



INCIDENT MANAGEMENT



ROAD RANGERS

Road Rangers Service Patrols provide motorist assistance and incident management services in Miami-Dade County 24 hours per day, 7 days per week. The fleet assists stranded drivers by providing minor vehicle repairs and towing services. They also expedite traffic clearance times by securing incident scenes for emergency responders.



RISC

The Rapid Incident Scene Clearance (RISC) service is a performance based program that incentivizes quick clearance times for heavy-duty vehicle crashes with spilled loads. RISC events must meet program requirements and are available along District Six highways and select arterial roadways in Miami-Dade and Monroe counties.



IRV

Incident Response Vehicle (IRV) operators serve as FDOT's incident command representatives along South Florida's roadways. IRV operators have a law enforcement or fire rescue background and are specially trained to serve as FDOT's point person between all emergency response agencies on the field.



TRAFFIC MANAGEMENT



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FDOT manages traffic to promote roadway mobility and safety. Staff at the SunGuide Transportation Management Center use Intelligent Transportation Systems technologies to monitor roadways, coordinate incident clearance, and inform drivers of real-time traffic conditions 24 hours per day, 7 days per week.



EXPRESS LANES

Express Lanes are multi-modal projects that introduce a series of techniques to an existing highway to reduce congestion. These projects provide options, incentivize high-occupancy travel, and manage traffic flow through its dynamic congestion-based tolling systems.



RAMP SIGNALING

Ramp Signals are traffic lights located along highway entrance ramps that make merging onto the mainline easier and safer by regulating the number of vehicles entering the highway. Ramp Signals are typically activated during weekday rush hours to reduce traffic congestion and optimize highway demand.



ARTERIAL MANAGEMENT



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District Six manages selected arterial roadways to improve mobility and safety along roadways and construction work zones in Miami-Dade and Monroe County. It also manages operations and maintenance of traffic signals and devices along US 1 in the Florida Keys. The goal is to deliver a sound transportation network.



ADAPTIVE SIGNAL CONTROL

FDOT District Six along with partner agencies are actively managing arterial corridors outfitted with Adaptive Signal Control Technologies. These technologies are working to optimize signal timing to increase the efficiency of existing roadways and promote safety.



ARTERIAL RISC

Rapid Incident Scene Clearance (RISC) services are offered along arterial roadways that are known to carry a large number of trucks and commercial vehicles. This service helps expedite incident clearance along these critical roadways to promote safety and mobility.



TRAVELER INFORMATION



511 TRAVELER INFO

The 511 Traveler Information System provides users with up-to-the-minute traffic alerts 24 hours per day, 7 days per week. Users can access the services' phone system, website, mobile application and twitter account to learn about traffic conditions and avoid delays.



SOCIAL MEDIA

FDOT uses social media as an additional publication tool in its traveler information toolbox. The agency uses several platforms to post both planned transportation events as well as real-time traffic conditions to help drivers make informed decisions about their trip planning choices. These platforms include Facebook, You Tube and Twitter.



DMS

Dynamic Message Signs (DMS) are electronic signs located along highway and arterial roadways to inform drivers of real-time traffic conditions that may impact traffic. Traffic operators at the SunGuide Transportation Management Center update the signs with traffic alerts and safety campaigns to help drivers avoid delays and promote awareness.



CONNECTED VEHICLES



IMPROVE SAFETY

Connected Vehicle technology will enable vehicles, bicyclists, pedestrians and smart roadway infrastructure to “talk” to one another and share important information. The technology can sense the traffic conditions and alert an individual and/or system of a potentially unsafe situations and has the potential to avert crashes or reduce their severity.



IMPROVE MOBILITY

Connected Vehicle technology can reduce congestion. Commuters, tourists, freight and transit operators will have more reliable traveler information before and during their trip. FDOT and its transportation partners will be able to use the data to make real time traffic management decisions such as traffic signal changes, freight signal priority to keep traffic flowing smoothly and improve performance.



EMPOWER USERS

Real time roadway information can help users make better decisions as they move throughout the region. Real time in-vehicle alerts about roadway construction, traffic incidents, traffic slow down can not only improve safety but also provide an opportunity to choose alternate routes or modes in real time.