

Traffic Management Centers

Overview



Traffic Management Centers (TMCs)

- SWIFT SunGuide Center

Fort Myers FL

Open 24/7 since November of 2009

- Satellite Traffic Management Center (STMC)

Bradenton, FL

Operates 6am – 10pm Mon – Fri

- District 1 Arterial Management Team

Bradenton FL

Operates 6am – 9pm Mon – Fri &

9am-5pm Sat & Sun



Primary Responsibilities

- Provide real time Travel related information to the travelling public that helps them make informed travel decisions
- Perform Traffic Incident Management related duties designed to clear the roadway as quickly as possible (< 90 min) in accordance with Florida's Open Roads policy
- Coordinate Road Ranger service assistance to incident scenes such as crashes, disabled vehicles, debris removal and any other unplanned instances which impact traffic flow
- Work with area maintaining agencies to optimize SW Florida's roadway network
- Ensure that ITS devices are operating correctly
- Assist in Emergency Operations



ITS Devices

- **Dynamic Message Signs (DMS) 74**
- **Closed Circuit Television (CCTV) 233 223 on I-75 , 777 on Arterial Roads**
- **Microwave Vehicle Detections Systems (MVDS) 299**
- **Roadside Weather Information Systems (RWIS) 9**
- **Wrong Way Driver Detection Systems 39**
- **Truck Parking Availability System (TPAS) 5 parking areas**



SunGuide Software

- Through the SunGuide software we do the following
 - a) Activate Dynamic Message Signs (DMS) messages
 - b) Post messages to the Florida 511 system
 - c) Send Notification emails
 - d) Dispatch Road Rangers
 - e) Arrive and Depart responders
 - f) Respond to WWD alerts

Location

County: Collier

Roadway: I-75

Direction: Northbound

Reference Point: Mile Marker 85

Offset: beyond Mile Marker 85

Latitude: 26153591

Longitude: -81422842

I-75 Northbound

Distance:

Mile Marker: 85

Alternate Routes: N/A

Has Congestion:

^ Lane Blockage: Right Lane (of 2 Lanes) Blocked, Right Shoulder Blocked

I-75 Northbound Overview

Allow Unconfirmed Lane Blockage

Dynamic Message Signs (DMS)

Single Lane Blockage – All signs within 20 miles

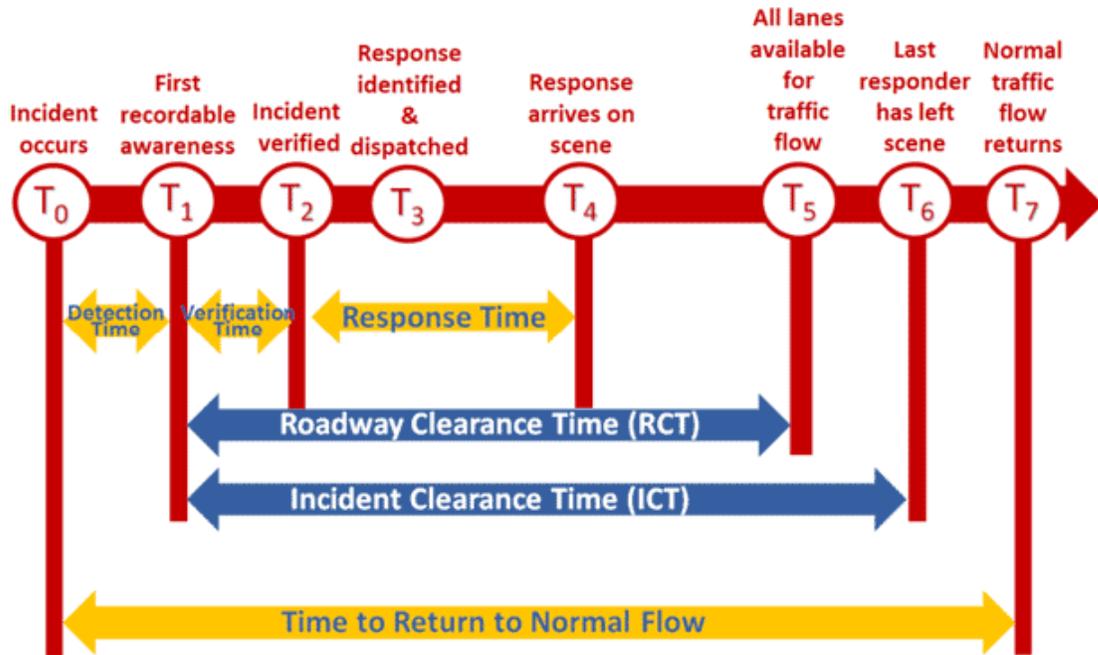
Full Closure – All signs within 50 miles

As needed signs (below)



Performance Measures

- **Open Roads Time- First Responder on Scene to All Travel Lanes Cleared**
- **Roadway Clearance Duration- Initial Travel Lane Closure to All Travel Lanes Cleared**
- **Incident Clearance Duration – Initial Notification Time to Last Responder Departed**



Our Goals as a TMC

- Reduce Congestion
- Keep Traffic Flowing
- Reduce the Number of Secondary Crashes

2022 Incidents

- Total Incidents – 81,845
- Crashes – 10,647
- Debris Incidents- 8,667
- Disabled vehicles – 47,376
- Congestion – 2,136

- Events with Road Ranger Response -35,756