

Monroe County Traffic Incident Management (TIM) Team Meeting November 18, 2020

FDOT District Six



Introduction



TMC



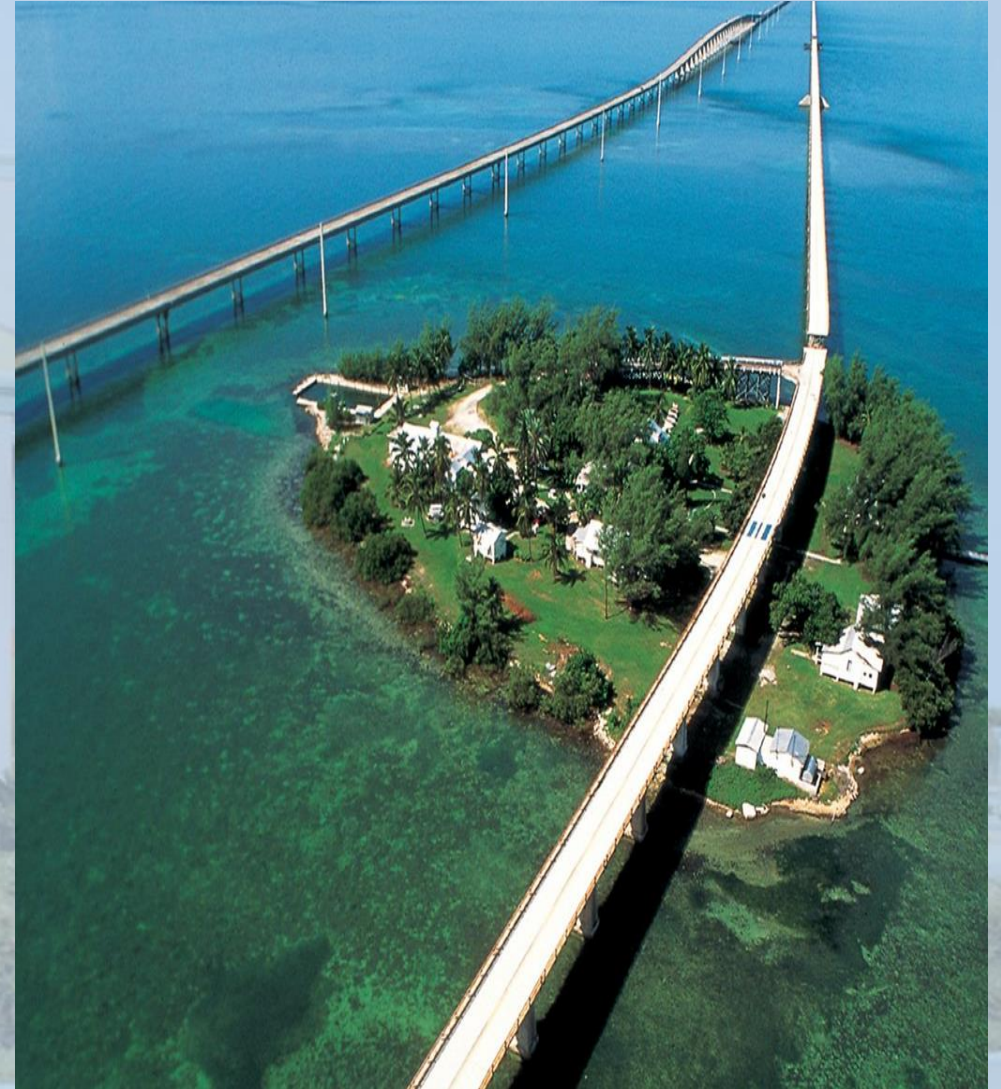
TIM



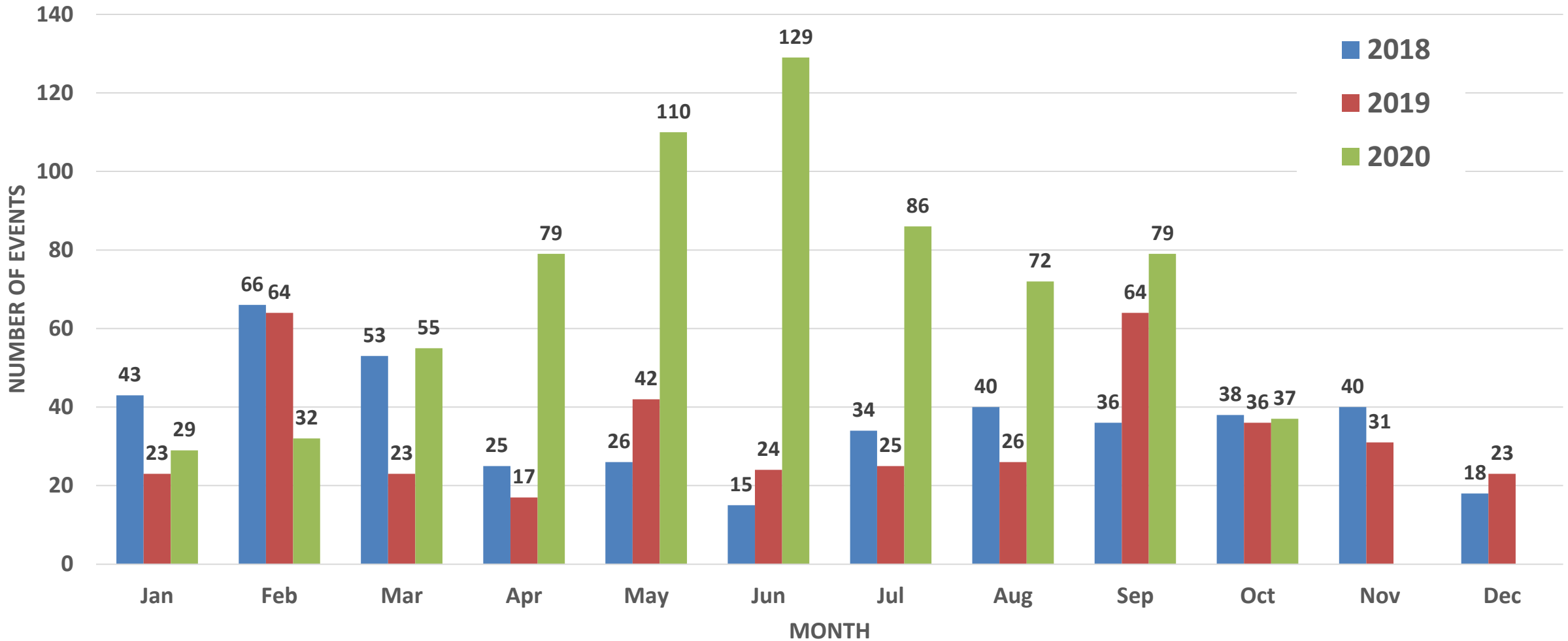
RISC



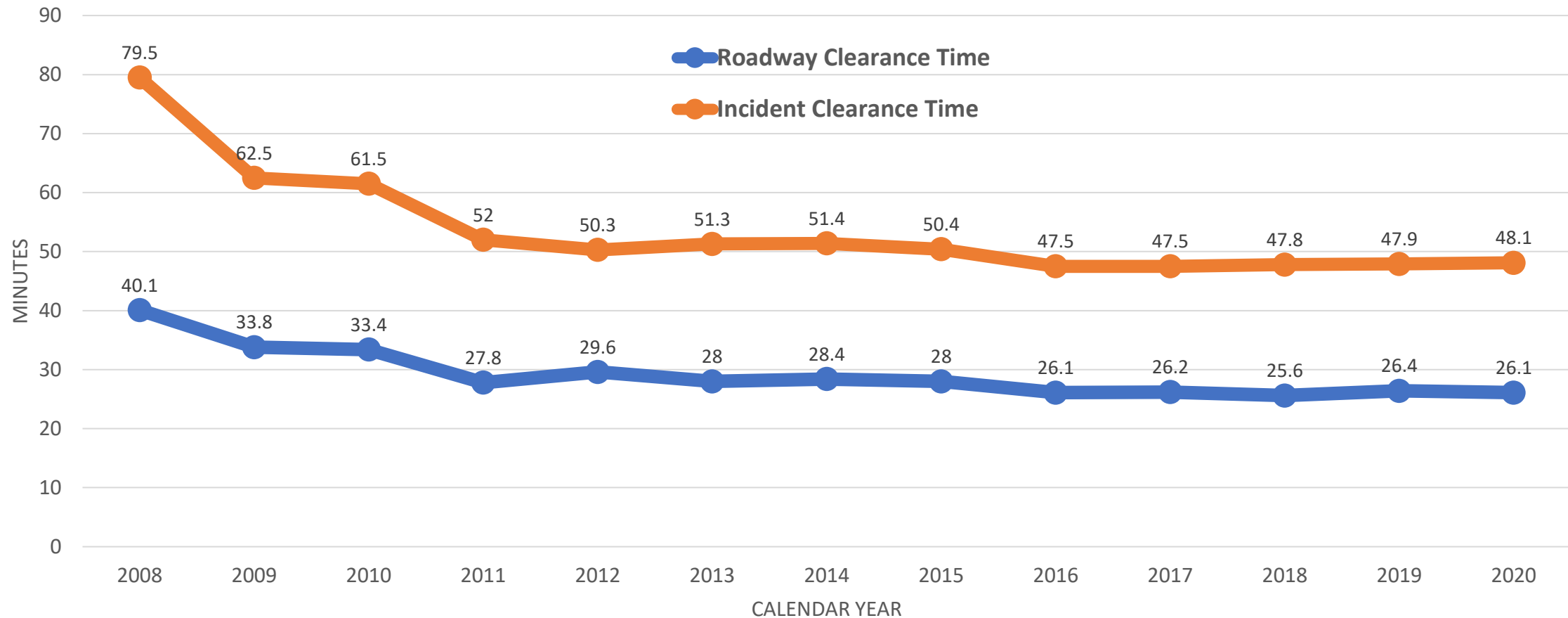
Projects



TMC MANAGED EVENTS – MONROE COUNTY



DISTRICTWIDE CLEARANCE TIMES



Monroe County Traffic Signal System

- Key West to Key Largo
- Operating Since July 1, 2018
 - 34 Signalized Intersections
 - 6 Pedestrian Hybrid Beacons (HAWK)
 - 8 School Zone Beacons
 - 14 Advanced Warning Beacons
 - 9 Emergency Signals
- Operate and Maintain
- Coordinating with Monroe County Sheriff's Office and Key West Police Department



MCTSS Expansion In City of Key West

School Zone
Beacon

Emergency Signal

Traffic Signals

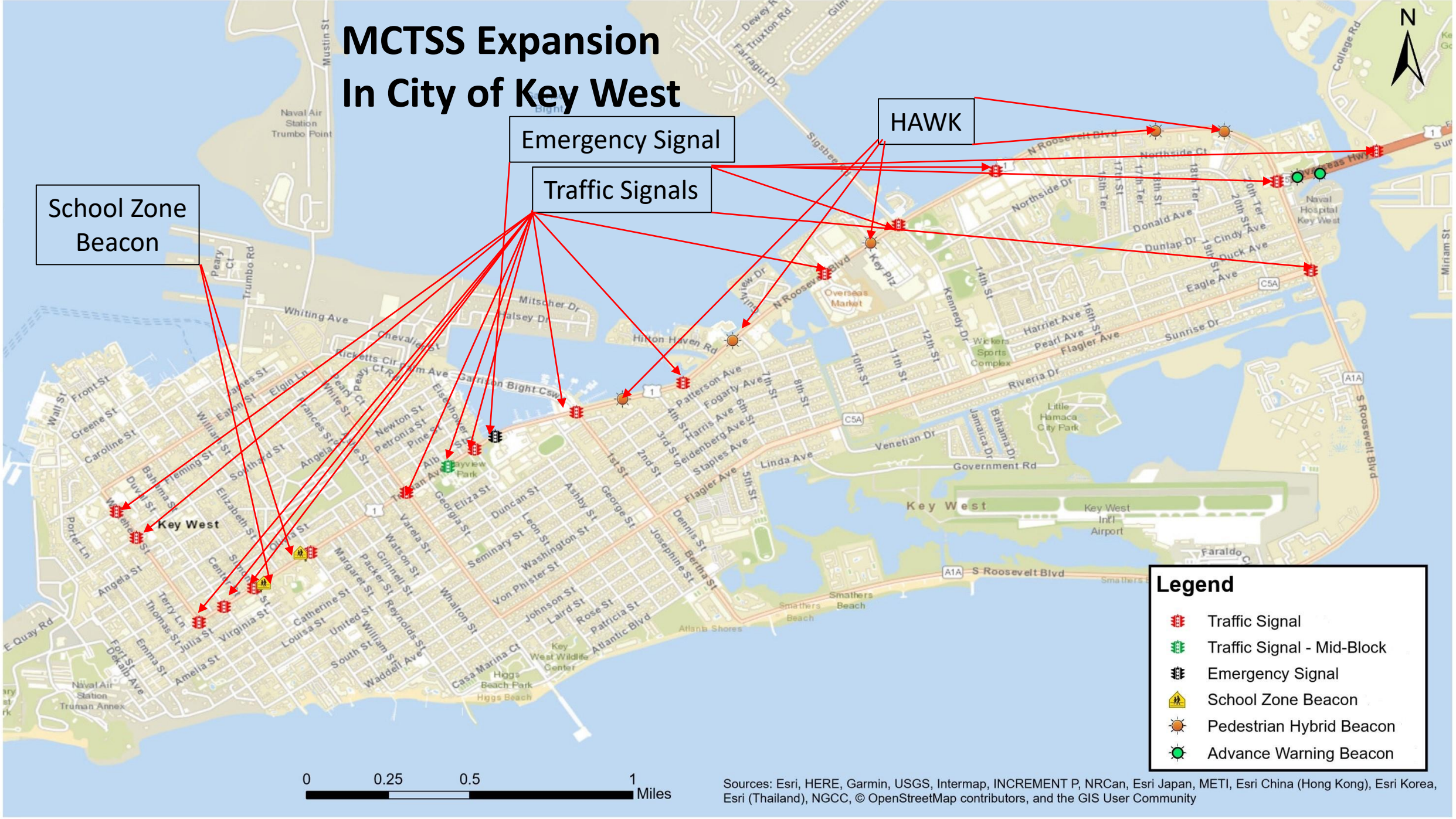
HAWK

Legend

-  Traffic Signal
-  Traffic Signal - Mid-Block
-  Emergency Signal
-  School Zone Beacon
-  Pedestrian Hybrid Beacon
-  Advance Warning Beacon

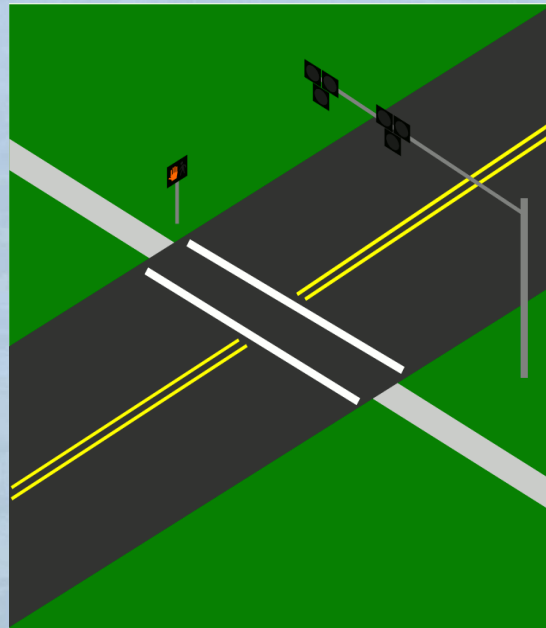


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community














High Intensity Activated Crosswalk (HAWK)

- Pedestrian Hybrid Beacon
- STMC Operate and Maintain
- Dark State Until Activated
- Marked Crosswalks
- 5 in Key West
- 1 in Key Largo
- 5 more coming to Key West




How to use the HAWK
High Intensity Activated Crosswalk

PEDESTRIANS 		DRIVERS 	
SEE THIS	DO THIS	SEE THIS	DO THIS
	PUSH THE BUTTON		DRIVE Always look for people who plan to cross.
	STOP & WAIT for the WALK signal.		SLOW DOWN A person has activated the push button.
	START CROSSING Always watch for cars.		PREPARE TO STOP
	FINISH CROSSING		STOP for pedestrian. (As with any signal RED means STOP)
			STOP FIRST Proceed with caution if no people are present.

Monroe County Traffic Signal System

- FDOT Completed Microwave Communication Backbone
- Wireless Communication at Emerald Drive
- Updated All Traffic Signal Controllers
- Traffic Signal Communications will Migrate from Cellular
- New Traffic Signal Coming at Burton Drive



National Traffic Incident Response Awareness Week

- November 9 through 15, 2020
- DMS Messaging
- Social Media
- Reinforce Key Initiatives and Goals

**MOVE OVER
SLOW DOWN
AT CRASH SCENES**

National Traffic Incident Response Awareness Week



Move Over Law

- Florida law requires motorists to move over a lane.
- If cannot move over or on a 2 lane road, slow to a speed 20 mph less than posted speed limit.
- In 2019, 182 crashes related to failure to move over.
- In 2019, over 20,000 citations related to failure to move over.
- Includes stopped law enforcement, emergency, sanitation, utility service vehicles and tow trucks or wreckers.

 **MOVE OVER** 
or slow down for emergency lights.

Safe, Quick Clearance




ARRIVING FIRST & SETTING THE SCENE

- MAINTAIN a safe distance
- BLOCK the lanes
- ASSESS the scene
- PUT ON your vest
- COMMUNICATE - be clear and concise
- RENDER aid
- INVESTIGATE
- COORDINATE and maintain the scene
- RESTORE traffic flow

FDOT District Six - SunGuide.info

Features

- Quarterly TIM Newsletters
- Important News Flashes
- TIM Webpage
 - Responder Training Registration
 - Contact TIM Team
 - Incident Management Dashboard
 - <https://sunguide.info/incident-management-service/tim-team/>



FAQ | GALLERY | CAMERAS MAP

FDOT

HOME ABOUT US SERVICES NEWS REPORTS CONTACT

FDOT Releases TSM&O 2018/2019 Annual Report
News Flash: May 12, 2020
[READ MORE](#)

TMC AT A GLANCE
March 2020

ROAD RANGER STATS

5,350 Total Responses	9,436 Total Activities	9:49_{min} Average Response Time
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DMS POSTS

27,848
TOTAL MESSAGES POSTED

Vehicle Alerts 2,834	FDOT D6 Incidents 13,539
Other Districts' Incidents 755	Construction 10,539
Safety Messages 2,063	

[DOWNLOAD PDF](#)

Responder's Site

- First Responders and Stakeholders to View Traffic Camera Images
- Provides Up to 4 Camera Images
- Phase 1 Complete
- Phase 2 Enhancements
 - Traffic Events List
 - Improved Camera Interface
- Future Enhancements
 - Improved Graphic User Interface
 - Streaming Video

The screenshot displays the TIM web interface. At the top, it shows 'Camera View' and a user welcome message: 'Welcome, Don Avery! User Manual | Logout'. Below this are four camera feeds arranged in a 2x2 grid. Each feed shows a different view of a highway (US-1) with a timestamp and camera ID. The feeds are:

- Top-left: 301-CCTV US-1 at MM 5.2 (Thu 02:56:16 PM)
- Top-right: 310-CCTV US-1 at MM 31.3 (Thu 02:56:19 PM)
- Bottom-left: 323-CCTV US-1 at MM 71.8 (Thu 02:56:24 PM)
- Bottom-right: 334-CCTV US-1 MM 02.5 (Thu 01:54:42 PM)

 Below the camera feeds is a list of camera locations, each with a camera ID, location description, and a set of four small icons (1, 2, 3, 4) for selection. The list includes:

- 311-CCTV US-1 at Mile Marker 34
- 314-CCTV US-1 at Mile Marker 39.8
- 315-CCTV US-1 at Mile Marker 48
- 316-CCTV US-1 at Mile Marker 50
- 317-CCTV US-1 at Mile Marker 53
- 318-CCTV US-1 at Mile Marker 55.3
- 319-CCTV US-1 at Mile Marker 59
- 320-CCTV US-1 at Mile Marker 62.9
- 321-CCTV US-1 at Mile Marker 66
- 322-CCTV US-1 at Mile Marker 70
- 323-CCTV US-1 at Mile Marker 71.8
- 324-CCTV US-1 at Mile Marker 74

 A small 'T' icon is visible in the bottom right corner of the interface.

District Six TIM Responder Training

Updates

- District Six Webinar Trainings
- Register on SunGuide.info
- www.nhi.fhwa.dot.gov

Virtual TIM Trainings

- November 2020
- February 2021
- April 2021



Secondary Crashes



Responder's Safety



FHP Trooper Luther P. Daniel

- 1st Fallen Trooper Memorialized
- Ceremony Held in Monroe
- Traffic Stop December 5, 1941
 - 2 Days Before Pearl Harbor
 - Survived by Wife and Son



Rapid Incident Scene Clearance (RISC)

Updates

- 5 Incidents in 2020
- Met Arrival and Clearance Times
- RISC Training Available

Incidents

- Northbound at MM 113
- Northbound at MM 63
- Northbound at MM 80
- Northbound at MM 6
- Southbound at MM 114



Rapid Incident Scene Clearance (RISC)

Incident Details

- August 13, 2020
- US 1 Northbound MM 6
- Fuel Spill

Coordination

- MCSO Activated/FHP Managed
- RISC Vendor
- Fire Rescue
- FDOT Asset Maintenance
- FDOT CAR Contractor



Islamorada Founders Park Pedestrian Bridge

- Mile Marker 87
- May 2020 – Early 2022
- Widening Shoulders
- Repaving Roadway



Cow Key Bridge

- Rehabilitation Complete
- Traffic Shift Removed
- Smart Work Zone System Removed
- All Travel Lanes Opened



Hurricane Irma Repair Projects

- Mile Marker 59 to 84
- Embankment Washout/Shoulders Repairs

US 1 From MM 0 to MM 53

- Repairing Light Poles
- Non-Peak Lane Closures

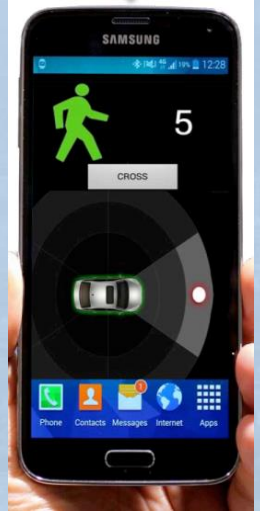
US 1 From MM 33 to MM 79

- Roadway Improvement Project
- Repairing Embankment Washout
- Repairing Existing Shoulder Pavements
- Non-Peak Lane Closures



Florida Keys Connecting Overseas to Advance Safe Travel

- First Connected Vehicles Project in District Six
- MM 0.0 to MM 112.5 (Key West to Key Largo)
- Connectivity Between Various Transportation Modes
- Real-Time Data Exchange
- Automated Traffic Signal Performance Measures (ATSPM)
 - Real time traffic data
 - Develop performance measures
 - Improve signal timing
 - Provide signal timing information to motorists
- Connected Automated Vehicle (CAV) Ready
 - Installation of roadside units (RSU)
 - Testing with select vehicles with onboard units (OBU)

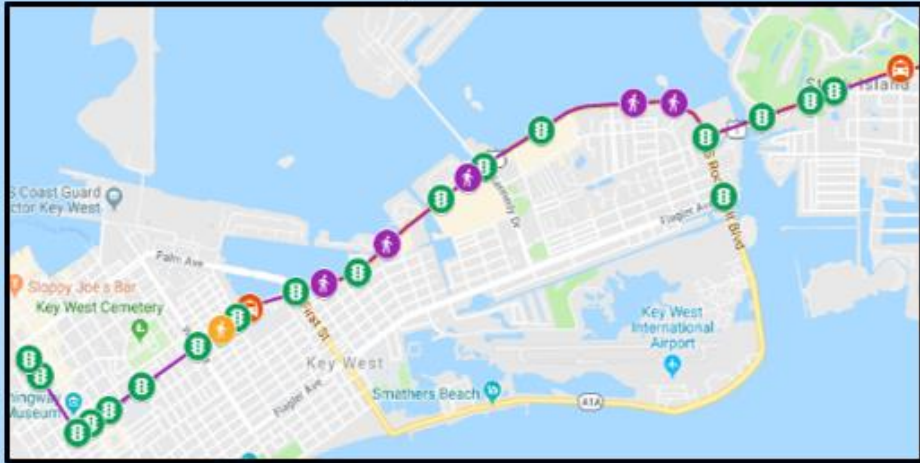


Source: Applied Information



Keys COAST Project Location Map

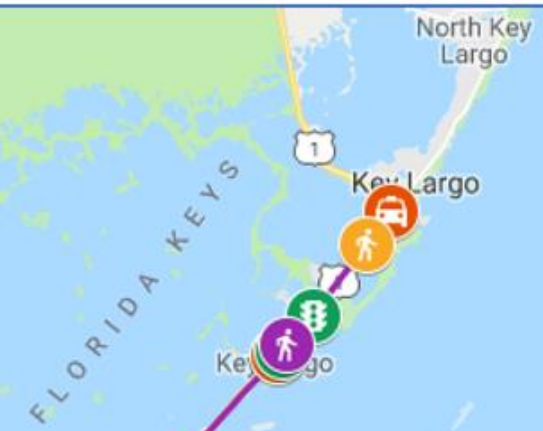
KEY WEST, FLORIDA









National Park



MARATHON, FLORIDA



LEGEND

-  Weigh-in-Motion (1)
-  Pedestrian Hybrid Beacon (6)
-  Pedestrian Mid-Block Crossing (3)
-  Emergency Signal (8)
-  Traffic Signal (31)
-  Drawbridge (1)

Questions?



Intermission

