

# 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:

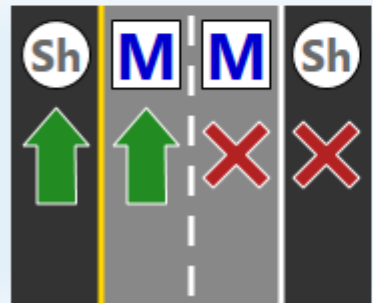
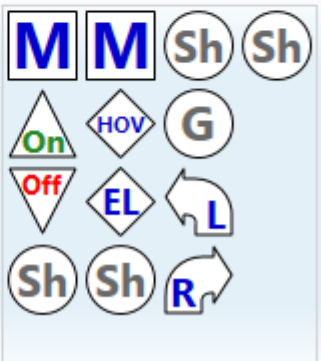
Mile Marker: 85

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

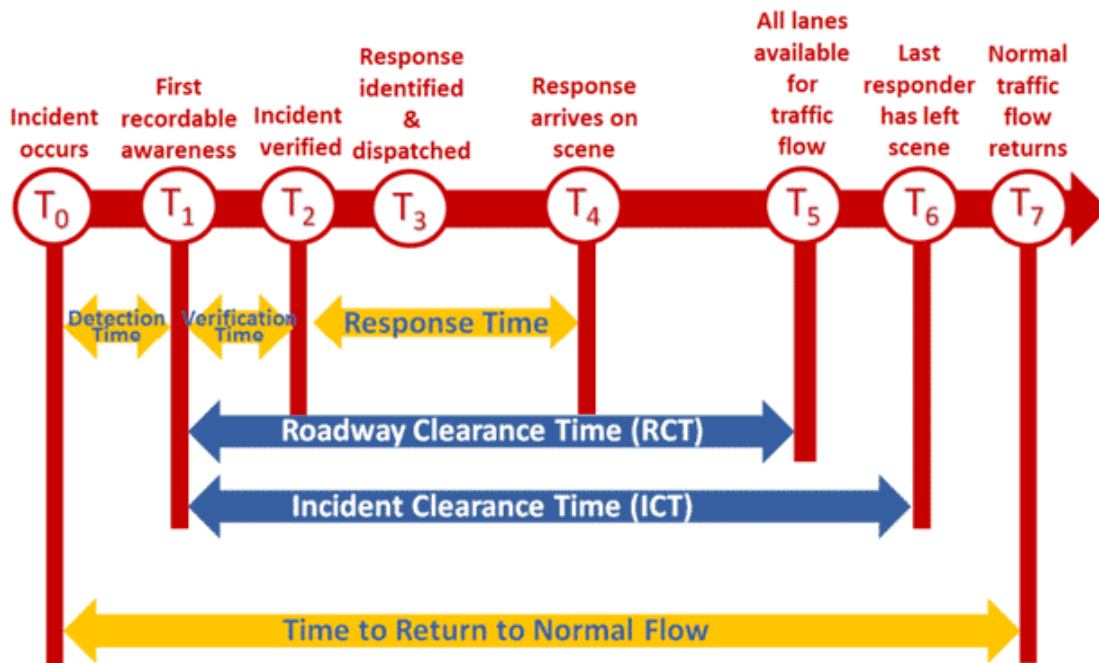
As needed signs (below)





## 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**