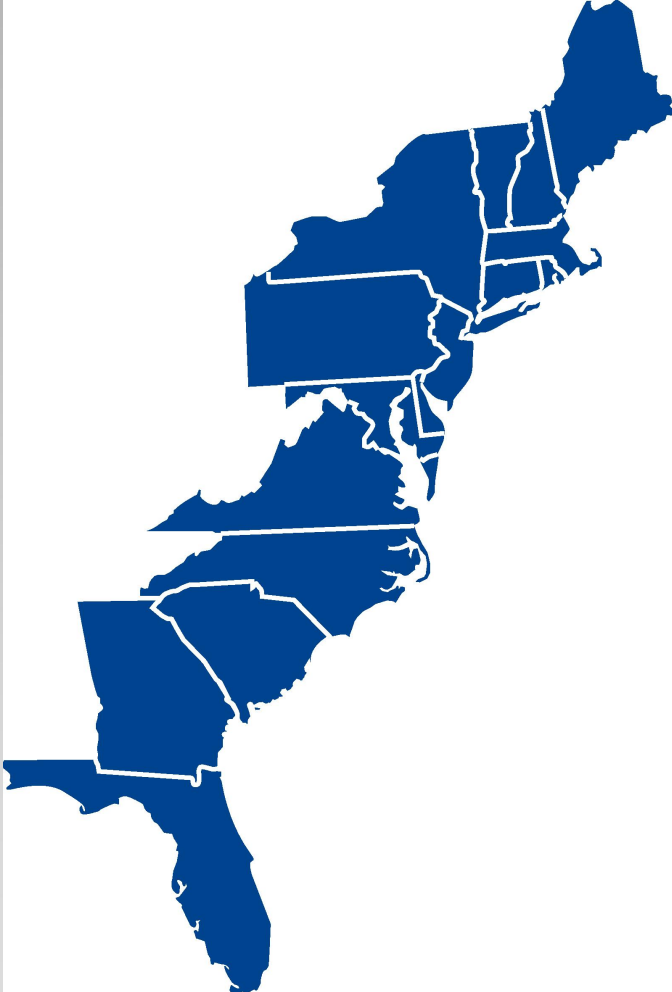
**ITS-Georgia/TIME Joint Conference**

**October 20, 2008**

**Savannah, Georgia**

# *I-95 Corridor Coalition*

*[www.i95coalition.org](http://www.i95coalition.org)*



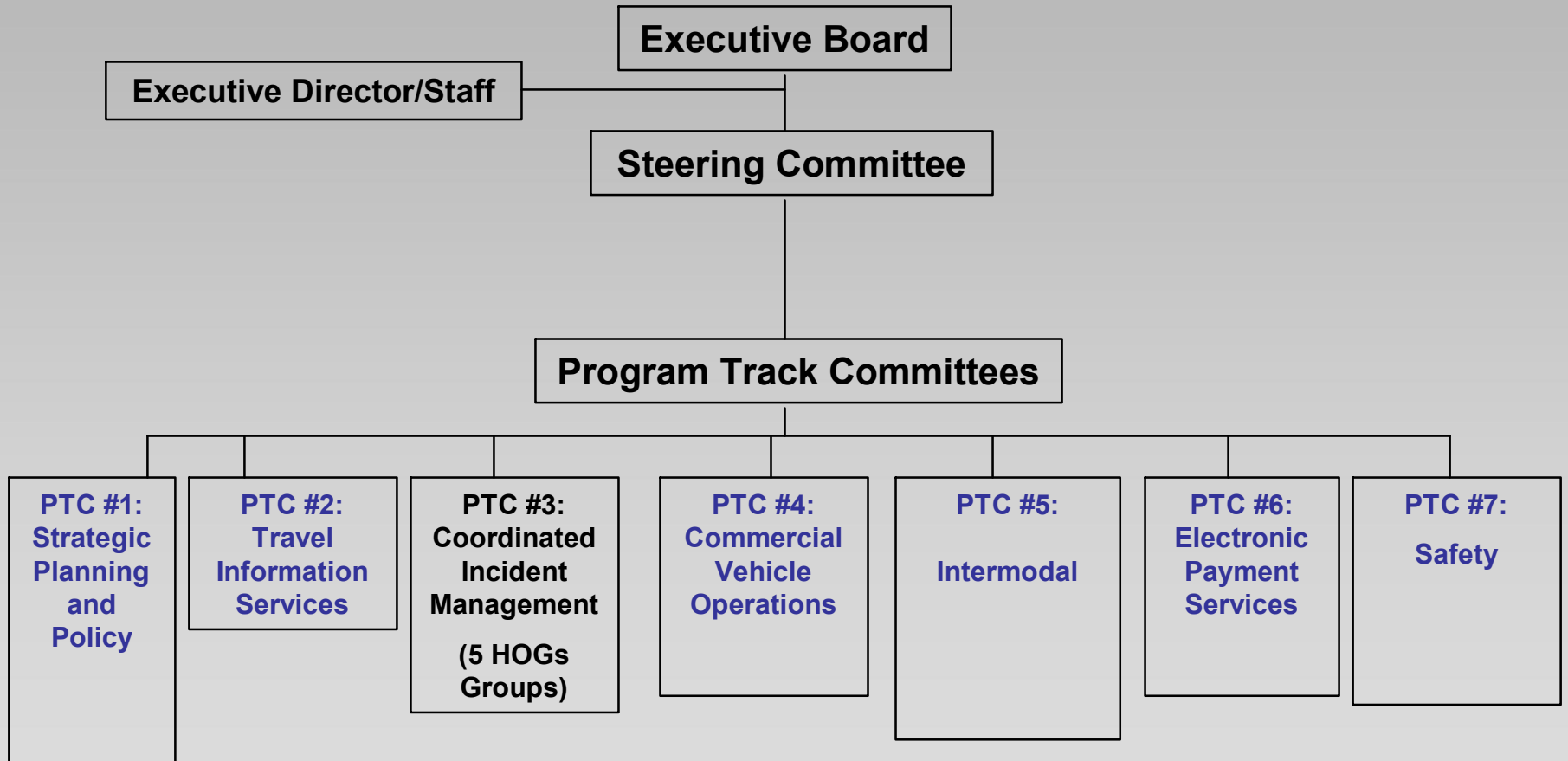
- **A partnership of transportation agencies**
- **A successful model for interagency cooperation and coordination since the early 1990's**
- **Not only for agencies with the I-95 Corridor in their jurisdiction!**

# *I-95 Corridor Coalition*



- An alliance of transportation agencies, toll authorities and related organizations from Maine to Florida
- A forum for key decision and policy makers to address transportation management and operations issues of common interest

# Organizational Structure



# I-95 Corridor Coalition Membership



## State & Local DOT's Transportation Authorities

Connecticut  
Delaware  
District of Columbia  
Florida  
Georgia  
Maine  
Maryland  
Massachusetts  
New Hampshire  
New Jersey  
New York City  
New York  
North Carolina  
Pennsylvania  
Rhode Island  
South Carolina  
Vermont  
Virginia

Delaware River & Bay Authority  
Delaware River Jt Toll Bridge Comm.  
Delaware River Port Authority  
Federal Highway Administration  
Federal Maritime Administration  
Federal Motor Carrier Safety Admin.  
Federal Railroad Administration  
Federal Transit Administration  
Maine Turnpike Authority  
Maryland Transportation Authority  
Massachusetts Turnpike Authority  
Metropolitan Transportation Auth.  
MTA Bridges & Tunnels  
New Jersey Transit  
New Jersey Turnpike Authority  
New York State Thruway Authority  
Pennsylvania Turnpike Commission  
Port Authority of NY& NJ  
South Jersey Transportation Auth.

## Related Organizations

AAA Foundation for Traffic Safety  
American Assoc. of MVA  
American Bus Association  
American Public Transp. Assoc.  
American Trucking Assn's  
Amtrak  
Association of American Railroads  
Baltimore Metropolitan Council  
Coalition of NE Governors  
Delaware Valley Reg'l Planning  
E-ZPass Interagency Group  
High Speed Ground Transp. Assoc.  
Intermodal Assn of NA  
IBTTA  
ITS AMERICA  
National Capital Region TPB  
National Industrial Transp. League  
National Private Truck Council  
New York Metropolitan Transp Council  
Niagara Int'l Trans Tech Coalition  
North Jersey Transp. Planning Auth.  
Seaport Advisory Council (MA)  
Towing & Recovery Assn of America

## Full Members

## Related Organizations

Georgia Regional Transp Auth.  
Governors Highway Safety Assn.  
Greater Bridgeport (CT) Transit Auth.  
New Brunswick (Canada) DOT  
New York State Bridge Authority  
Quebec Ministry of Transport

## Associate Members

## Affiliate Members

# *The I-95 Corridor Coalition:* *The System*

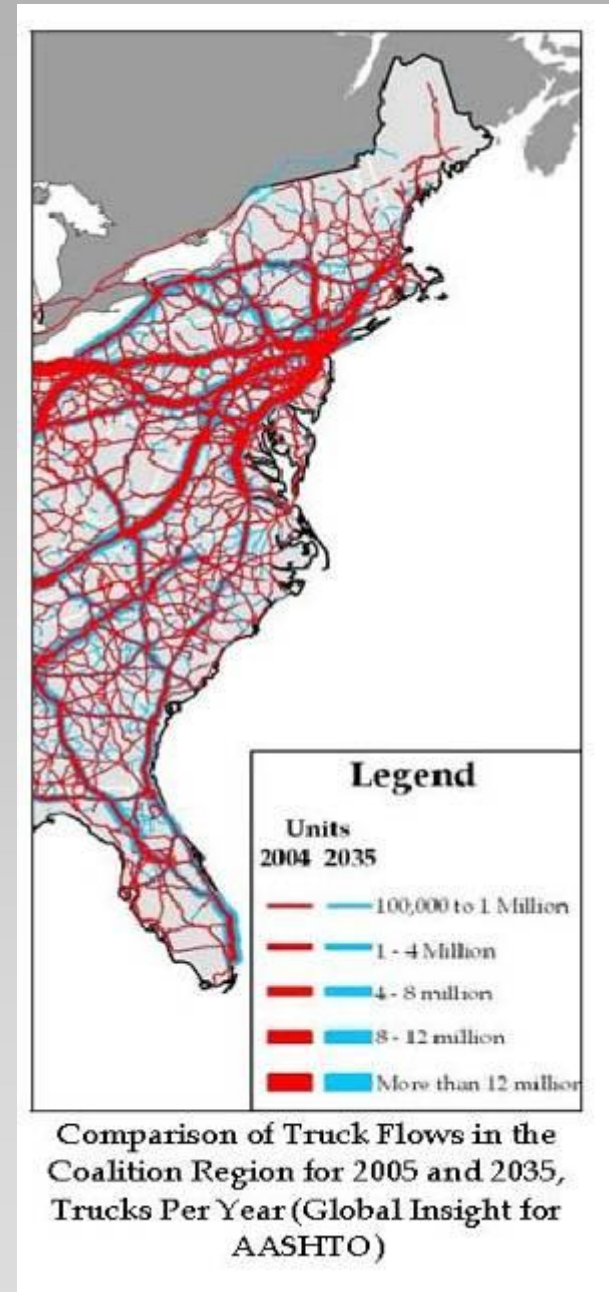


- 1,919 miles of I-95
- 40,000 National Highway System miles
- 22,000 miles of Class I rail mileage
- 46 major seaports
- 103 commercial airports



# *The I-95 Corridor Coalition Region: The Economy*

- \$4.5 trillion economy (40% of US GDP)
- 21% of nation's road miles;  
35% of nation's VMT
- 5.3 billion tons of freight shipments annually



# *Corridors of the Future Program*



- U.S. DOT National Strategy to Reduce Congestion:
  - Develop multi-state corridor programs that will help reduce transportation congestion and improve mobility
- I-95 Corridor Coalition Initiatives:
  - Real-Time Traffic Information
  - Bottleneck Financing Solutions
  - Integrated Intercity Air/Bus/Rail and Local Transit Services
  - **Expedited Incident Clearance**



***Moving The American Economy***

National Strategy to Reduce Congestion

Corridors of the Future



## ***Following the USDOT Congestion Initiative: Operational and Technological Improvements***

- **Focus on how we can better manage and operate the transportation system to relieve congestion.**
- **Operational and technological solutions sought include improving **traffic incident management...****

# *The Issue*

- The southern region (FL, GA, SC, NC) had no formal interface to coordinate inter-jurisdictional incident and traffic management activities such as contraflow operations, hurricane evacuation, or major incidents.
- New England = regional event reporting system (ME, NH, VT)
- Northern states = TRANSCOM (CT, DE, NH, NY, PA)
- Chart = (MD, VA, DC)



# *The STIX Program*



- Implemented April 1, 2008.
- The Southern Exchange Program developed interstate incident notification, information sharing, and inter-jurisdictional / inter-disciplinary coordination.
- STIX exchanges information between Florida, South Carolina, North Carolina and Georgia only for lane-closing incidents, planned special events and/or major emergencies with state/regional impact.
- Current communication/sharing is via phone and email.



Raleigh, NC

# *“Home” of the Southern Exchange Program*

- The central location where major incident information is collected and distributed throughout the Southern Region.

- Atlanta, Georgia TMC
- MOU between Coalition and GDOT

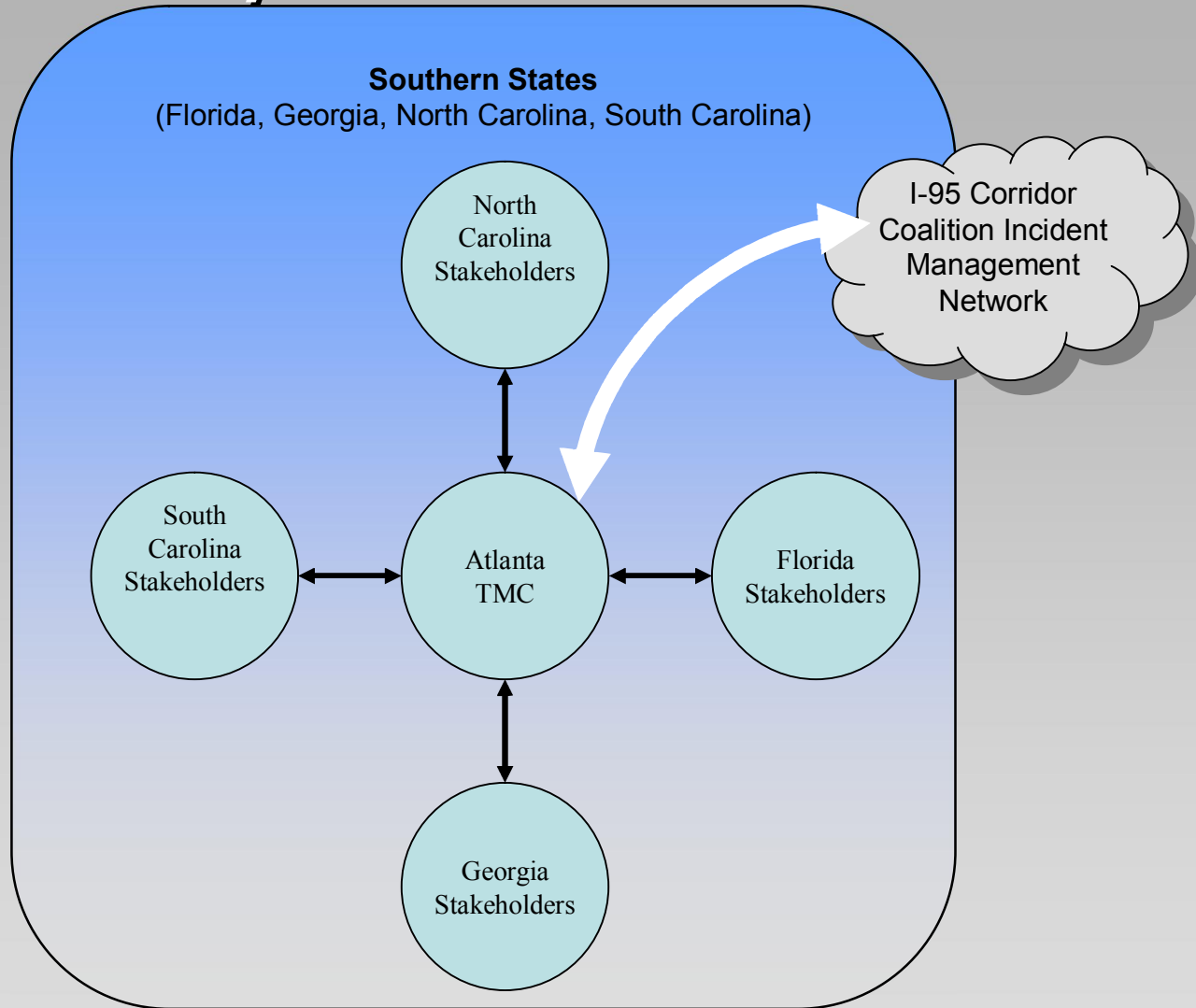


# *STIX Stakeholders*

- **Florida**
  - Broward County
  - Fort Meyers (Planned)
  - Jacksonville
  - Manatee County
  - Miami
  - Orlando
  - Palm Beach
  - Pensacola (Planned)
  - Tallahassee (Planned)
  - Tampa
  - Turnpike (Pompano)
  - Turnpike (Turkey Lake)
- **Georgia**
  - Atlanta (COMMUNICATION HUB)
  - Macon
  - Valdosta
- **North Carolina**
  - Raleigh
  - Asheville
  - Charlotte
  - Clyde
  - Greensboro
- **South Carolina**
  - Columbia
  - Charleston
  - Greenville
  - Myrtle Beach
  - Rock Hill



# *STIX Operational Overview*



# *Operational Protocols*

## **Incident Reporting to STIX/NaviGator:**

It is imperative that only incidents of regional importance be reported to NaviGator.

**Incidents, events and emergencies to be reported to NaviGator are as follows:**

- **Lane-closing incidents in proximity (50 miles-an-hour Rule) to a state/regional line**
- **Planned special events that will impact traffic across state/regional line**
- **Major emergency that will impact traffic across/regional state line**

### **50 mile-an-hour Rule**

Incidents should be announced to motorists on the affected route(s) 50 miles from the scene for each hour of incident duration. For example, an incident with estimated duration of two hours should have alerts extending 100 miles upstream of the scene, and also downstream if congestion develops as a result of rubber-necking.

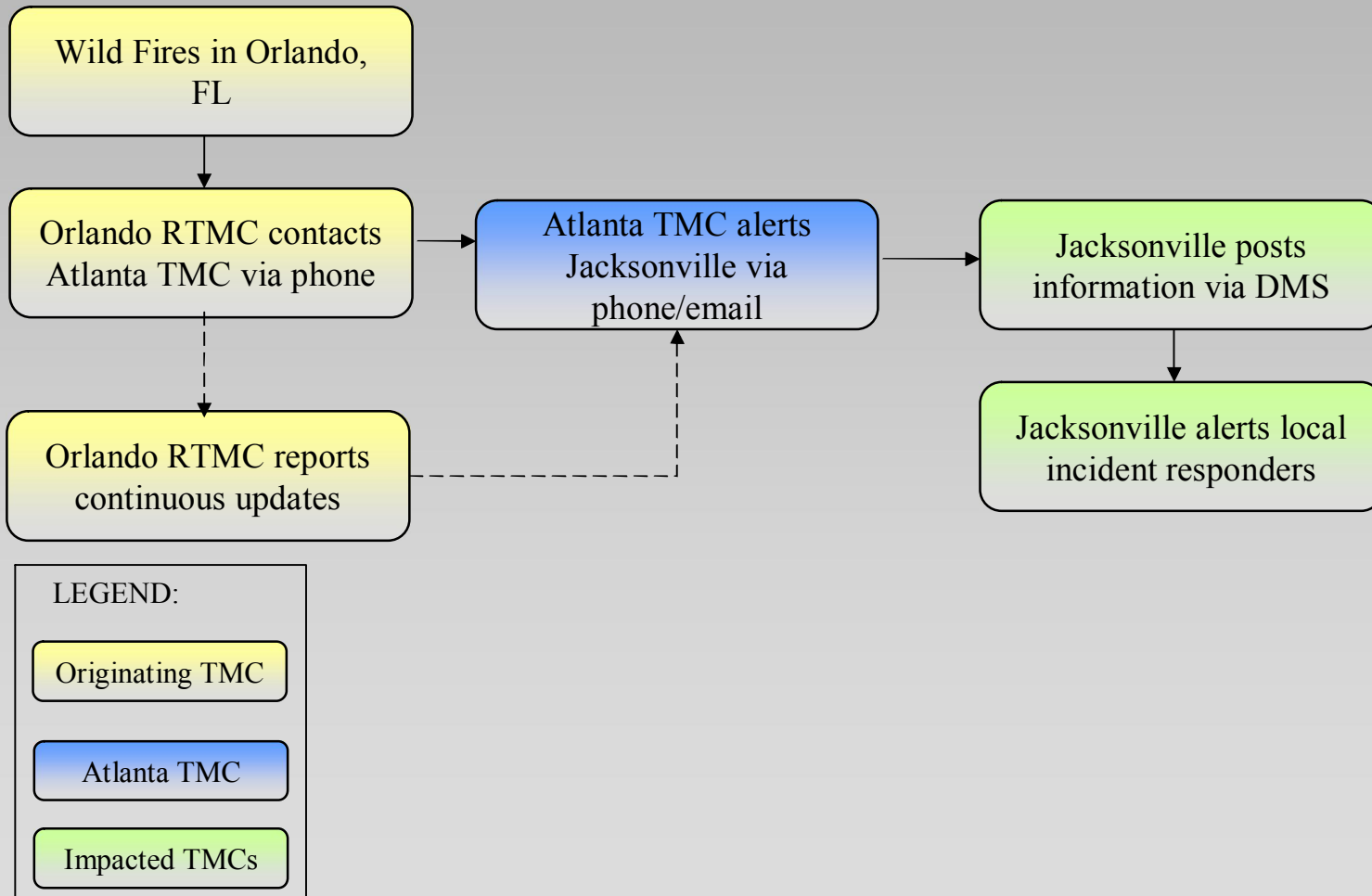
**To report these significant incidents, contact NaviGator by telephone or e-mail:**

***Telephone: 1-877-HWY-STIX (877-499-7849)***

***E-mail: STIX@dot.ga.gov***

***For all other incidents, notification Not Required!***

# *STIX Example Activation*



# *STIX Activations*

- 12 Activations To Date
  - **Charleston, South Carolina (Overturned Chemical Truck)**
  - **Virginia (Tractor Trailer Overturned With Fire)**
  - **Georgia (Car Accident, Fatality)**
  - **South Carolina (Overturned Tractor Trailer)**
  - **Orlando, Florida (Wildfires)**
  - **Columbia, South Carolina (Vehicle Fire)**
  - **Georgia (Overturned Tractor Trailer)**
  - **Florida (Overturned Gas Tanker)**
  - **North Carolina (Hit & Run)**
  - **Florida (Hurricanes) – Numerous Activations**
  - **North Carolina (Tractor Trailer Fire)**
  - **Georgia (Incident Involving Construction Crane)**



Orlando RTMC

# *What's Next?*

- Ongoing Maintenance of System, Relationships
- Monthly Debrief of Incidents
- COTS Software Development
- Continued Outreach
- Center to Center Communications Development



# I-95CC...

## Enabling Coordination and Communications The Southern Exchange Program fits within the I-95 Coalition-wide network

NY, CT, NJ, DE,  
PA/TRANSCOM/IEN

**I-95 Corridor Coalition  
Incident Management  
Network**

New England  
Regional  
Event  
Reporting  
System

CHART (MD,  
DC,VA)

Southern  
IM  
System  
(FL, GA,  
NC, SC)





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