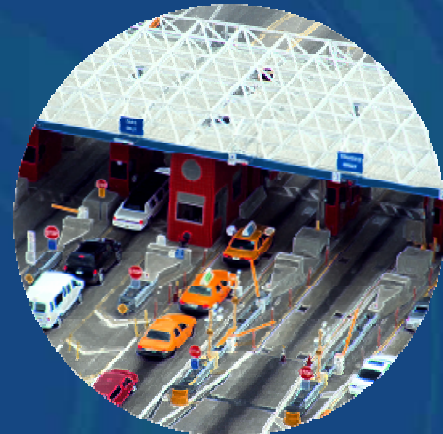


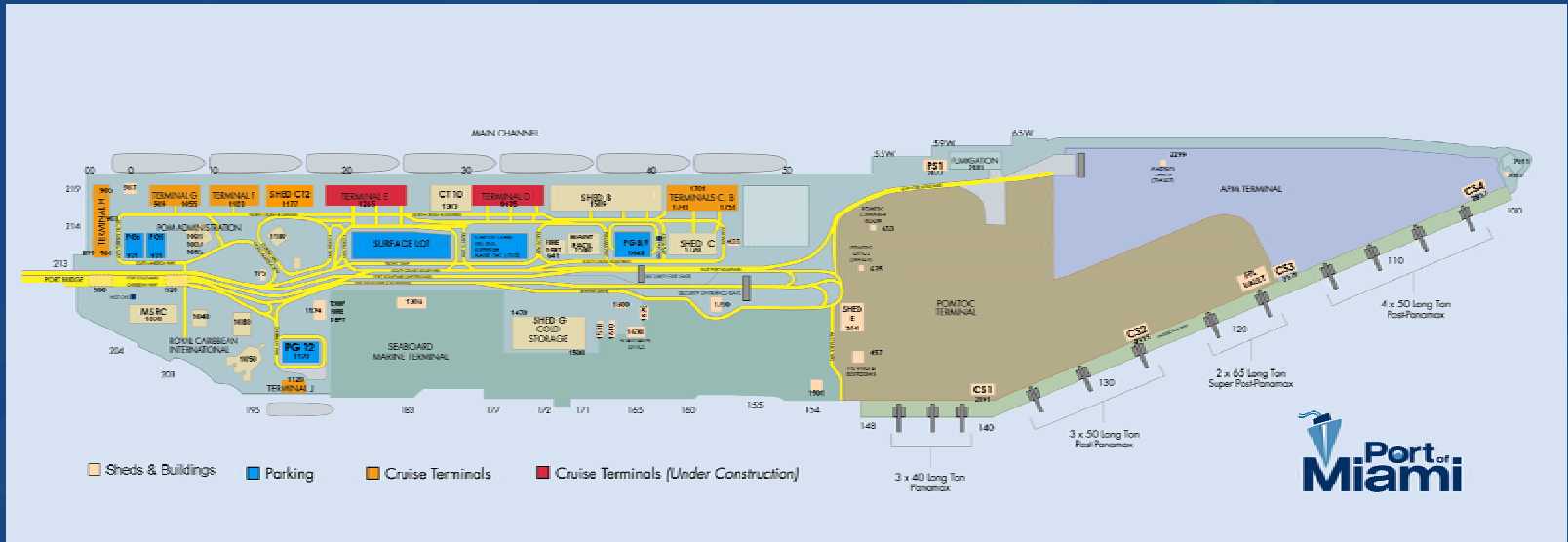


Gate Innovations & Technologies for Improving Throughput, Efficiency and Security



April 25, 2007

Stats On Port of Miami



- **Acreage:** 520
- **Miles of Roads (Lanes):** 18
- **Berths (Number)** 17
- **Berth Length (Ft.)** 19,690
- **Water Depth (Ft.)** 30, 36, & 42

Value of Port of Miami - Cargo

Port of Miami is an important economic engine for Miami-Dade County, the tri-county region, and the state of Florida

9.4 Million Tons of Cargo a Year!

35% Heads North

65% 50 miles

- Major Roads
- CSX RR
- FEC RR
- Class 3 RR

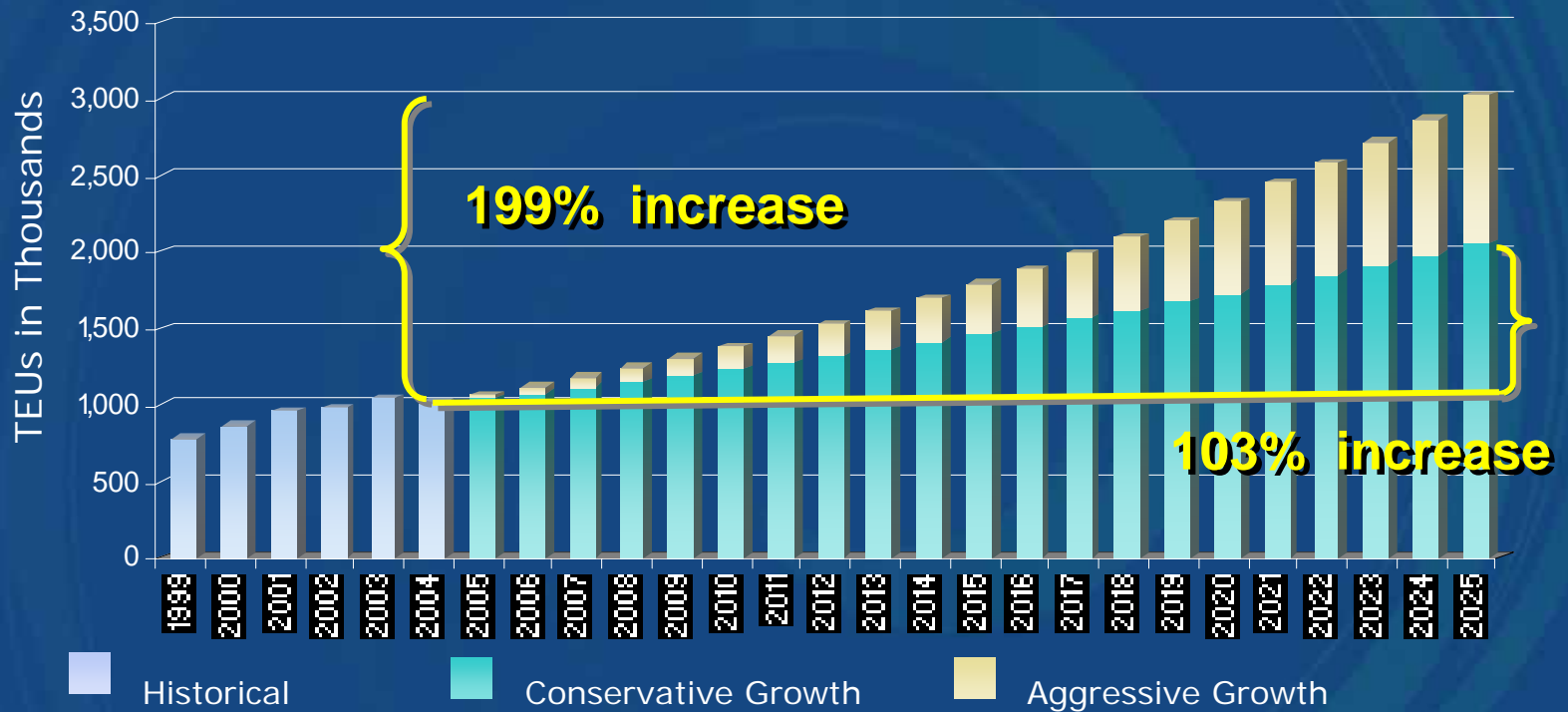


Source: Economic Impact of Dante B. Fascell Port
Miami-Dade County, 2006
Prepared by Four Gates Company



2025 Container TEU Projection

(3.4% Conservative Growth; 5.4% Aggressive Growth)



Traffic Volumes



Vehicular Volume on Bridge

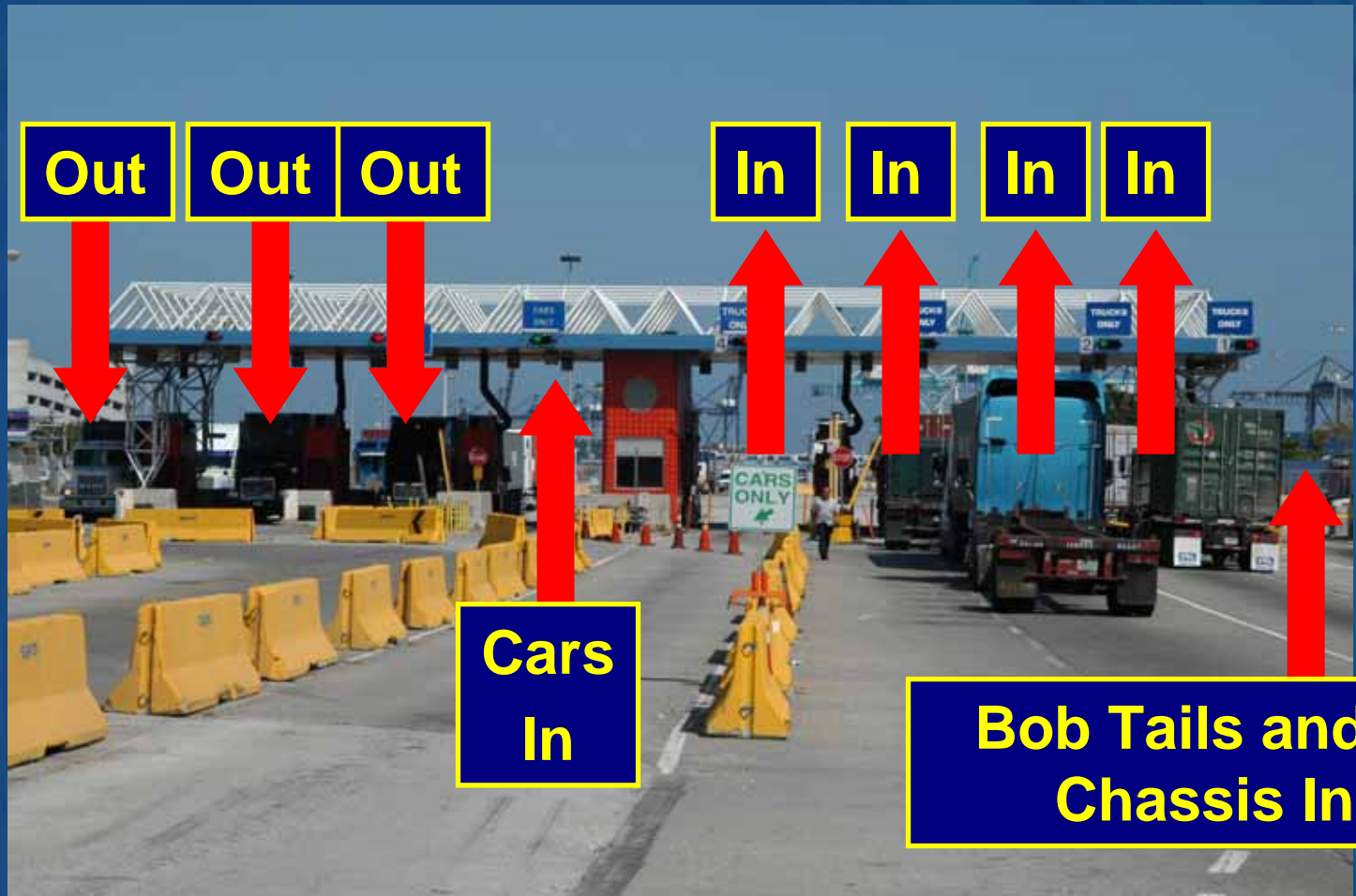
2006 – 13,600 Vehicles (2,050 Trucks)

2025 – 24,350 Vehicles (3,600 Trucks)

**In Each Direction
Every Day**



Existing Gate Lane Configuration



Existing Gate Operations



- **Gate Processing**
 - **Valid Port ID**
 - **Verification of Company Permit**
 - **Manual Entry of Container and Chassis Numbers**
 - **Weigh Truck (if requested) and Collect Scale Fee**
 - **Average Processing Time – 1.5 minutes**

An aerial photograph of a port area. In the foreground, a large white cruise ship is docked at a pier, with a smaller blue and white ferry or tugboat nearby. A multi-lane highway bridge spans across the water to the right. The background shows a large industrial or commercial area with many buildings and parking lots, situated along the waterfront. The sky is clear and blue.

***The Path Forward:
An Action Plan Approach
for the Future...***

New Gate Improvements Underway



- **16 Lanes**
 - **Inbound 10 lanes**
 - ◆ **7 truck technology only**
 - ◆ **2 multi-use**
 - ◆ **1 Personal Vehicle Only (POV)**
 - **Outbound 6 lanes**
 - ◆ **4 truck technology only**
 - ◆ **1 multi-use**
 - ◆ **1 Personal Vehicle Only (POV)**

New Gate Operations

- Pedestals allow driver to enter information and process themselves
- Gate Operators verify data and approve entry from the command center
- Processing for permanent ID Card holders will reduce processing time to 20 seconds or less



Optical Character Recognition acquires the Container, Chassis, Tractor License Plate Numbers



Closed Circuit Television Backup to Optical Character Recognition System



Inbound Pedestal



- Driver follows easy to use menus to enter data.

Multi-use Lanes



Scales and Collection of Money

Weighing the trucks and hand collection of the fees, takes extra time, therefore delays result

- The Port set up an automatic debit system for the truckers to collect the scale fees; to eliminate money transactions at the gate
- Multi-use lanes still available for cash transactions (\$2.50 surcharge for cash transactions)

Outbound Lanes



- Integrated with U.S. Customs & Border Protection Radiation Portal Monitors
 - Bar code Reading of Gate Pass
 - OCR Reading of Container and Chassis Numbers
 - Arrival & Departure Messages From Cargo Terminals

Processing done from the remote command center

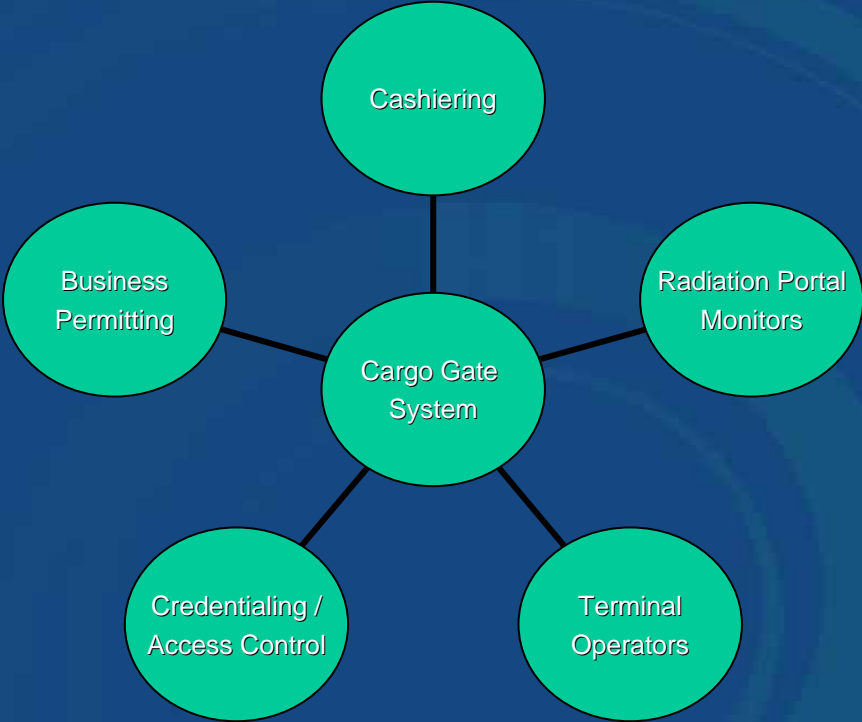


Gate clerk reviews data AFTER driver inputs data. Operator only intervenes when there are exceptions and to complete transaction.

Gate Operations Command Center



Secret to Success



Integration of Business Processes



Thank You