

## HOW DO RAMP SIGNALS WORK?

1. When the signal is red: Pull up to the white line on the pavement before the "Stop Here on Red" sign to activate the Ramp Signal light.
2. When the signal light turns green: One or two vehicles, as indicated by the signage on the ramp, should proceed and merge onto I-95.
3. Be patient: A short wait at the ramp will help reduce your travel times and improve the quality of your commute along I-95.

## WHY DO WE NEED RAMP SIGNALS?

Ramp Signals reduce the problem of traffic congestion known as "bottlenecking," which occurs when vehicles enter the highway in an unregulated manner and create back-ups. Ramp Signals work to break up the groups of merging vehicles and improve the overall flow of traffic on the highway. They are a proven and cost-effective alternative to traditional widen-only type projects and are proven to deliver real-time results improving the quality of commute for South Florida residents.

On I-95 in Miami-Dade County for example, Ramp Signals have:

- Increased average travel speeds by 16% along the northbound General Use lanes;
- Increased average travel speeds by 13% along the southbound General Use lanes;
- Reduced travel times during the weekday rush-hour period;
- Decreased congestion associated with unregulated ramp traffic;
- Helped make merging onto I-95 an easier and more efficient process;
- Increased overall safety by reducing stop and go traffic on the interstate, where traffic merges from the entrance ramps.



## STAY INFORMED

FDOT and the Construction Community Outreach Team will coordinate directly with affected municipalities and motorists.

Note: Construction schedules are subject to change due to weather and/or unforeseen circumstances.

For more information or to receive project updates, please contact the project Community Outreach Specialist, Andrea Pacini at 954.299.6561 or via e-mail at APacini@corrado.com.



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## Guide to Ramp Signaling in Broward and Palm Beach Counties

The Florida Department of Transportation (FDOT) is installing Ramp Signals at select I-95 entrance ramps in Broward and Palm Beach Counties.

This brochure is an informative guide to let you know what to expect during the construction and implementation of Ramp Signals in Broward and Palm Beach Counties.



Traffic signals located along several entrance ramps of I-95 will make merging onto the highway easier and safer. Ramp Signals are traffic control devices that alternate between red and green flashing lights. These signals are designed to control the rate at which vehicles enter the highway, helping to reduce congestion and improve traffic flow along mainline I-95.

These signals are monitored by the Traffic Management Center via Closed-Circuit Television cameras and are operated based on real-time traffic conditions. Ramp Signals will turn on during peak traffic times or other periods of heavy use, such as weekday rush-hour windows. Advanced warning signs will flash to alert motorists when Ramp Signals are turned on and operational.

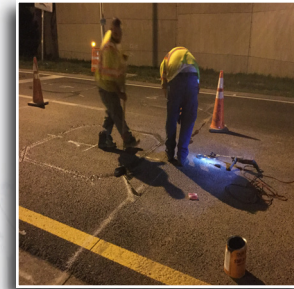
The Ramp Signal System is part of an overall congestion-relief plan, which, along with 95 Express, is helping I-95 become a safer, more efficient road to travel in Miami-Dade, Broward and Palm Beach Counties.

## STEP - 1



Underground installation consisting of conduit, pull box, and conductor installation

## STEP - 4



Loop installation consisting of vehicle detection system cut into asphalt at the beginning of the entrance ramp as well as at the Ramp Signal location

## STEP - 2



Cabinet installation consisting of cabinet pad, cabinet and equipment

## STEP - 5



Implementation of the Ramp Signal system upon project completion

## STEP - 3



Ramp signage and signal installation

Ramp Signals will be installed at select entrance ramps at the following intersections: Hallandale Beach Boulevard, Pembroke Road, Hollywood Boulevard, Sheridan Street, Stirling Road, Griffin Road, State Road 84, Davie Boulevard, Broward Boulevard, Sunrise Boulevard, Oakland Park Boulevard, Commercial Boulevard, Cypress Creek Road, Andrews Avenue, Atlantic Boulevard and Palmetto Park Road.