

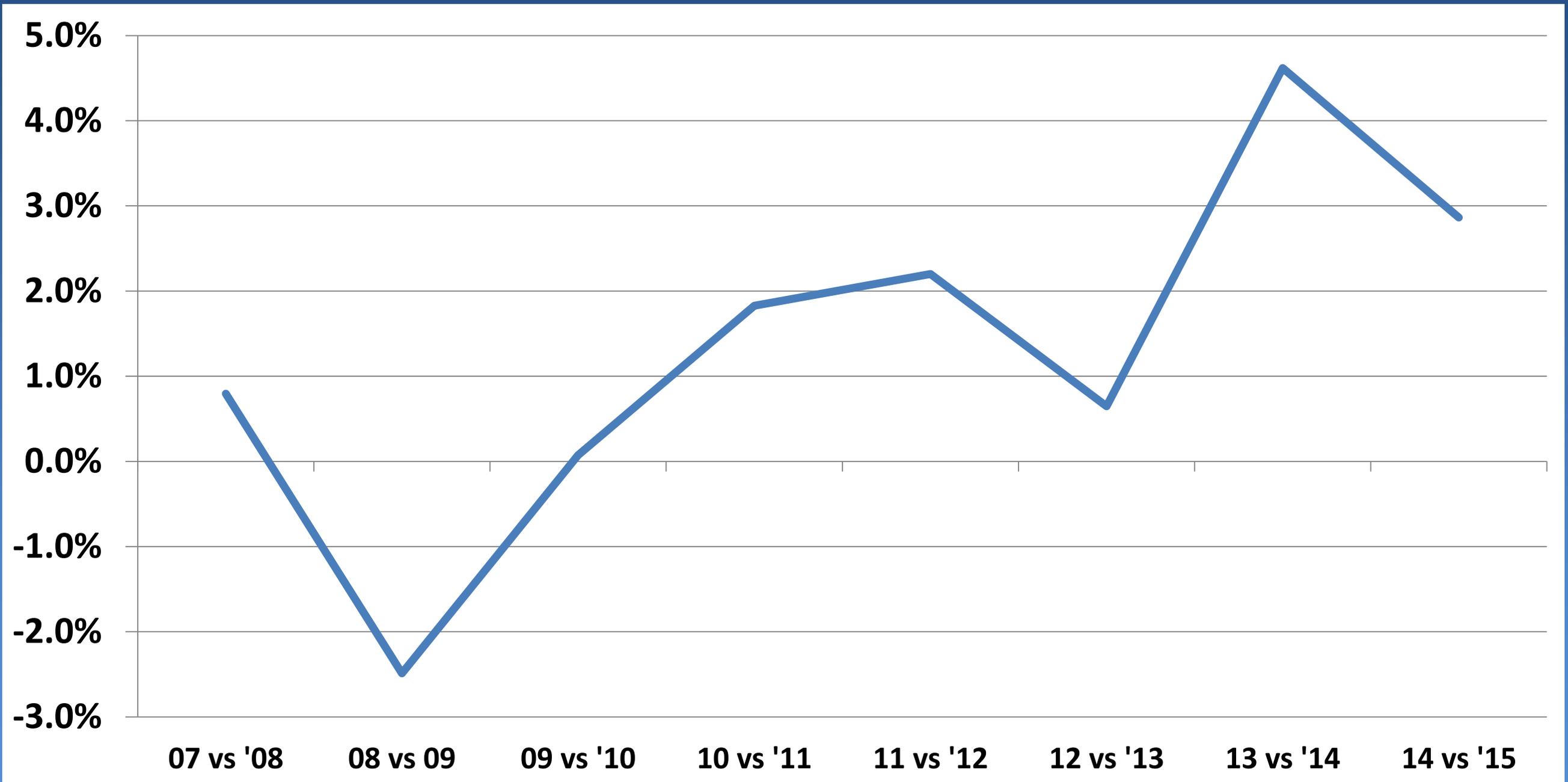
**2016**

**Boca Raton  
Traffic and Roadways  
Update**

# Agenda

- Current Conditions
- 5-Year Road Plan
- Spanish River Blvd Interchange
- Traffic Management Improvements
- Future Traffic Issues

# Historical Growth Rates



# 2015 ADT's

**Clint Moore Rd**

**27,719**

**Military Trail**

**12,136**

**Federal Hwy.**

**SR A-1-A**

**Yamato Rd**

**42,983**

**57,185**

**40,927**

**26,252**

**15,436**

**Spanish River Blvd**

**29,285**

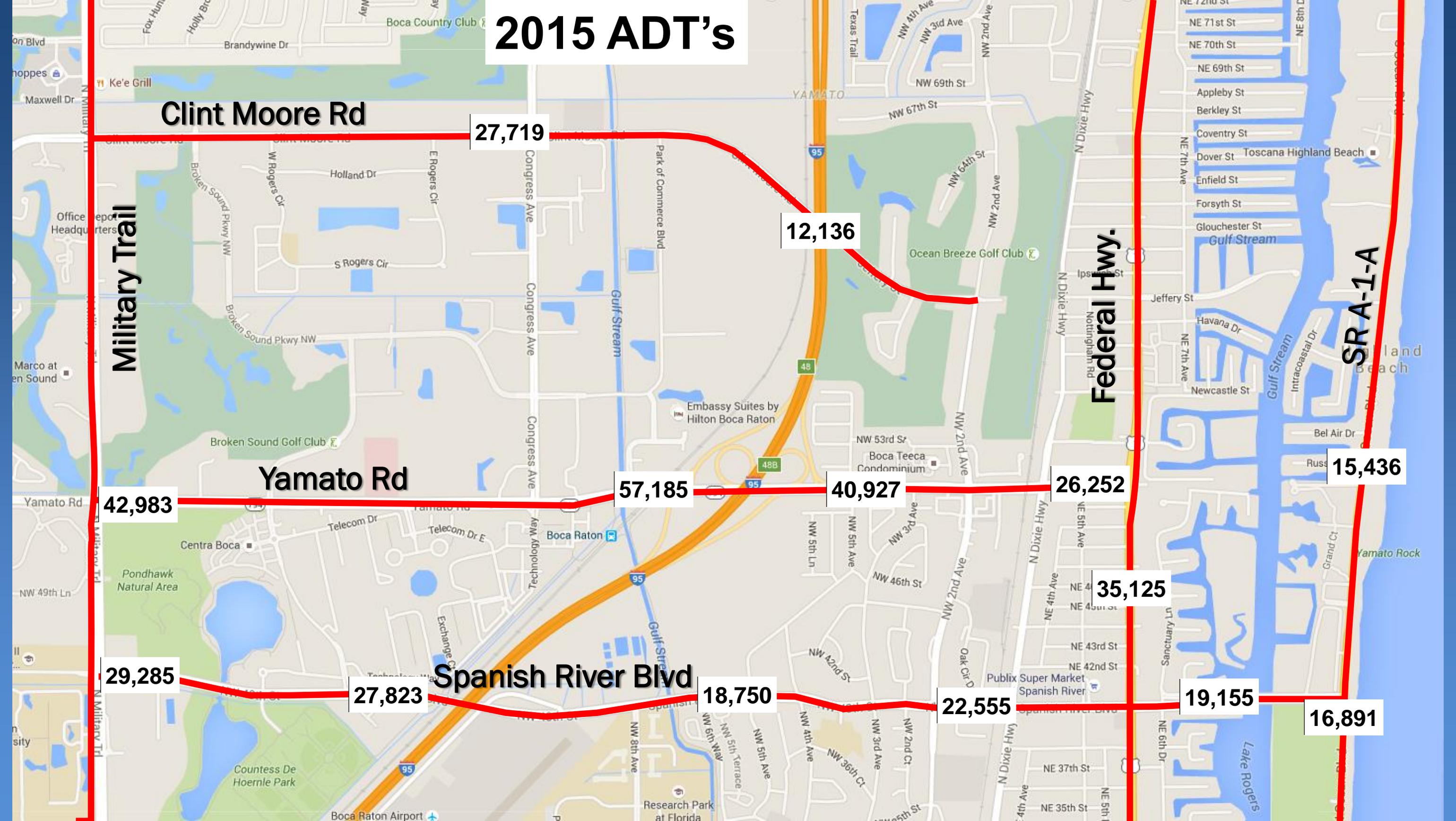
**27,823**

**18,750**

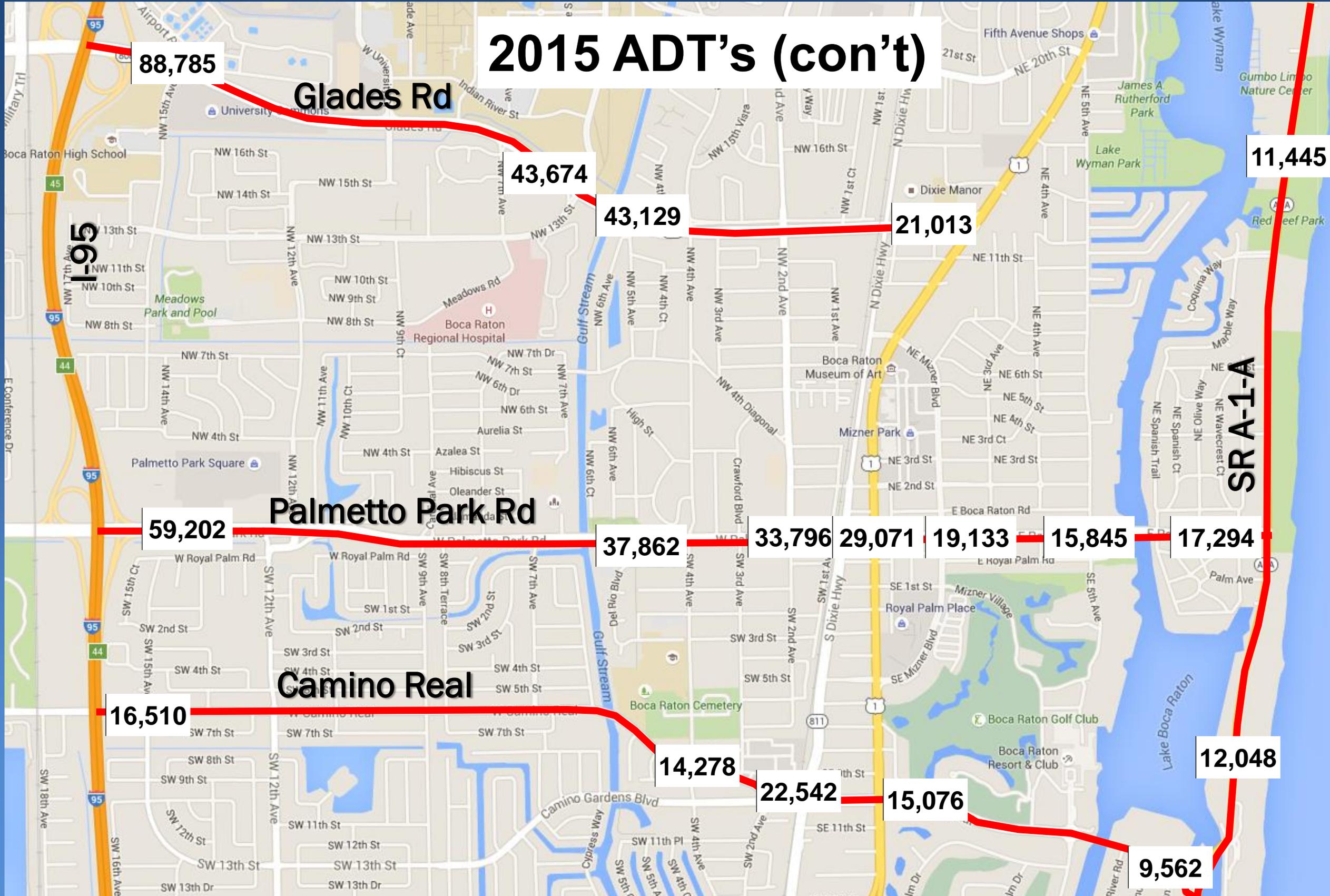
**22,555**

**19,155**

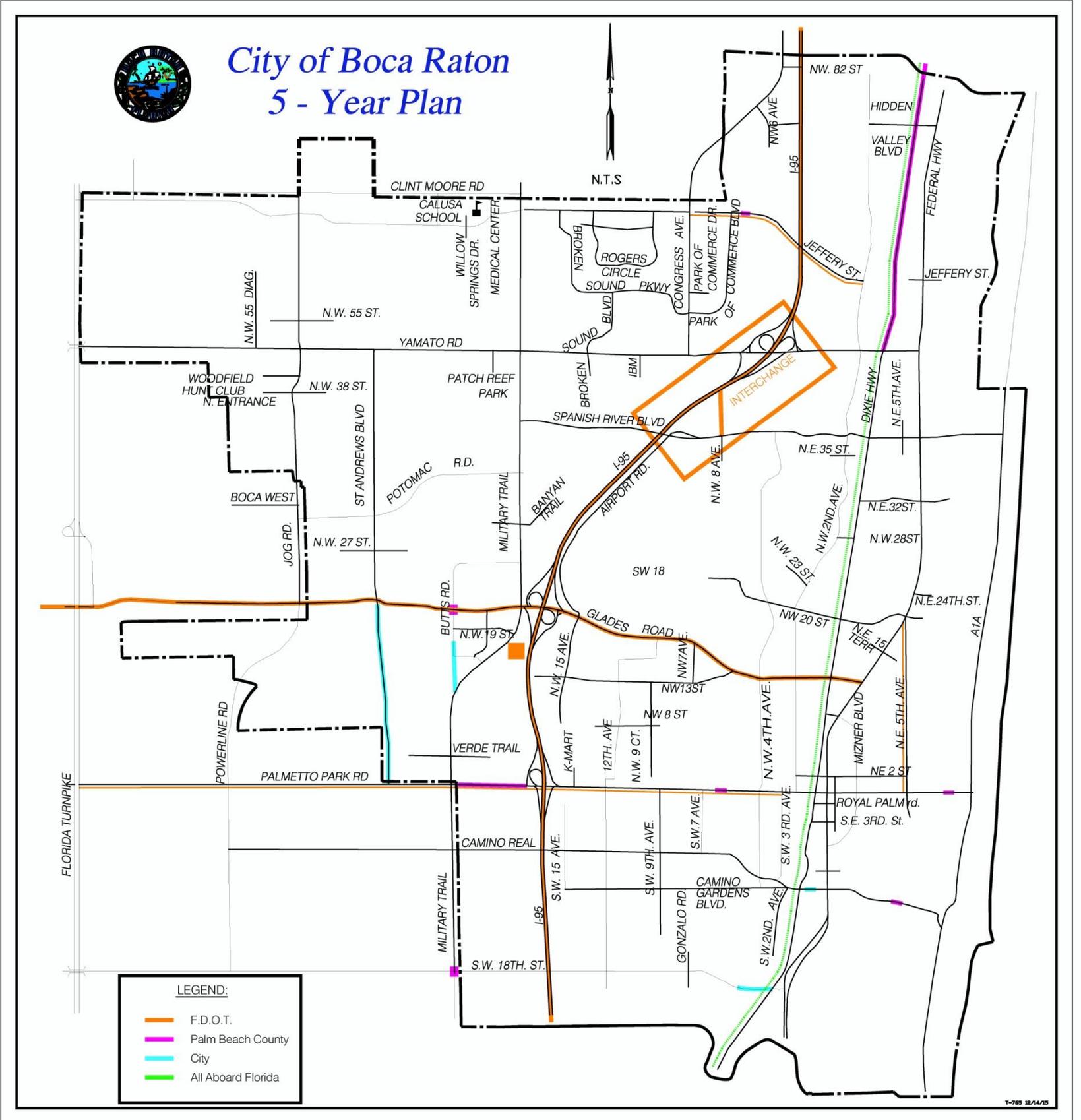
**16,891**



# 2015 ADT's (con't)



# 5-year Road Construction Map



# 5-year Road Construction List

Agency	Project	Limits	Description	Construction FY
FDOT	Palmetto Park Rd.	SR-7 to NW 2 <sup>nd</sup> Ave	Shared-Use Pathway Const.	TBD
FDOT	I-95/Interchange	Spanish River Boulevard	Limited-Access Interchange	U.C.
FDOT	Glades Road (SR 808)	Butts Road to FAU Blvd	Intersection Improvements	TBD
FDOT	I-95 Express	SW 10 <sup>th</sup> St to Linton Blvd	High-Occupancy Toll Lanes	TBD
FDOT	Glades Road Arterial Mobility	Glades Road	Intersection Improvements, Express Bus	TBD
FDOT	NE 5 <sup>th</sup> Avenue	Palmetto Park Road. to NW 20 <sup>th</sup> Street	Wide sidewalk	2018
FDOT	Clint Moore Road	Congress Avenue to NE 2nd Avenue	Shared-use pathway	2018
FDOT	New Tri-Rail Station	Military Trail near Boca Center	Commuter Rail Station	2017
Palm Beach County	Camino Real Bridge	Over Intracoastal Waterway	Bridge Rehabilitation	2016
Palm Beach County	Palmetto Park Road	Over LWDD E-4 Canal (El-Rio Canal)	Bridge Replacement	2017
Palm Beach County	Palmetto Park Rd. Bascule Bridge	Over Intracoastal Waterway	Rehab/Painting	2017
Palm Beach County	Clint Moore Road Bridge	E. of Congress Ave. to E. of LWDD E-4 Canal	0.3mi, 6 L (Bridge Replacement)	2020
Palm Beach County	Glades Road	Butts Road	Intersection Improvements	2017
Palm Beach County	Palmetto Park Road	WB Palmetto Park Rd I-95 to Military Trail	Auxiliary lanes	2018
Palm Beach County	SW 18 <sup>th</sup> Street	Military Trail	Turn Lanes	2017
Palm Beach County	Dixie Highway widening	Yamato Road to Linton Blvd.	2 lanes to 3 lanes	2018

# 5-year Road Construction List

Agency	Project	Limits	Description	Construction FY
City	Camino Real Transfer Station	Dixie Highway to Federal Highway	Double Bus Shelter	2016
City	Patch Reef Trail	Town Center Road	Verde Trail South	2016
City	St. Andrews Blvd.	Palmetto Park Road to Glades Road	Resurfacing and pathway	2016
City	SW 18 <sup>th</sup> Street	El Rio Canal to Dixie Highway	Reconstruction and Utilities	2016
AAF	All Aboard Florida (Brightline)	Orlando to Miami	Passenger Rail	U.C.

# 5-Year Road Construction

- Palmetto Park Road at NE/SE 5 Ave
  - Planning Study Underway
  - Future Design Phase
  - Possible Eminent Domain Phase
  - Construction Phase

# I-95 Interchange Project



I-95 / Spanish River Boulevard Interchange Improvements  
Palm Beach County

Financial Project Number: 412420-3-52-01  
Federal Aid Project Number: 0951-641-1  
Contract Number: E4M90

# I-95 at Spanish River Blvd New Interchange

Start Date:	7/29/13
Completion Date:	6/24/17
Cost:	\$68,843,280
Design Build Firm:	Astaldi Construction Corp.

# I-95 at Spanish River Blvd Interchange

## Contacts

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**Florida Dept of Transportation**

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# I-95 Interchange Project



 **ASTALDI**  
Construction Corporation

I-95 & Spanish River  
Blvd Interchange

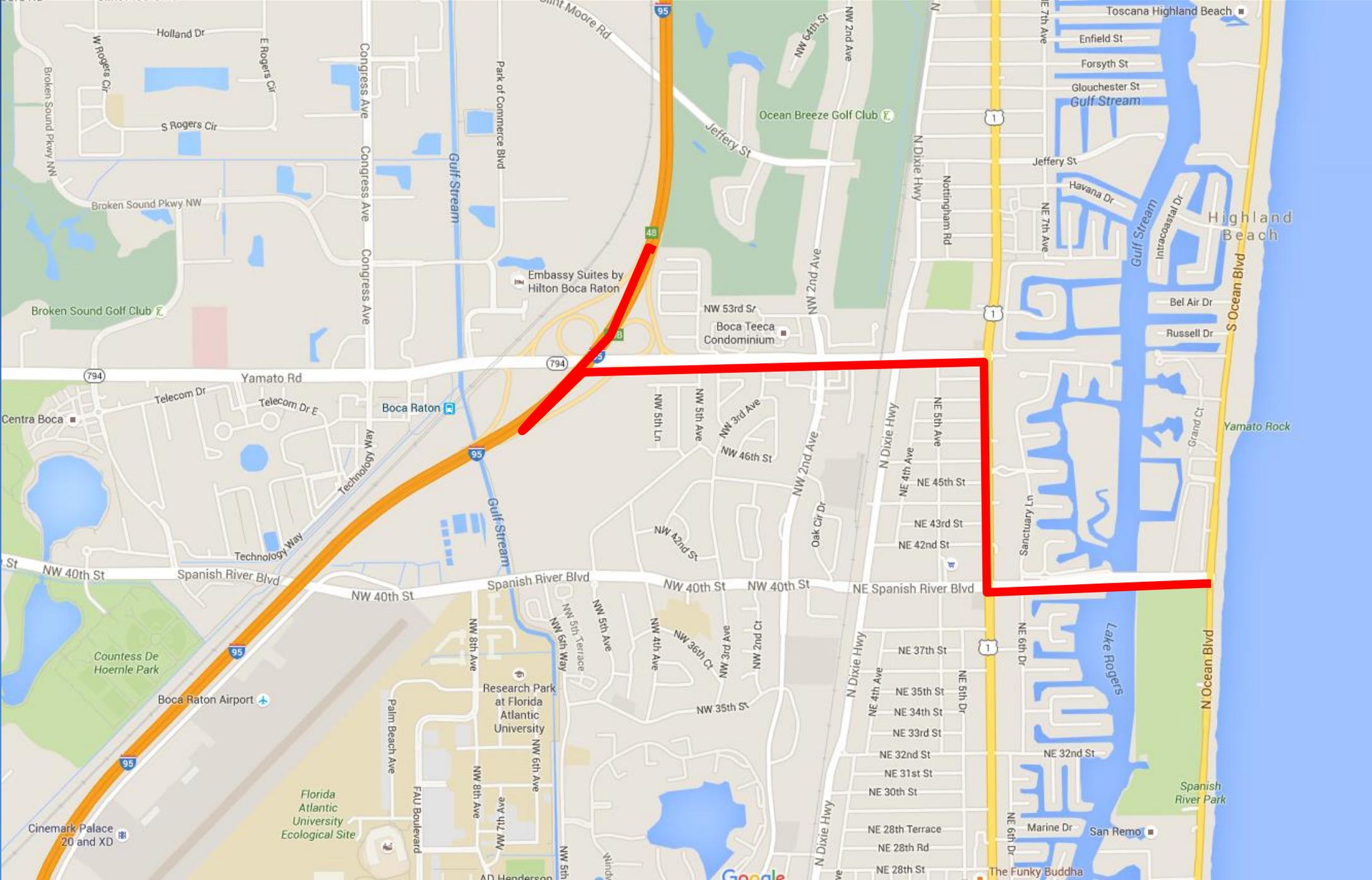
 **SMITH  
AERIAL  
PHOTOS** 05-07-15

Looking south just south of Yamato Road

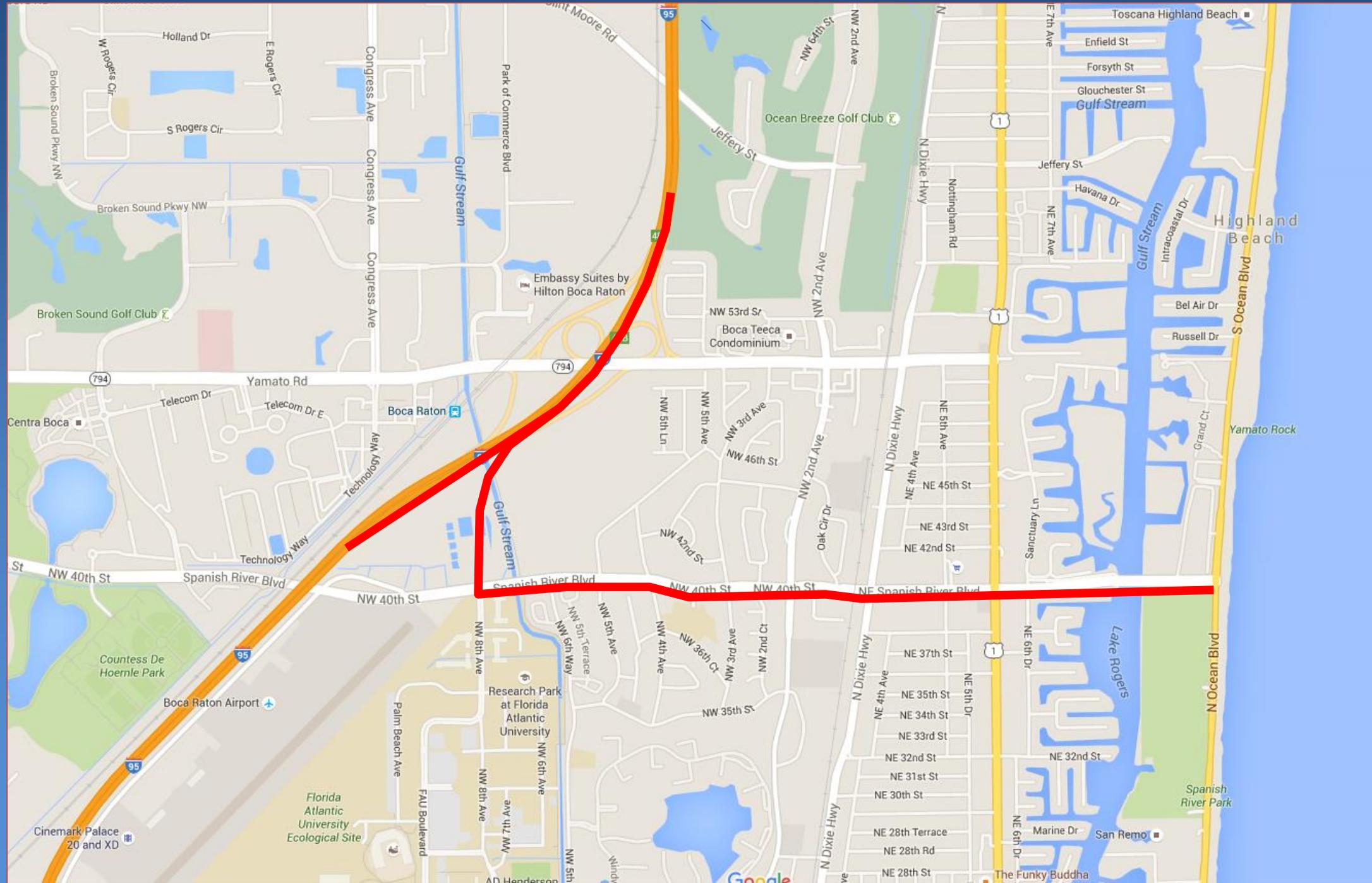


Looking west – existing S.R. Bridge over I-95

# North Route to Beach (Current)



# North Route to Beach (2017)



# Traffic Management Improvements

## ATMS

- BRATMS Components
  - Central Traffic Signal System
  - Communications
  - Video Monitoring
  - Video Detection at Intersections
  - Signal Preemption for Emergency Vehicles
  - Web-Based Access

# ATMS Deployment

- Centralized Traffic Control



# ATMS Deployment

- Video Monitoring Cameras
  - 45 CCTV Cameras
- Video Detection System
  - 70 Intersections



# ATMS Deployment

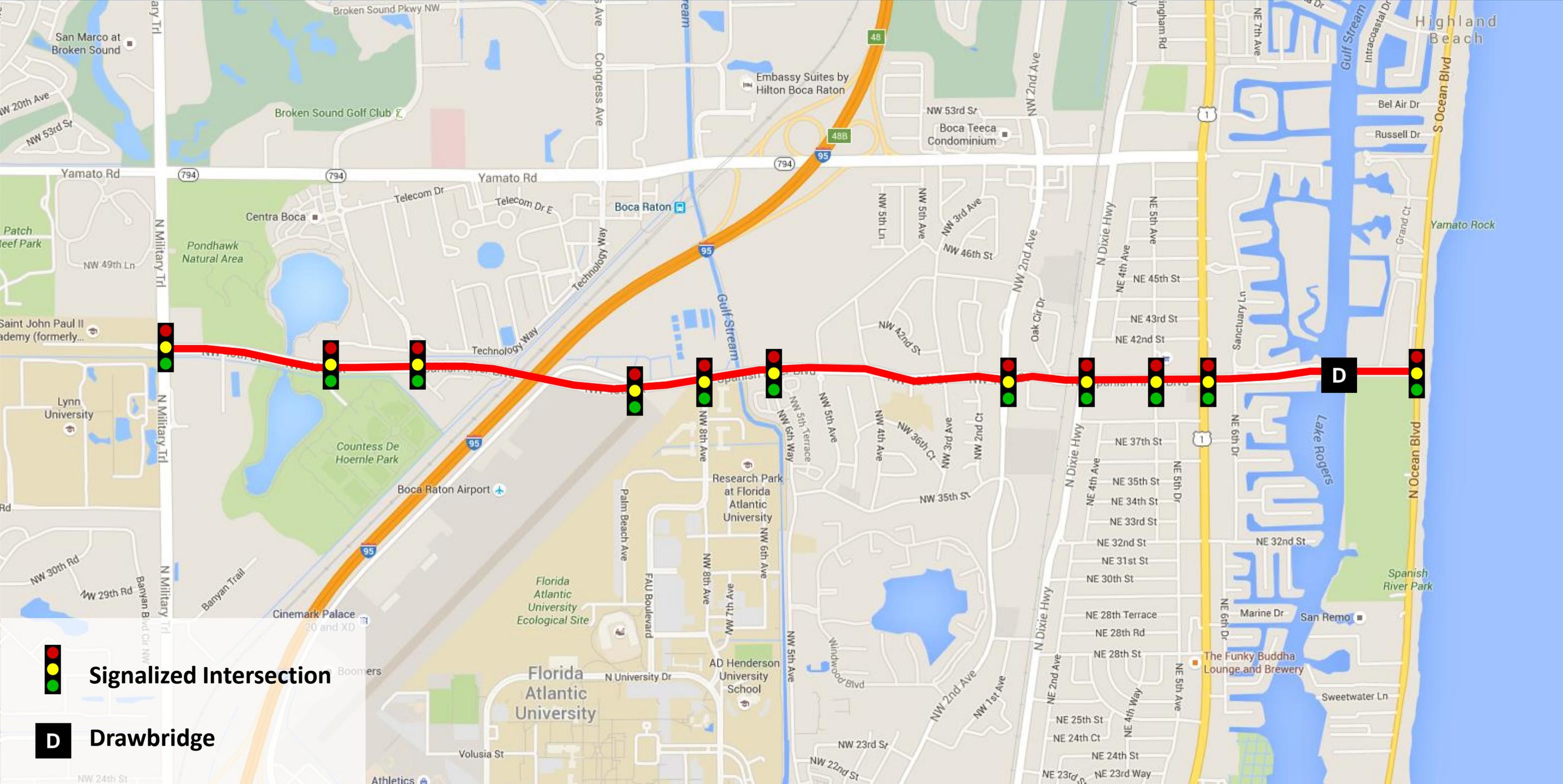


- Emergency Vehicle Preemption
  - All Emergency Fire/Rescue Vehicles
  - 54 Intersections (to be expanded to 64 in 2016)

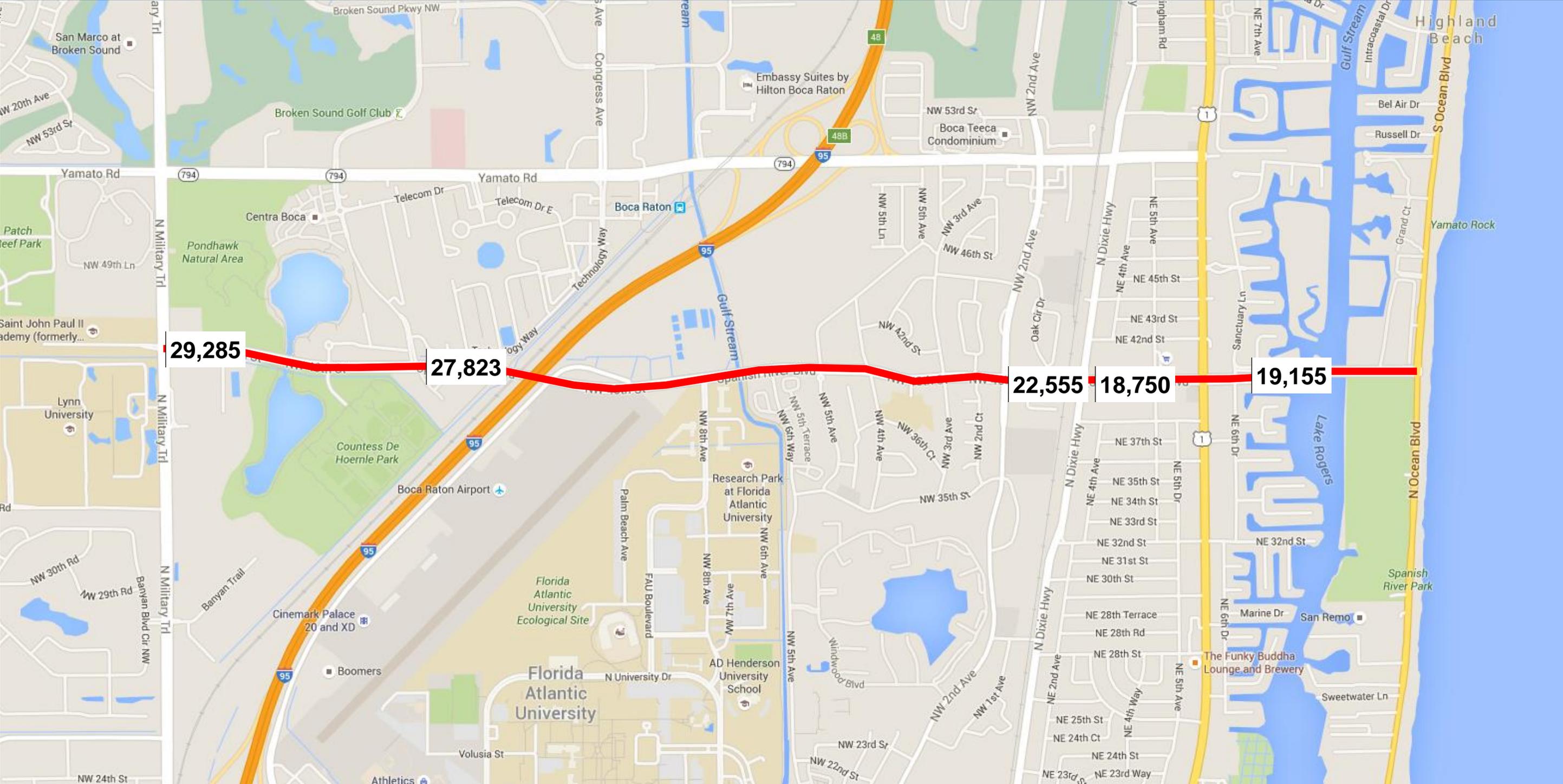
# Traffic Management Improvements

- Adaptive Traffic Signal Control (\$1.7M)
  - Glades Road
  - Military Trail
  - Spanish River Blvd

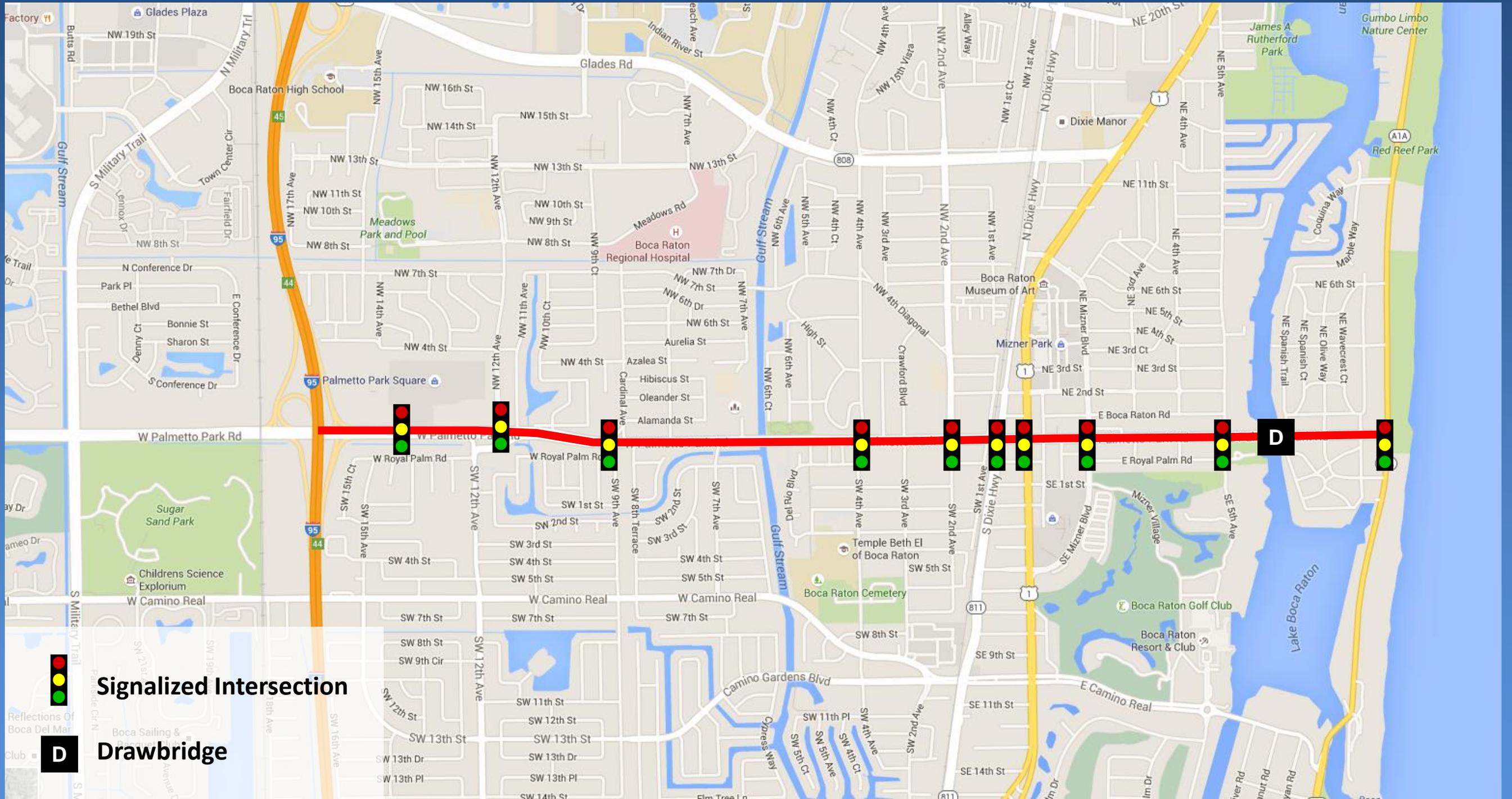
# Spanish River Blvd: Military Trail to A1A



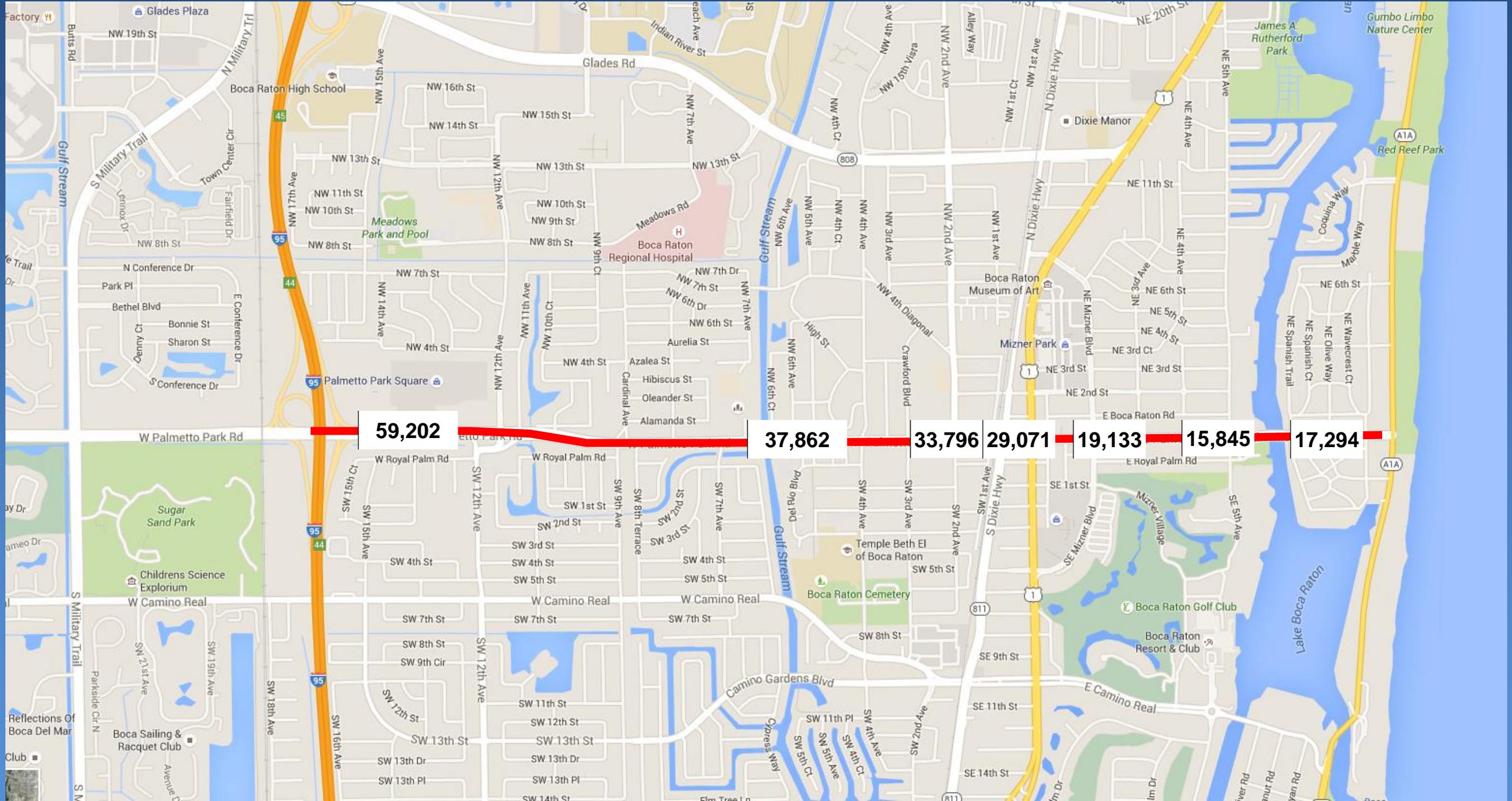
# Spanish River Blvd: Military Trail to A1A



# Palmetto Park Road: I-95 to A1A



# Palmetto Park Road: I-95 to A1A





# Contact

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# Questions?

