



Florida Department of Transportation District Five Regional Transportation Management Center



The State of the Art in Transportation Management

Welcome to the new Regional Transportation Management Center, also known as the RTMC.

This state-of-the-art, hurricane-ready facility serves as the nerve center for traffic management across the nine counties of Florida Department of Transportation's District Five.

Located in Seminole County, the 44,700-square-foot building is a high-tech headquarters that houses more than 100 traffic managers and other staffers. Aided by huge banks of video screens, they monitor highways and roads with the help of hundreds of highway camera feeds, thousands of live data streams from roadway sensors, and ongoing communications with first responders.

Operating 24 hours a day and seven days a week, the RTMC monitors traffic and coordinates responses to incidents and crashes on 795 miles of highways and state roads in Central Florida.

The RTMC works to minimize congestion and secondary crashes by quickly dispatching Road Rangers and communicating with police, firefighters, and medical

responders. RTMC operators also send alerts to overhead roadway signs, news outlets and social media platforms, and they may activate temporary signal timing plans on nearby traffic signals.

Also located in the building is the vitally important Florida Highway Patrol dispatch center. Its personnel team up with RTMC operators to ensure fast responses and to increase traffic safety and mobility across the region.

Additionally, the RTMC can function as an emergency response center when dealing with major storms, flooding, and wildfires. Built to withstand winds up to 130 mph, the building can shelter and sustain its regular staff, as well as additional emergency managers for several days during potential disasters.

While the RTMC maintains a daily watch on the roads, it also keeps a keen eye on the future. Its technology is designed to help set pricing for dynamically tolled express lanes and to manage the expected arrival of connected and autonomous vehicles.

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RTMC at Work

The RTMC stands out for its state-of-the-art technology, but its effectiveness depends on the day-to-day efforts of the trained professionals who work there.

At the heart of the RTMC are the operators who monitor traffic conditions from their workstations in the control center. Deeply familiar with area roadways and intelligent transportation systems equipment, these operators use computer-based systems to manage traffic. In the event of a crash or other incident, they coordinate with local law enforcement, roadway maintaining agencies, Road Rangers, and others to respond quickly.

A manager oversees the operators and their duties, while supervisors make decisions regarding specific highways such as Interstate 4 (I-4), I-75, State Road 408, and I-95.

In addition to major highways, RTMC staff also actively manage arterial roads—important, continuous routes that accommodate high traffic volumes and speeds. The traffic signal timing engineer and senior corridor manager handle congestion on the roads in real time. They also develop timing plans for day-to-day operations and special events.



Communicating with the public is another important function of the RTMC. The communications specialist facilitates programs with the local community and also monitors social media and news agencies to learn of events affecting local traffic. When motorists need the information in real time, operators enter messages to be displayed on dynamic message signs or disseminated via the Florida 511 traveler information system.



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