



For Immediate Release
September 30, 2015

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FDOT Enhances Traffic Control Center in Miami

The SunGuide® Transportation Management Center is Retrofitted to Improve Operations

Miami, FL – The Florida Department of Transportation (FDOT) redesigned and updated the SunGuide Transportation Management Center (TMC) to improve the daily traffic services in South Florida and manage traffic congestion.

The TMC serves as the regional hub for traffic operations. It houses FDOT District Six, Miami-Dade Expressway Authority and Florida Highway Patrol Troop “E”. Together, these agencies manage highway operations, clear roadway incidents and keep drivers informed of real-time traffic conditions 24 hours per day, seven days per week.

The redesign was made to enhance the center’s ability to handle future traffic operation challenges. It transformed the control room floor by maximizing the existing workspace capacity to meet the growing demands of our region. It changed the previous workspace from a simple linear model with a total of eight traffic operator workstations into a pod-based model featuring 18 traffic operator workstations and six manager support desks. It added three to five more computer monitors to each workstation and increased the image quality and size of the center’s traffic video wall.

The new layout is promoting a more collaborative approach to traffic management. The workstations are sectioned into four pods that groups operators by major highways. The additional computer monitors are increasing operator workflow by enabling them to perform more functions and the larger video wall expanded the center’s overall highway monitoring capabilities.

These improvements are set to increase the TMC’s efficiency and enhance the benefits of the traffic services on which drivers depend on a daily basis. They are also equipping the center to handle additional transportation projects as they come on line.

The redesign was completed this summer and shows a continued investment in addressing the issues of traffic congestion in our community. Integrating technology in traffic management has proven to be a viable and cost-effective alternative to traditional highway widening projects. It has shown to improve mobility, promote safety and deliver a sound return on investment to the public.

For more information about the SunGuide TMC, please call Public Information Specialist Alicia Torrez at 786-205-0644. For the redesign project’s factsheet or time-lapse video, visit sunguide.info/newsflash.

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