MIAMIBEACH



Project Details

Project Fact Sheet

This project involves the development of a system that monitors and mitigates traffic congestion. The Intelligent Transportation System (ITS) network will advance the city's ability to affect real-time changes in traffic conditions as well as disseminate crucial information to motorists. The project will provide integrated management of the Miami Beach roadway network through the implementation of the Smart Parking System (SPS) and ITS devices to support a Traveler Information Systems (TIS); consisting of dynamic message signs (DMS), closed-circuit television (CCTV) camera systems, and travel-time data collection systems.



Intelligent Transportation System and Smart Parking System

Project Purpose

These components, when successfully deployed will share information resources among city departments and improve the following:

- **Traveler safety**
- **Decrease traffic congestion**
- **Reduce incident delay**
- **Provide real-time traffic conditions to the public**



22.6 MILES of Arterial Roadways

8 MAJOR Road Segments with Level of Service E or WORSE

Project COMPONENTS

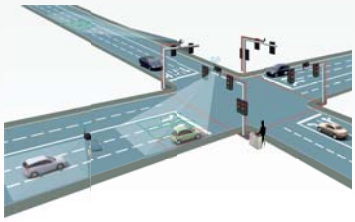
MIAMIBEACH

Intelligent Transportation System and Smart Parking System

Closed Circuit Television Cameras will be added to specific intersections to provide traffic control operators with video feeds of high impact corridors.



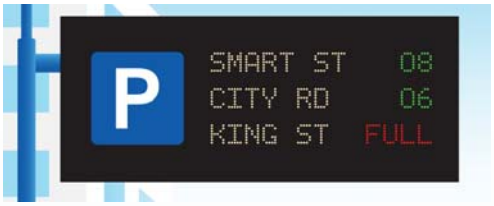
Visually appealing Dynamic Message Signs will be deployed to provide motorists with incident, construction, and special event information.



Vehicle Detection Systems at signalized intersections will be used to determine volume and speed of motorized vehicles.



Bluetooth monitoring devices will provide accurate vehicle speed and travel time data as well as vehicle origin/destination information.



The Smart Parking System will provide parking occupancy data to be displayed on monument signs outside of municipal garages and surface lots.

Project Schedule

