Our mission: Provide efficient active traffic management for incidents, special events and planned construction throughout District Four’s Broward and Palm Beach county arterial roadways.

Signalized intersections in Palm Beach – 1,100
  ➔ On FDOT roadway - 530
Signalized intersections in Broward – 1,456
  ➔ On FDOT roadway – 739

Strategies: Signal Retiming, Traveler Information Dissemination, Event Management and Incident Management*

*Only available in Broward County through SIRV
Broward County

- Utilized controller/ATMS combination – NEMA 2070 controllers (except for a few locations that have 900 series)

- Signals that implement signal preemption:
  - Railroad – 55 signals
  - Emergency Vehicles – 633 signals

Palm Beach County

- Utilized controller/ATMS combination – NEMA 980 TS2 controllers

- Signals that implement signal preemption:
  - Railroad – 59 signals
  - Emergency Vehicles – 630 signals
Arterial Coverage Network

Broward Phase 1 – Central Broward
- Oakland Park Boulevard from University Drive to US-1/Federal Highway
- Sunrise Boulevard from US-441/SR 7 to US-1/Federal Highway
- Broward Boulevard from University Drive to US-1/Federal Highway
- University Drive from Broward Boulevard to Oakland Park Boulevard
- US-441/SR 7 from Southwest 4th Street to Commercial Boulevard
- US-1/Federal Highway from Broward Boulevard to Oakland Park Boulevard

Broward Phase 2 – Southern Broward
- Pines Boulevard/Hollywood Boulevard from Interstate 75 to US-1/Federal Highway
- Pembroke Road from Interstate 95 to US-1/Federal Highway
- Hallandale Beach Boulevard from US-441/SR 7 to Three Islands Boulevard
- US-1/Federal Highway from Hollywood Boulevard to County Line Road

Broward Phase 3 – Three Corridors
- University Drive from Miramar Parkway to Broward Boulevard
- US-441/SR 7 from Hallandale Beach Boulevard to Southwest 4th Street
- Griffin Road from University Drive to US-441/SR 7
ITS Arterial Device Coverage

BROWARD COUNTY

ADMS Locations

BlueTOAD Locations
Arterial Incident Management

BROWARD COUNTY

SIRV expanded incident management coverage to the Broward arterials on **July 29, 2019.**

As of January 2020, SIRV has responded to 193 lane blocking events, resulting in benefits below:

- **Incident Time Savings:** 1878 minutes
- **Lane Blockage Time Savings:** 4963 minutes
- **Agency Time Savings:** 665 minutes

Using the Federal Highway Administration’s lane closure reduction calculation, SIRV saved an estimated $1,210,972 - $1,815,495 in just 6 months of arterial patrol.

SIRV operates 1 dedicated truck on the Broward arterial network, Monday – Friday from 6 a.m. to 7 p.m.
BROWARD COUNTY

December 2019

AMS Program Performance Measures
Arterial Coverage Network

Palm Beach – Central Corridors
- PGA Boulevard from Florida’s Turnpike to US-1
- Northlake Boulevard from Military Trail to US-1
- Palm Beach Lakes Boulevard from Okeechobee Boulevard to US-1
- Okeechobee Boulevard from Royal Palm Beach Boulevard to Flagler Drive
- Belvedere Road from US-441/SR 7 to US-1
- Southern Boulevard from Seminole Pratt Whitney Road to Flagler Drive
- US-441/SR 7 from Lake Worth Road to Okeechobee Boulevard
- Jog Road from Southern Boulevard to Okeechobee Boulevard
- Military Trail from Lake Worth Road to PGA Boulevard

Palm Beach – Downtown West Palm Beach
- Quadrille Boulevard from Okeechobee Boulevard/Lakeview Avenue to Flagler Drive
- US-1/Dixie Highway from Okeechobee Boulevard/Lakeview Avenue to Quadrille Boulevard
- Olive Avenue from Okeechobee Boulevard/Lakeview Avenue to Quadrille Boulevard
- Flagler Drive from Okeechobee Boulevard/Lakeview Avenue to Quadrille Boulevard

Palm Beach – Town of Jupiter
- Indiantown Road from Florida’s Turnpike to US-1
- A1A from Indiantown Road to US-1
- US-1 from Indiantown Road to Martin County Line

Palm Beach – West Boca Raton
- US-441/SR 7 from Broward County Line to Clint Moore Road
- Glades Road from US-441/SR 7 to Jog Road
AMS Program Performance Measures

PALM BEACH COUNTY

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>Benefit</th>
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<tbody>
<tr>
<td>Travel Time/Delay Savings</td>
<td>$193,819</td>
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<tr>
<td>Reduction in Emissions</td>
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<tr>
<td>Reduction in Fuel Consumption</td>
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<tr>
<td>Safety Benefits</td>
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<tr>
<td>Adaptive Signal Control Benefits</td>
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<tr>
<td>Total Benefits</td>
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<tr>
<td>Estimated Monthly O&amp;M Costs</td>
<td>$75,429</td>
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</tbody>
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Number of Monitored Incidents: 110
Number of Managed Incidents: 58
Number of Signal Timing Changes: 45
Average Incident Duration (Min.): 77
Benefit-to-Cost (B/C): 4.15
Net Benefit Value: $237,314

December 2019
Broward County

- Encoders installations at traffic cabinets to transmit live video-feed from detectors to TMC using wireless communication.
- Installation of Transit Signal Priority on 2 corridors:
  - US-1 from Sheridan St. To County Line Road
  - Broward Blvd from SR-7 to Federal Highway

Palm Beach County

- Indiantown project for ATC controllers
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