

SUMMER 2015 TMC CONTROL ROOM RETROFIT FACT SHEET

The SunGuide® Transportation Management Center's (TMC) control room was upgraded with new equipment to enhance upon the region's traffic management efforts and meet the future transportation needs of our community. The control room serves as FDOT's traffic control hub for Miami-Dade and Monroe Counties serving the following roadways: I-95, I-195, I-395, MacArthur Causeway, I-75, SR-826 and US-1 down to Key West. The SunGuide TMC also houses the Miami-Dade Expressway Authority (MDX) TMC, and Florida Highway Patrol (FHP) Troop "E" dispatch center. This upgrade is an investment to address traffic congestion with cost-effective strategies that provide sustainable results.

WHAT IMPROVEMENTS WERE MADE?

- The project transformed the control room from a linear work model with a total of eight traffic operator workstations into a pod-based model with a total 18 traffic operator workstations and six manager support desks.
- The new Control Room promotes a more collaborative approach to traffic management because it groups traffic operators by highway/region. The 18 workstations are sectioned into four major pods. The pods are grouped by highway/region, such as I-95, I-195, I-395, MacArthur Causeway, I-75, SR-826 and US-1 down to Key West. Three of the workstations are grouped together for use by MDX.
- Each pod will manage all aspects of that highway, such as incident management, traveler information, managed lanes, ramp signaling and others. Each pod will have dedicated traffic operator staff per highway/region.
- The Traffic Camera Video Wall was also upgraded and is now sharper, larger in size and able to accommodate more traffic cameras. An additional row (of seven video cubes) was added to the top of the video wall for greater monitoring capability.

HOW WILL THIS HELP THE COMMUNITY?

- These improvements will increase the TMC's efficiency and benefits all drivers by strengthening its traveler assistance resources such as the Road Rangers, 511 Traveler Information Service and the TMC's overall traffic monitoring efforts. The TMC control room layout was restructured to accommodate expected growth and improve traffic management activities for South Florida's major highways.
- Integrating technology in traffic management is a sound transportation practice that has proven to improve mobility, reduce costs and provide taxpayers with a higher return on their investment. Upgrading the TMC is an investment in the agency's mission of addressing traffic congestion with cost-effective strategies that provide long-term results.

FOR MORE INFORMATION

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