

Palm Beach County Traffic Engineering Division

Traffic Management Center (TMC)
Major Signal Projects

January 22, 2026



Engineering & Public Works Department,
Traffic Division

Palm Beach County Engineering & Public Works Department

Road and Bridge

Traffic

Roadway Production

Survey



Land Development

Construction Coordination

Streetscape

Palm Beach County Engineering & Public Works Department - Traffic Division



Intelligent Transportation System

- Real time control and monitoring of 850 traffic signals, over 250 CCTV installations and other ITS devices connected over 500 miles of fiber-optic communications network.



- Roadside Vendor Program
- Traffic Calming Program
- Annual Pathway Program

Designing, installing and maintaining

- Signalization of more than 1,300 traffic signal devices and over 70 coordinated signal systems
- Pavement markings
- Signing



Traffic Analysis and Performance Standards

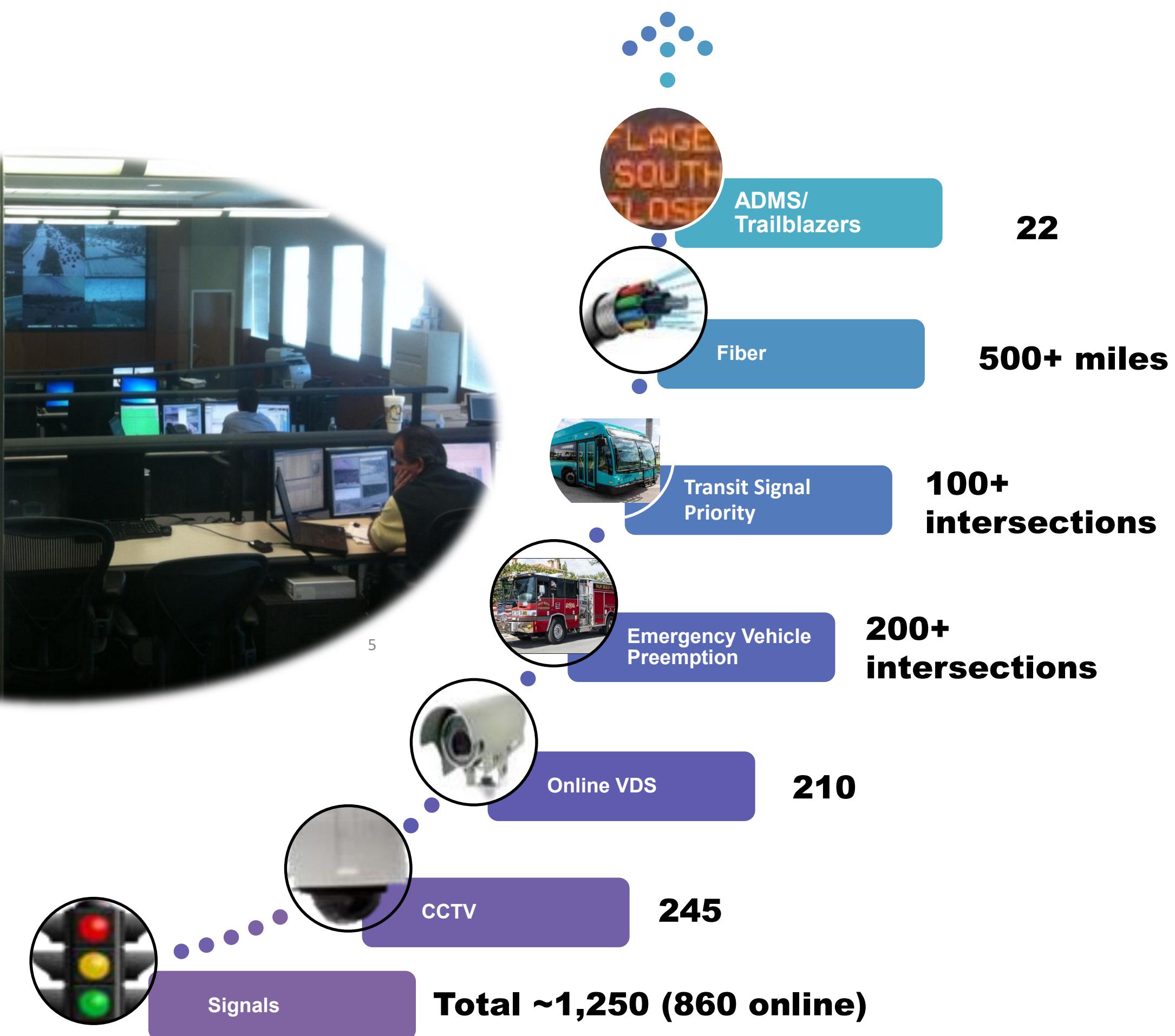
- Major road construction projects
- Land development
- Site planning
- Transportation planning
- Street lighting
- Traffic accident records



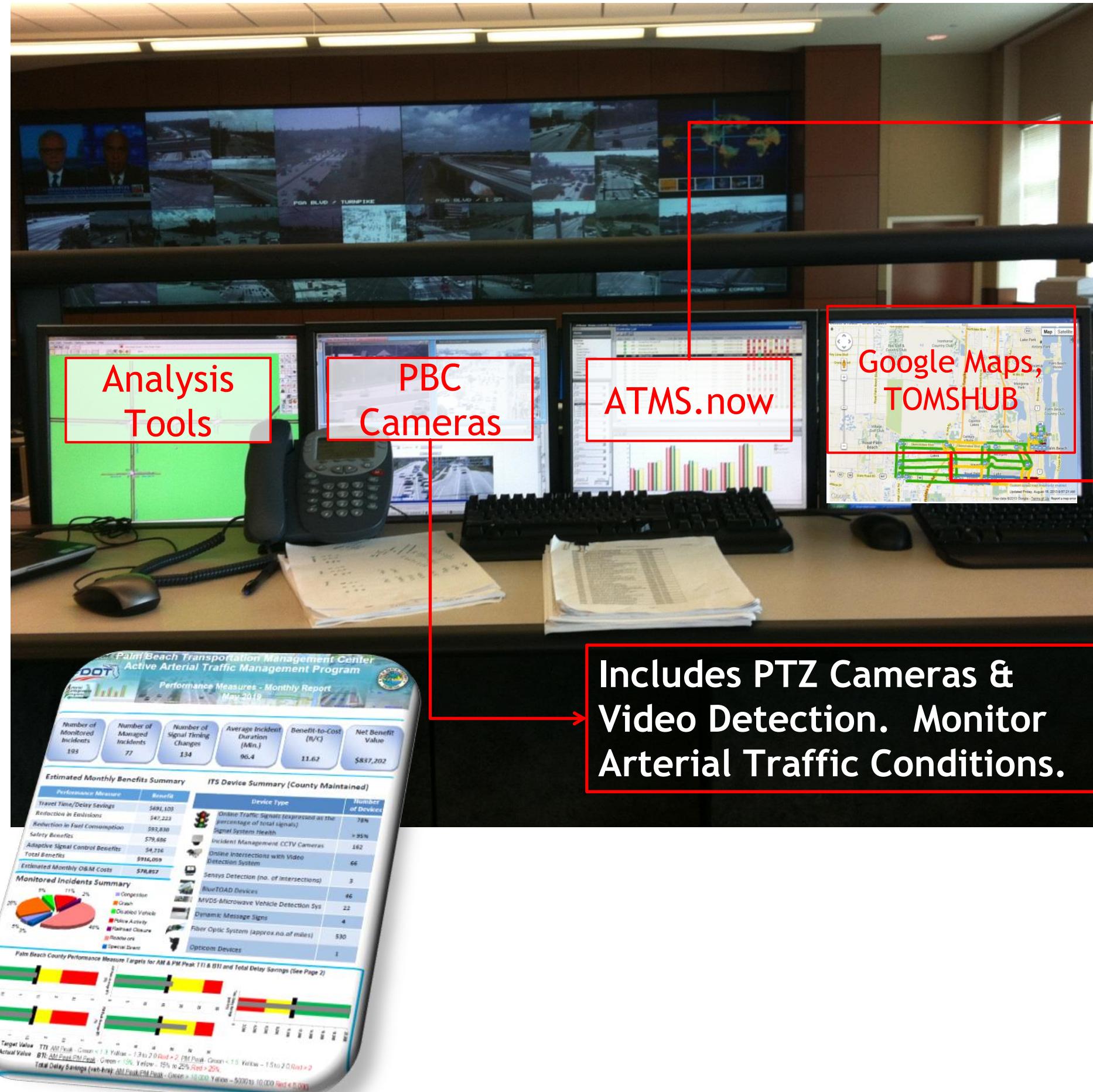


Palm Beach County Traffic Signal & ITS Systems
Traffic Management Center (TMC)

Signal System and ITS Devices



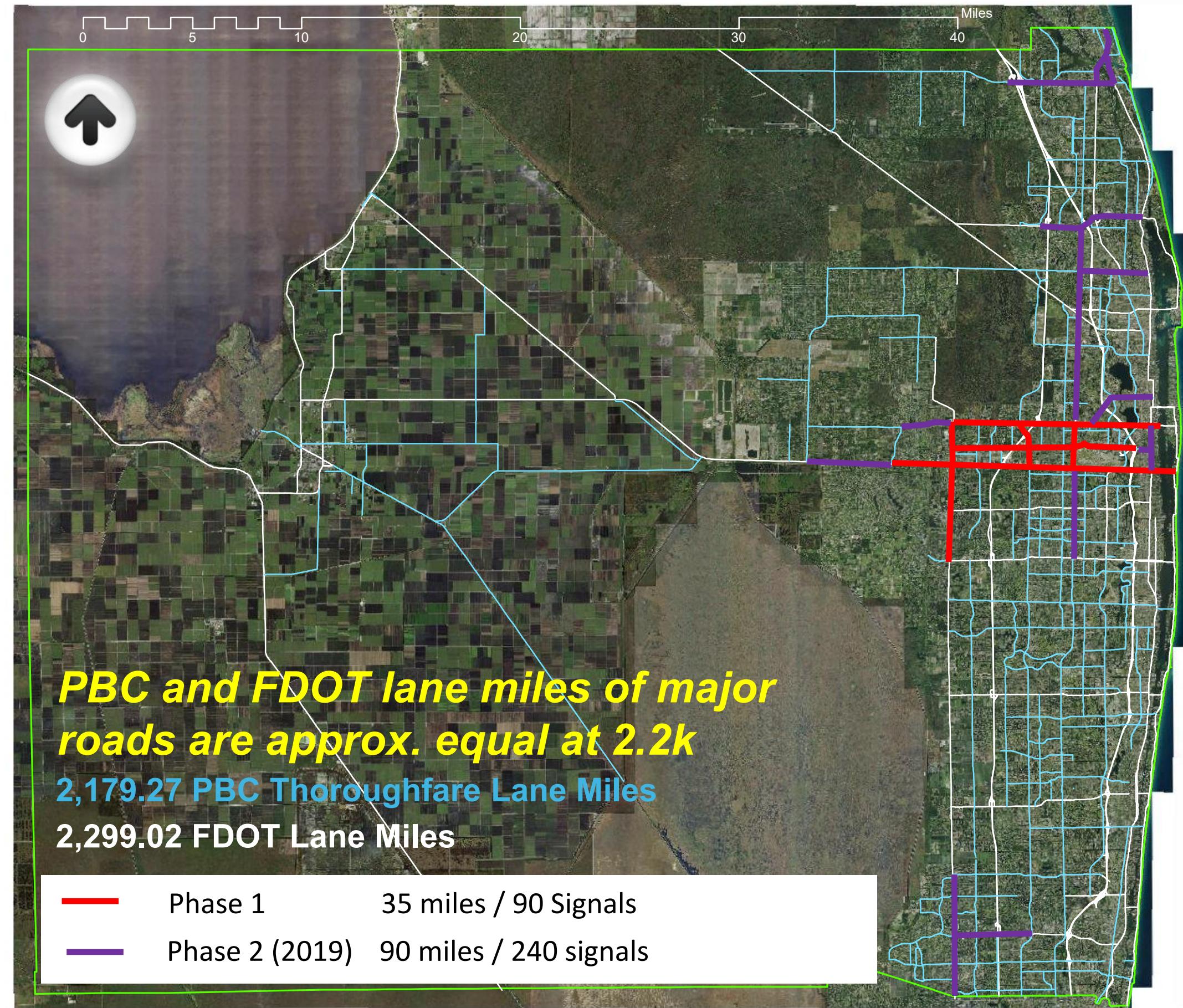
TSM&O - Active Arterial Management (AAM)



- Travel-Time and speed Data
- Real Time Status of arterials



Palm Beach County/FDOT AMP Network



Flashing Yellow Arrow Signals for Left Turn

- Trial phase at 8 intersections along Congress Ave in Boynton Beach – Completed in 2019
- Installed at total 54 intersections up to date
- 114 more intersections planned - funded by federal/state grants

What is Flushing Yellow Arrow?

A new traffic signal that means you can turn left if there is a safe gap in traffic



SEE THIS



DO THIS

Turn left.



Prepare to stop or complete your left turn.

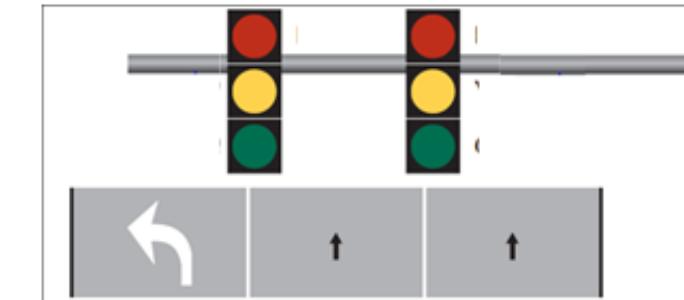


Turn left provided there is a safe gap in vehicle and pedestrian traffic.

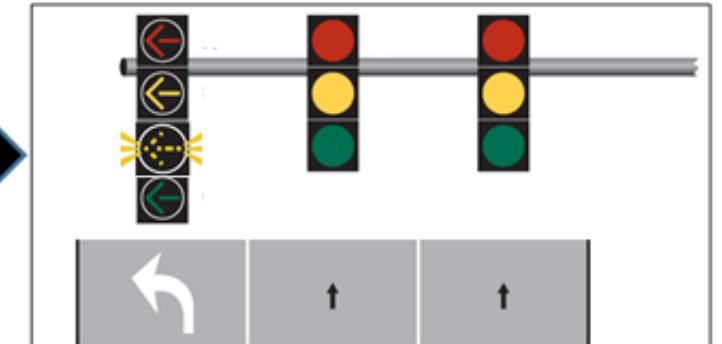
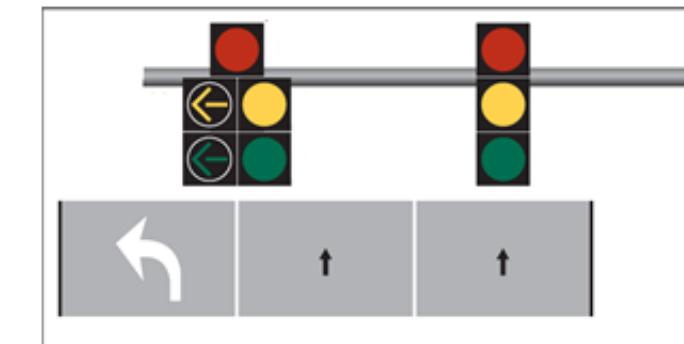
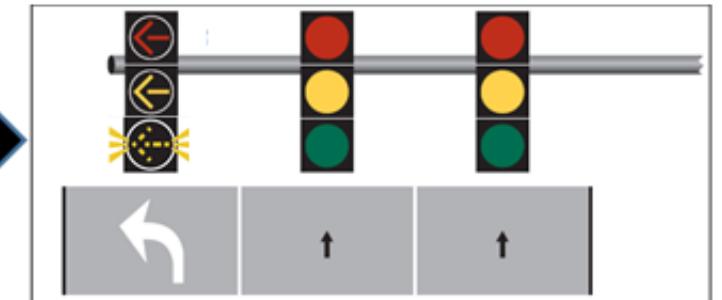
Stop.

Signal Display: Current vs. New

Current



New

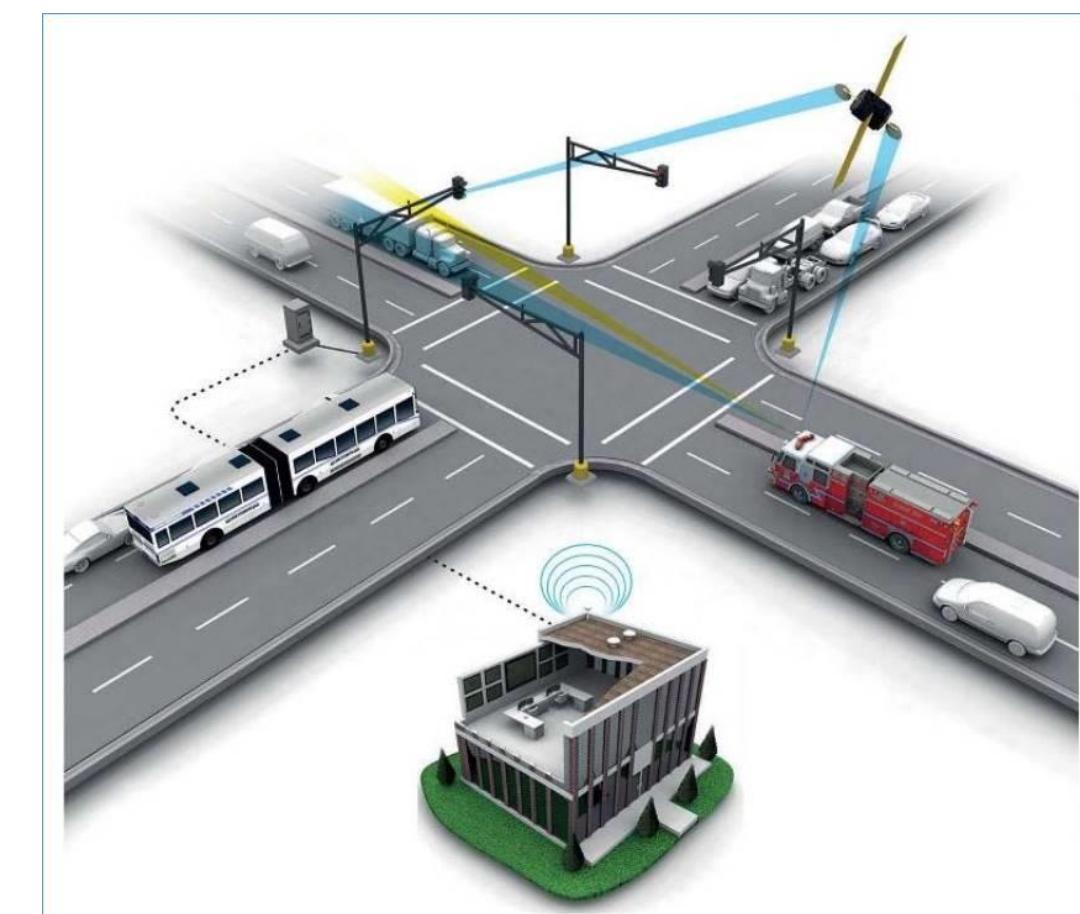


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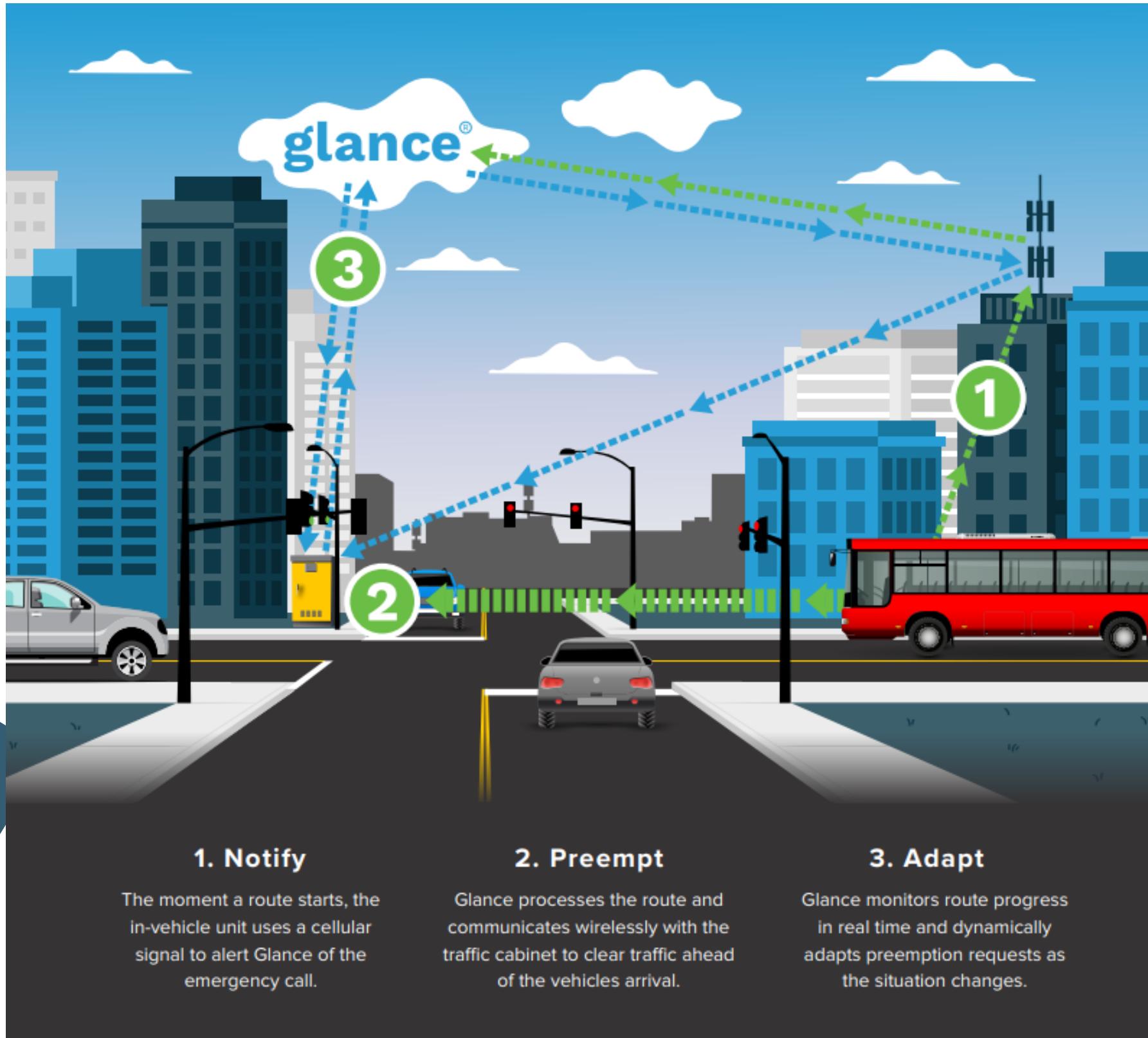
Transit Signal Priority (TSP)/Emergency Vehicle Preemption (EVP)

- TSP (Palm Tran)/EVP (Fire-Rescue) funded through the MPO along US1 from Broward County Line to PGA Blvd for \$2 million
- TSP deployment almost completed on US 1
- TSP to be deployed next on Okeechobee Blvd., Lake Worth Rd, and SR7
- EVP Countywide, so far deployed at more than 200 intersection with another 200+ in progress
- One System that does both TSP/EVP



Transit Signal Priority (TSP)

Transit Signal Priority System: Giving Public Buses Green Lights



Priority vs Preemption

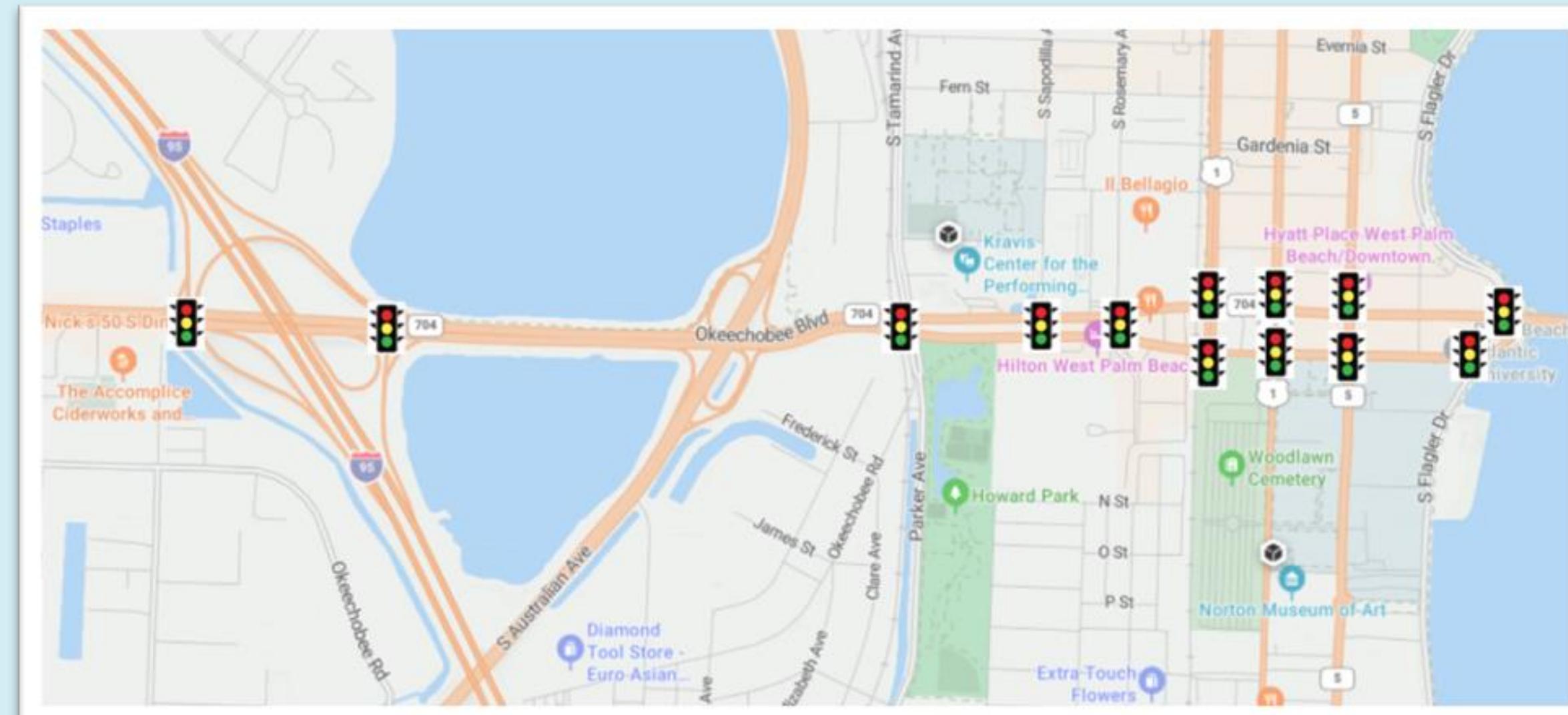
	Transit Priority	Fire Rescue Preemption
Extends green lights	✓	
Interrupts signal timing		✓
Corridor application	✓	
County-wide application		✓
Cloud-based technology	✓	✓



Signal System Improvements

Adaptive Traffic Control System (ATCS) and Associated Traffic Signal and ITS equipment Upgrades in downtown West Palm Beach

Phase 1 - Okeechobee Blvd from I95 to Flagler Dr



Phase 2 - Quadrille Blvd from Okeechobee Blvd to Flagler Dr



CONTACT US

Traffic Division

2300 North Jog Road, 3rd Floor
West Palm Beach, FL 33411

To report a traffic problem, you can contact the Traffic Division by email or phone as follows:

Damaged or Malfunctioning Traffic Signal or Sign

Email: ENG-FixTrafficSignal@pbc.gov
Phone: [561-683-6885](tel:561-683-6885)

Traffic Signal Timing Concerns or Questions

Email: ENG-Timing@pbc.gov
Phone: [561-684-4030](tel:561-684-4030)

Street Light Repairs or Requests

Email: ENG-Streetlighting@pbc.gov
Phone: [561-684-4030](tel:561-684-4030)

Roadway Striping Concerns or Questions

Email: ENG-TrafficStriping@pbc.gov
Phone: [561-684-4030](tel:561-684-4030)

To Request an Inspection

Email: ENG-Traff-Inspection@pbc.gov
Please read the [minimum required information](#) needed before submitting your request.

All Other Traffic Concerns

Email: ENG-TrafficDivision@pbc.gov
Phone: [561-684-4030](tel:561-684-4030)

Thank you!



Engineering & Public Works Department,
Traffic Division