



# TRANSPORTATION COMMITTEE QUARTERLY REVIEW

Tom Weyandt, Interim Renew Atlanta General Manager

Michele Wynn, Horizontal Program Management Officer

May 16, 2018



## CORE VALUES:

**Innovation**

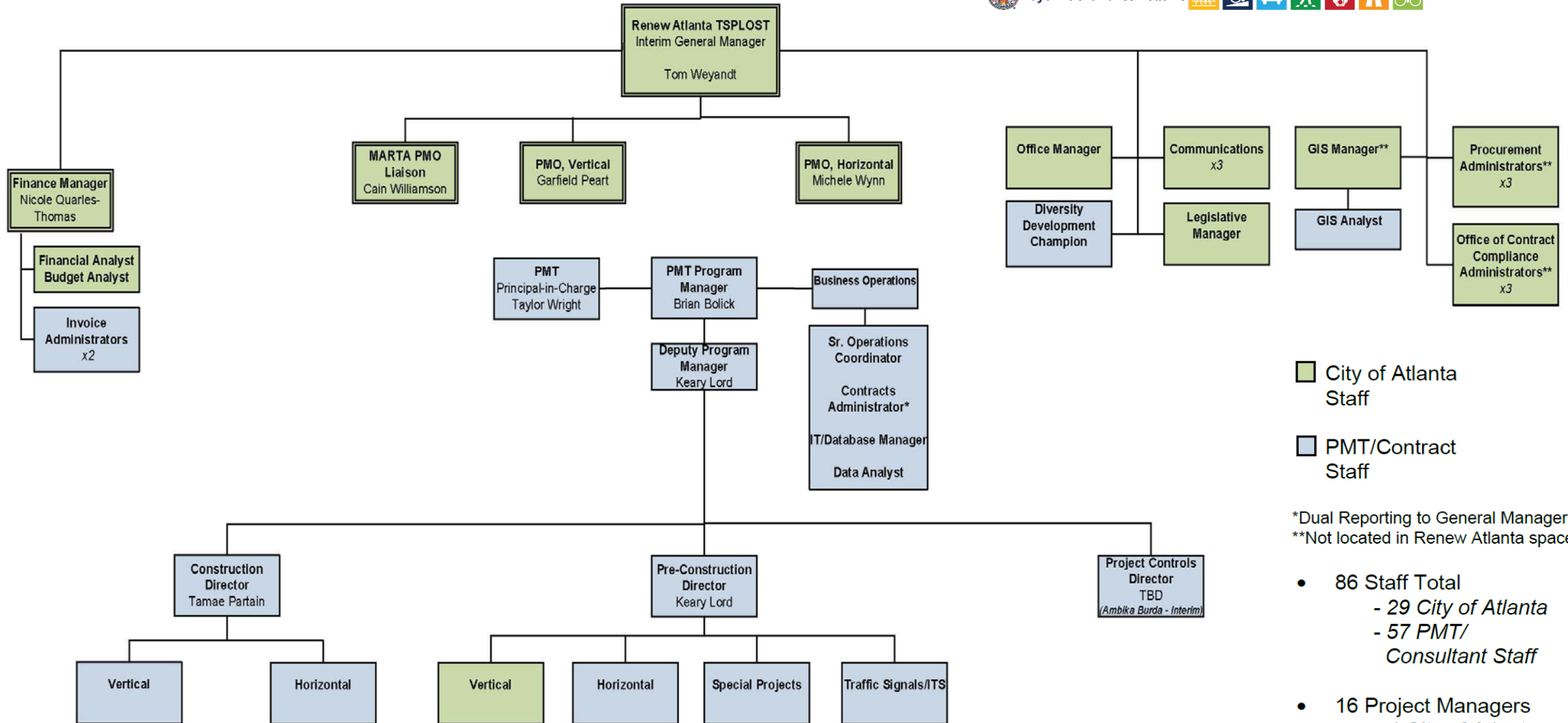
**Quality/Value**

**Integrity**

**Equity**



# ORGANIZATIONAL CHART

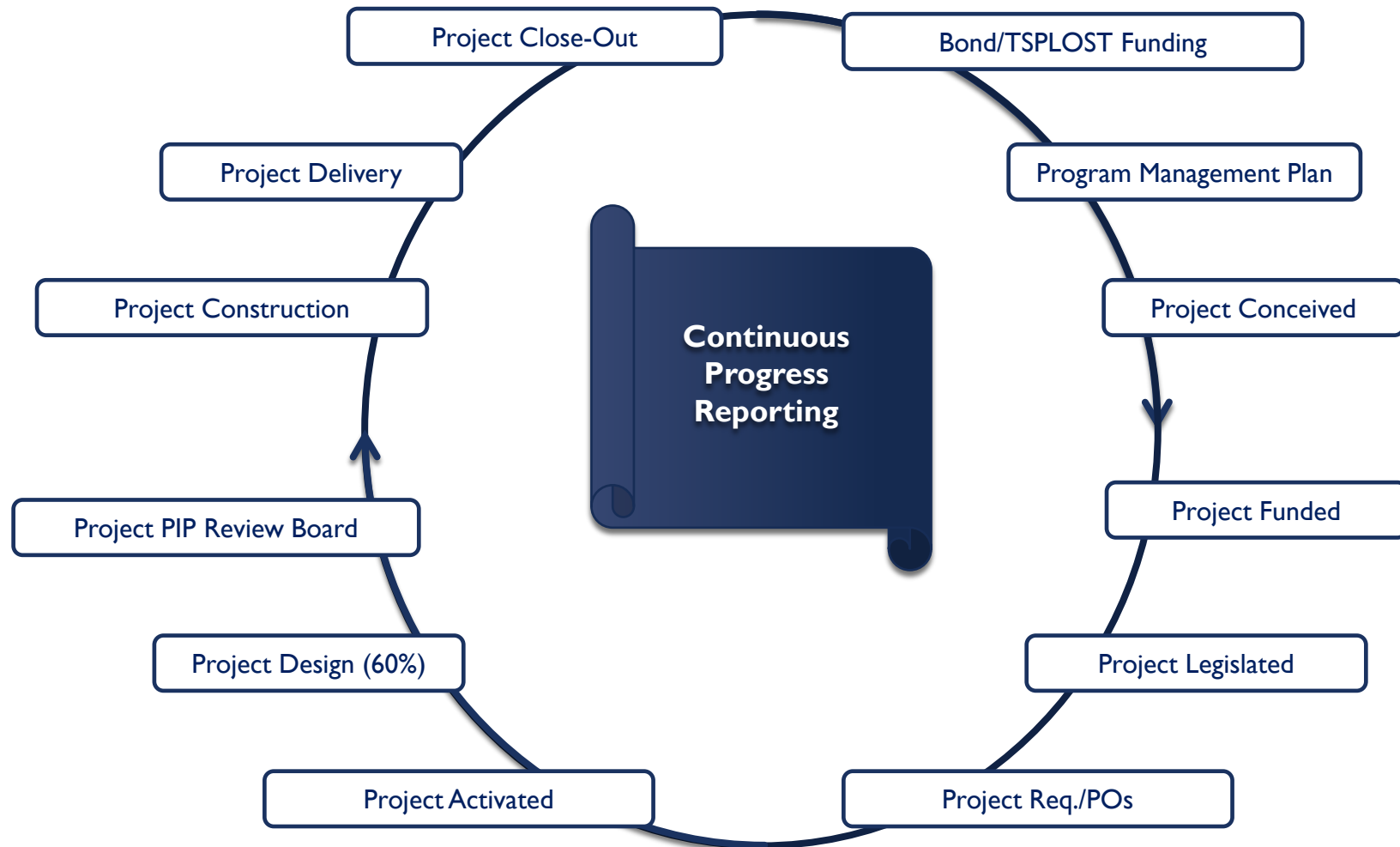


City of Atlanta Staff  
 PMT/Contract Staff  
 \*Dual Reporting to General Manager  
 \*\*Not located in Renew Atlanta space

- 86 Staff Total
  - 29 City of Atlanta
  - 57 PMT/Consultant Staff
- 16 Project Managers
  - 4 City of Atlanta
  - 12 PMT Staff



# RENEW ATLANTA + TSPLOST PROGRAM LIFE CYCLE



# Key Accomplishments to Date



- **Renew Atlanta** from December 2015 to date:
  - From **90** to **513** projects active
  - From **\$13.8M** to **\$181.5M** Under Contract
- Goal: **\$167.5M** by end of 2017 term
- Quick start on TSPLOST
  - **TSPLOST: \$16.2M** Under Contract
- MARTA Coordination on TSPLOST
- **\$98M** partnership funding from GDOT
- Increased competition
- December 2017 Diversity Payments Issued: **35.51%**
- North Avenue Smart Corridor – 4 awards and counting
- Equity in Design
- Traffic signalization improvements, including TSPLOST operational cost capitalization
- Citywide impact
  - Resurfacing: **\$42.5M** under contract/complete
  - Traffic management: **\$23.3M** under contract/complete
- Safer Roads Challenge designation
- Lead development of MARTA IGA
- Governance – Multilayered internal and external, Project Control Board, City Council, Internal Audit, Infrastructure Stakeholder Committee, Finance and ACP Infrastructure Task Force
- Martin Luther King, Jr. Recreation & Aquatic Center completion

## Project Snapshot to Date

- 109 miles paved or underway
- 30,101 linear feet of repaired or new sidewalk complete or underway
- 2 bridges under design  
2 bridges pre-construction  
1 bridge under construction
- 68/900 signals improved/connected (includes TCC)
- 14 complete streets under design
- 9 facilities renovated
- 15 facilities underway
- 12 art projects underway
- 17 art pieces restored



# RENEW ATLANTA/TSPLOST PROGRAM TO-DATE: CAPITAL PROJECT CAPABILITY-BUILD

## ACCOMPLISHMENTS

- Business Culture aimed at quality, equity and performance
- Program Management:
  - Ramped up team by only 25% for additional \$300M TSPLOST deployment
- Solid scopes and cost estimates – ongoing
- Market competitiveness
- TSPLOST readiness – separate financial management system
- Communication and Reporting:
  - “Design Developing / Dirt's Moving & Under Construction” weekly updates
  - monthly website updates
  - Renew/TSPLOST Project Update Portal (NotifyATL notification system)
  - Daily tweets – resurfacing updates and community engagement events
  - Event recaps
- 24-hour standard response time – building public trust and confidence

## OPPORTUNITIES / CHALLENGES

- Internal audits – 3 completed, 2 underway
  - Renew Lessons Learned – have citywide applicability
- Expectation management
- Utility coordination complexity
- Communication

## ONGOING

- Project readiness: ensuring projects are meaningfully scoped and ready to go – ongoing
- Project quality and project controls – ongoing
- Event traffic management plan – stadium, per request of the Transportation Committee
- Smart Corridor Suite – North Avenue, Campbellton Road, event venues, Buckhead



# 3-MONTH WORK PLAN HIGHLIGHTS

## ➤ **Resurfacing Contracts:**

- Group 2 (local)- 18th Street, Aurora Avenue, Hills Place, Huber St, McAfee Street, Mims Street, Montgomery Ferry Drive Phase 2, Mountain Way Resurfacing, N. Ivy Rd Resurfacing, North Morningside Resurfacing, Old Chattahoochee Ave Phase I, Old Ivy Rd, Pine Street, Morehouse Dr, Sunset Avenue, Travis Street, Verbena St, Westminster Dr, Whitaker Circle, Whitaker Street
- Major A- Fairburn Rd (Phase I, 2 &3), Stone Hogan Connector, Stanton Rd. Bolton Rd, 8th Street, Beecher St., Collier Dr., Ellsworth Industrial Boulevard, Fair Dr., Hills Ave., Howell Mill, Huff Rd., Margaret Mitchell Dr., Peachtree Battle Ave., Campbellton Rd., **Northside Pkwy I & 2, Metropolitan Pkwy.**
- Major B- To advertise this summer
- Marietta Street

## ➤ **Traffic Communication Corridors (TCC):** Piedmont Ave TCC, Centennial Olympic Park Drive TCC, Monroe Drive TCC, Juniper Street TCC, West Marietta and Marietta Blvd TCC and Signal Upgrades

- TCC Combo 2- Georgia Ave, Atlanta Ave, Boulevard, Hosea Williams, McDaniel St and Glenwood) Phase I and Barnett @ St. Charles signal removal

## ➤ **Bridges:** Powers Ferry Road Bridge Replacement- Open House on 5/15/18

- Childress Bridge Replacement- Ground breaking ceremony on 6/20/18

## ➤ **TSPLOST:** Proctor Creek Greenway- Construction complete; Ribbon cutting ceremony was 5/7/18

- Midtown ITS Projects- Bid advertisement
- Bobby Jones / Atlanta Memorial Park / Northwest Beltline Connector- Construction
- 10th St Pedestrian and Bicycle Safety Project- Construction

## ➤ **Complete Streets:**

- Monroe Boulevard- Open House Series (3 meetings) on 6/28/18



# PROJECTS COMPLETED AND UNDERWAY

<b>Renew Atlanta Bond (Horizontal)</b>	
<b>Completed</b>	<b>146</b>
CLOSE OUT	55
CLOSED	61
CONSTRUCTION.COMPLETE	30
<b>In Progress</b>	<b>252</b>
ACTIVATION	10
CONST PROCURE	70
CONSTRUCTION	53
CONSTRUCTION/Under Contract	30
DESIGN	88
DESIGN PROCURE	1
<b>TSPLOST</b>	
<b>Completed</b>	<b>1</b>
Close-out	1
<b>In Progress</b>	<b>23</b>
ACTIVATION	1
CONSTRUCTION	2
DESIGN	17
DESIGN PROCURE	3
<b>Grand Total</b>	<b>422</b>



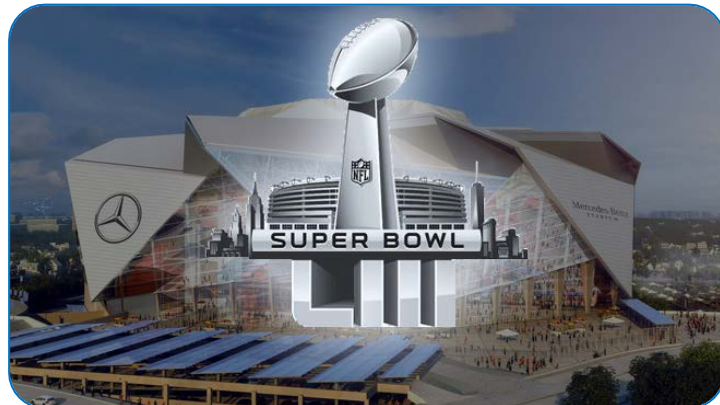
# SMART CITY INITIATIVES



- Philips Arena, Georgia World Congress Center, Mercedes Benz Stadium, Centennial Olympic Park, etc.
- Upcoming active traffic management efforts:

Date	Day	Start Time	Event	Estimated Attendance
5/20/2018	Sunday	7:00 pm	United vs Red Bulls	35,000
5/26/2018	Saturday	7:00 pm	Kenny Chesney	65,000
6/2/2018	Saturday	7:00 pm	United vs Philly	35,000
6/24/2018	Sunday	4:30 pm	United vs Portland	35,000
6/30/2018	Saturday	7:00 pm	United vs Orlando	70,000

- Super Bowl January 2019 – here we come!



*“ I just wanted to express my gratitude on all of the coordinated efforts that have made real, measurable improvements to the fan experience coming to and leaving from our games thus far. The attention to each detail and the follow up emails and meetings have been incredibly helpful to make immediate improvements and to make sure all are aligned on the playbook we are using. Thank you very much. ”*

*– Mike Gomes, SVP, Fan Experience, AMB Sports + Entertainment*

*“ We had 50 members of the CFP production team in the city this weekend observing all operations and they were very pleased with traffic!!*

*Congratulations on all the great work you and the team have done!! ”*

*– Amy Patterson, Manager, Operations & Logistics, Atlanta Football Host Committee*



North Avenue is the first major corridor located in the Midtown “smart” zone that we are actively working on to collect real-time data and demonstrate how we can use it to improve the corridor.

➤ 4 awards to date:

- Georgia Intelligent Transportation Society – 2017 Project of Significance Award
- National Recognition Award – 2018 ACEC Academy Awards of the engineering industry
- State Award Winner, Technology Systems – 2018 ACEC Georgia Engineering Excellence Awards
- 2018 ACEC People’s Choice Award - Voted upon by the attendees of the Georgia Engineering Excellence Awards

***A public demonstration and “living lab” for IoT deployment, data collection/analytics, autonomous vehicles, and partnerships.***

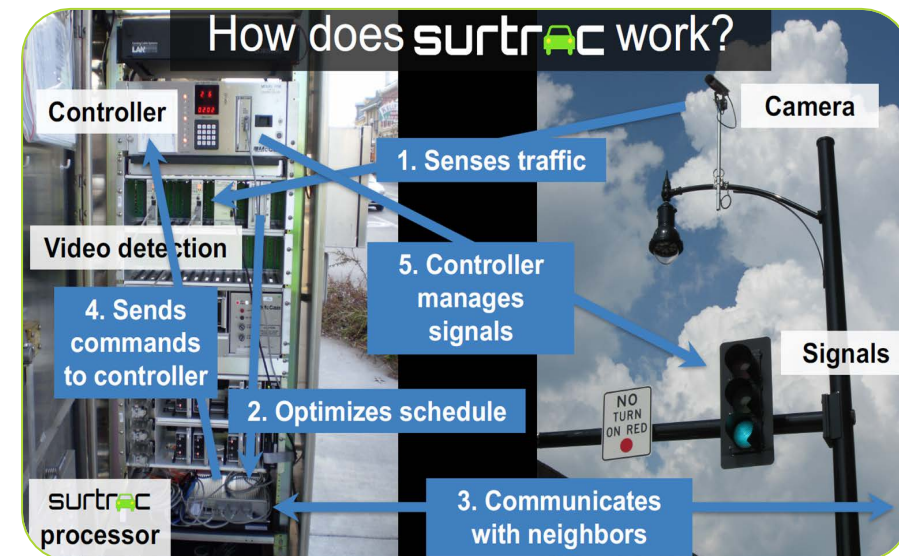




# NORTH AVENUE ADAPTIVE TRAFFIC CONTROL SYSTEM: “SURTRAC”

- Responds to real-time events on demand
- Real-time optimization of complex, dynamic traffic flows for all mobility
- Expected results:
  - lower travel times for all users
  - Fewer stops
  - Less time idling
  - lower emissions
- Combines artificial intelligence with traffic theory

- Not a fixed timing plan, instead traffic control that adapts to actual urban traffic in real-time
- Specific for urban road networks of multiple competing dominant flows that shift dynamically through the day





# SUITE OF SMART CORRIDORS

- City of Atlanta Partnerships:
  - Event management – traffic management for special events
  - North Avenue Smart Corridor – AV, connected vehicles, data analytics
    - Pre-bid- 6/21/18
    - RFPs Due- 6/27/18
  - Ted Turner Drive Resiliency Corridor – sustainability
    - Winner: University of Georgia
    - Runners-Up: Morehouse College and Georgia Tech
  - Campbellton Road Smart Corridor – transit
    - ❑ Technology tested in Midtown (North Avenue)
    - ❑ Initial Deployment: July 2018
  - Buckhead – traffic management
    - ❑ Estimated Completion: December 2018



# Key City of Atlanta TSPLOST Projects: Year I



Title	Mode, Project Type	Council District
Atlanta Beltline	Atlanta Beltline/Multi-use Trails	Multiple
Proctor Creek Greenway (Phase I)	Multi-use Trail	9
Atlanta Memorial Park Area Pedestrian, Access, and Safety Improvements	Sidewalk/ Streetscape	8
ML King Jr Drive	Sidewalk/ Streetscape	10
Atlanta Signal Coordination System and Congestion Mgt	Signal Coordination	Citywide
Transportation Project Matching Fund	Partnership and Matching Fund	Citywide
Bike Share	Bike Share Relay	Multiple

## Year I Partnership Projects:

- GT MOU Traffic
- 10<sup>th</sup> Street Multimodal Bridge/MA
- Piedmont Park Expansion

# Key City of Atlanta TSPLOST Projects: Year 2



Title	Mode, Project Type	Council District
North Ave	Complete Street	2
Spring St	Complete Street	2
W Peachtree St	Complete Street	2
Gilmer St	Complete Street	5
Cascade Rd	Complete Street	10, 11
Piedmont Ave	Complete Street	2, 5
Campbellton Rd	Complete Street	4, 11, 12
PATH 400	Multi-use Trail	6, 7
Sunset Ave	Sidewalk/ Streetscape	3
Cheshire Bridge Rd	Sidewalk/ Streetscape	6

## Year 2 Partnership Projects:

- 14<sup>th</sup> & Juniper operational improvement
- 15<sup>th</sup> Street streetscape
- 15<sup>th</sup> Street & Peachtree Circle roundabout
- Resurfacing
- Fairburn Road complete street

# Key City of Atlanta TSPLOST Projects: Year 3



Title	Mode, Project Type	Council District
<b>5th St</b>	Complete Street	2
<b>Euclid Ave</b>	Complete Street	2
<b>Langhorn St</b>	Complete Street	4
<b>LaFrance St/ Marion Pl</b>	Complete Street	5
<b>N Highland Ave</b>	Complete Street	2, 6
<b>East Side Trolley Greenway Trail</b>	Multi-use Trail	5
<b>East Side Trolley Greenway Trail Connector</b>	Multi-use Trail	5
<b>South Fork Conservancy + PATH 400 Confluence Bridge</b>	Multi-use Trail	6
<b>Freedom Parkway Trail to Stone Mt Trail Connector</b>	Multi-use Trail	2, 5
<b>Ft McPherson Redevelopment: Northern Gateway</b>	Streets: Extension	4, 12

## Year 3 Partnership Projects:

- Westside Quarry Park

# Key City of Atlanta TSPLOST Projects: Year 4



<b>Title</b>	<b>Mode, Project Type</b>	<b>Council District</b>
<b>Peachtree Center Ave</b>	Complete Street	2, 5
<b>Chappell Rd</b>	Complete Street	3, 9
<b>HE Holmes Neighborhood Trail Connection</b>	Multi-use Trail	3, 10
<b>Lionel Hampton Trail Connection</b>	Multi-use Trail	3, 4 10
<b>Blue Heron Blueway Trail</b>	Multi-use Trail	7, 8
<b>I 8th St</b>	Sidewalk/ Streetscape	3
<b>Browns Mill Rd</b>	Sidewalk/ Streetscape	12
<b>Hutchens Rd</b>	Sidewalk/ Streetscape	12
<b>Lakewood Ave</b>	Sidewalk/ Streetscape	1, 12
<b>Mitchell St/Capitol Sq. Conversion to Two Way</b>	Streets: One Way Conversion	4



# Key City of Atlanta TSPLOST Projects: Year 5



Title	Mode, Project Type	Council District
Westland Blvd	Complete Street	10
Sidewalk Gap Closure Fund	Sidewalk/ Streetscape	Citywide





# PARTNERSHIP EFFORTS

- Community Improvement Districts (CIDs):
  - *Midtown CID* – Midtown Alliance
  - *Buckhead CID*
  - *Downtown CID* – Central Atlanta Progress
  - *Little Five Points CID*
  - *Upper Westside CID*
- Atlanta Committee for Progress (ACP)
- Infrastructure Stakeholder Committee oversight
- Georgia Pacific Communications plan review
- Customer service training
- Mentor/protégé program
- Georgia Tech Smart City collaboration
- Georgia Pacific/Koch Industries – Smart city visit



ATLANTA REGIONAL COMMISSION





# ACTION ITEMS UNDERWAY

- Ongoing internal audit activities
- More MARTA
- Major development coordination
- TSPLOST implementation
- MARTA IGA implementation





# LOOKING FORWARD FOR RENEW ATLANTA/TSPLOST

- Transition pace
- Securing additional scenario-based partnership funding
- Curbside infrastructure management opportunities
- Advancing technology deployment
  - After North Avenue, event management expansion, Campbellton, Buckhead Loop, Beltline, AV on North Avenue
- Smart Transportation expansion – system wide traffic management, potential RFIs

## ➤ Development infrastructure support

- Gulch, Underground, Summerhill, Fort Mac, Amazon?, and more

## ➤ Communication and maintaining public trust and confidence

## ➤ Vertical portfolio competition June 2018

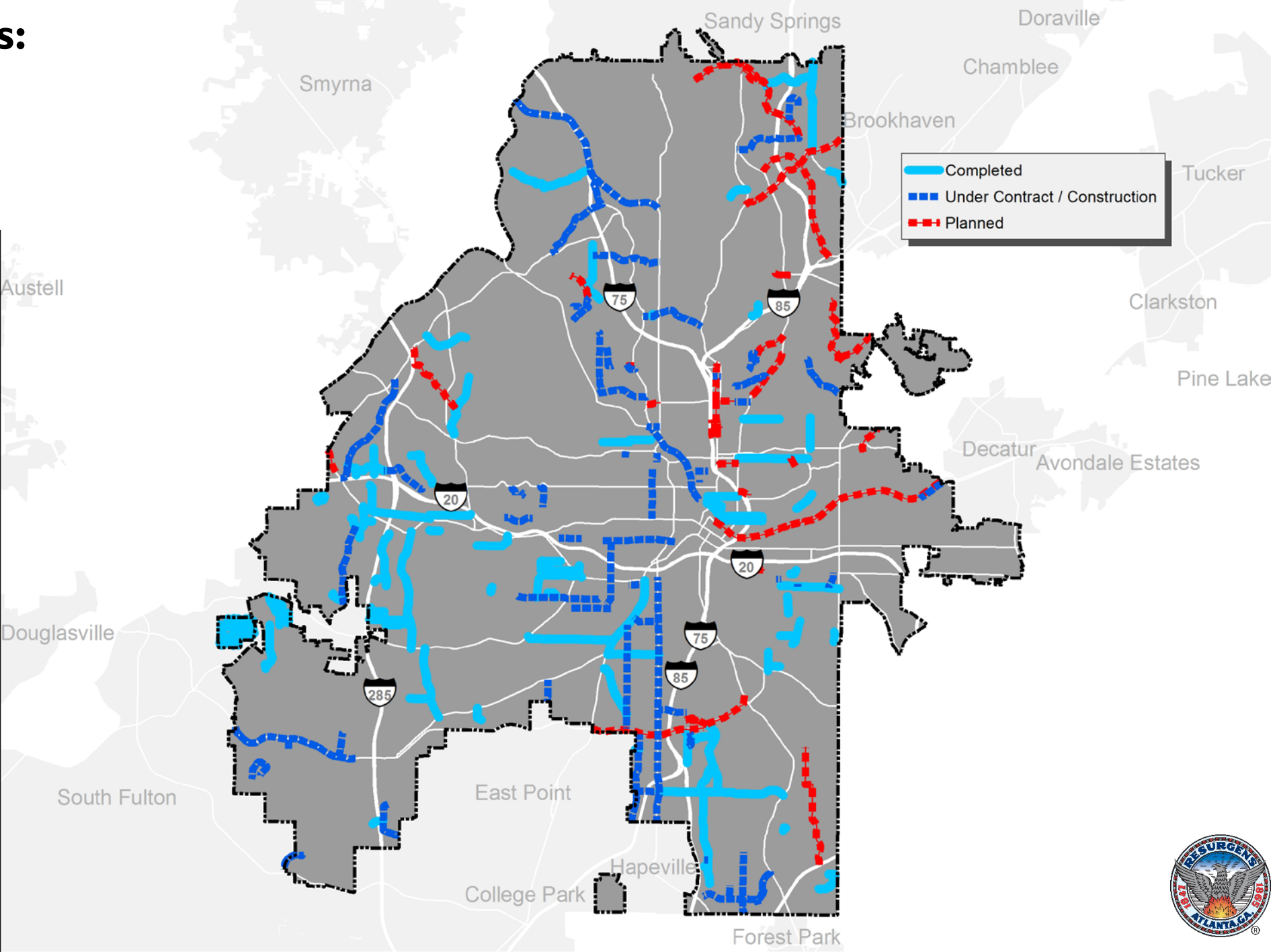
## ➤ Fully activated MARTA IGA coordination

## ➤ RFQC small and large

## ➤ Competition

	# OF BIDDERS	UNDER BUDGET	LOW BID	HIGH BID	BID DIFFERENTIAL
<b>FC-9403 GDOT GROUP A</b>	4	YES	\$14,393,616.31	\$17,747,093.14	23.30%
<b>FC-9580 LOCAL GROUP 1</b>	3	YES	\$4,095,721.91	\$4,165,941.78	1.71%
<b>FC-9962 LOCAL GROUP 2</b>	5	YES	\$3,983,344.76	\$5,508,638.10	38.29%
<b>FC-9561 STREETCAR</b>	1 Bidder				
	# OF BIDDERS	UNDER BUDGET	LOW BID	HIGH BID	BID DIFFERENTIAL
<b>CHILDRESS BRIDGE</b>	3	YES	\$2,358,552.55	\$3,473,753.09	\$1,115,200.54
<b>POWERS FERRY BRIDGE</b>	2	NO	\$2,422,178.00	\$2,779,037.00	\$356,859.00

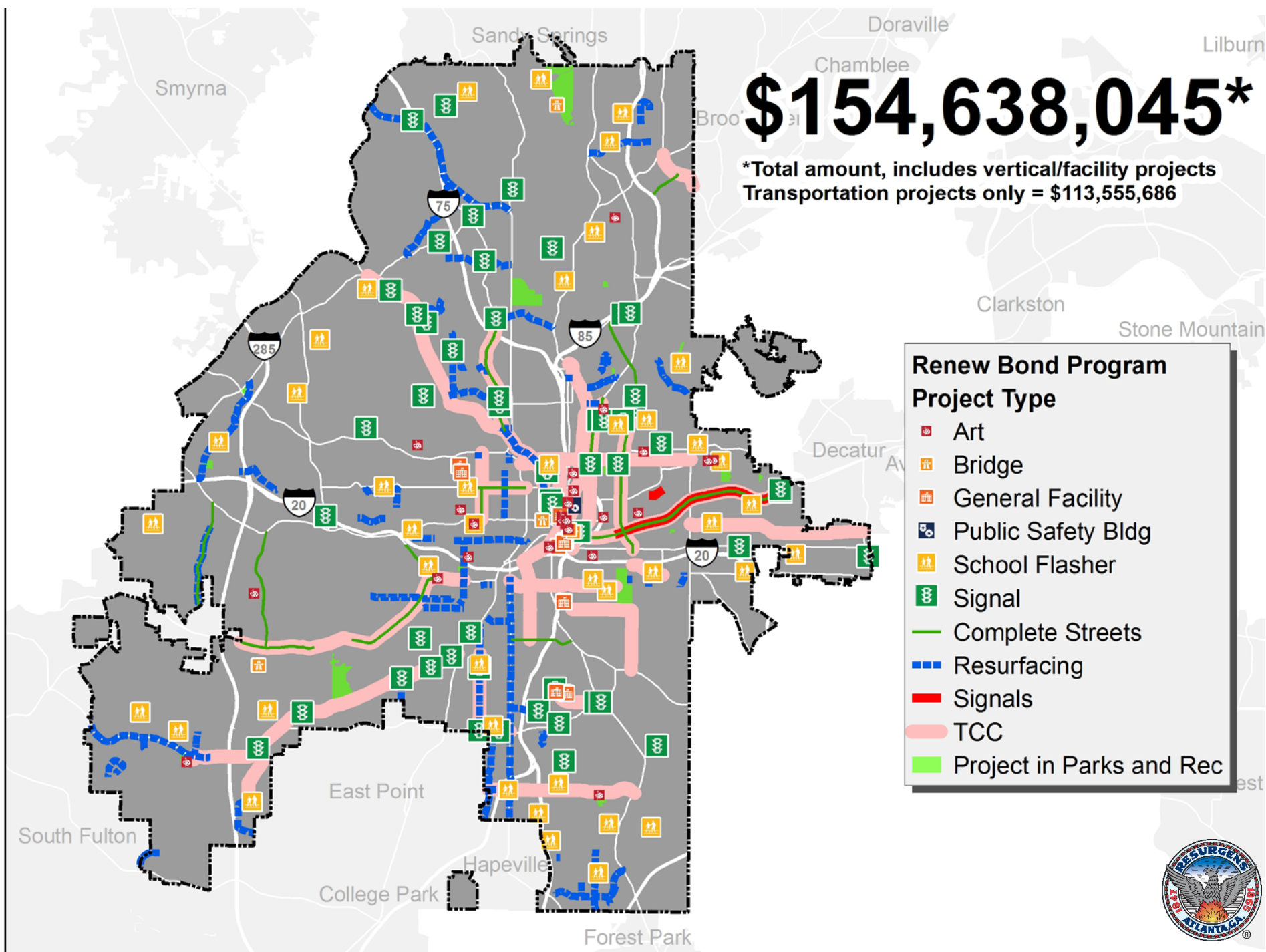
# Resurfacing Projects: Completed + Under Contract + Planned



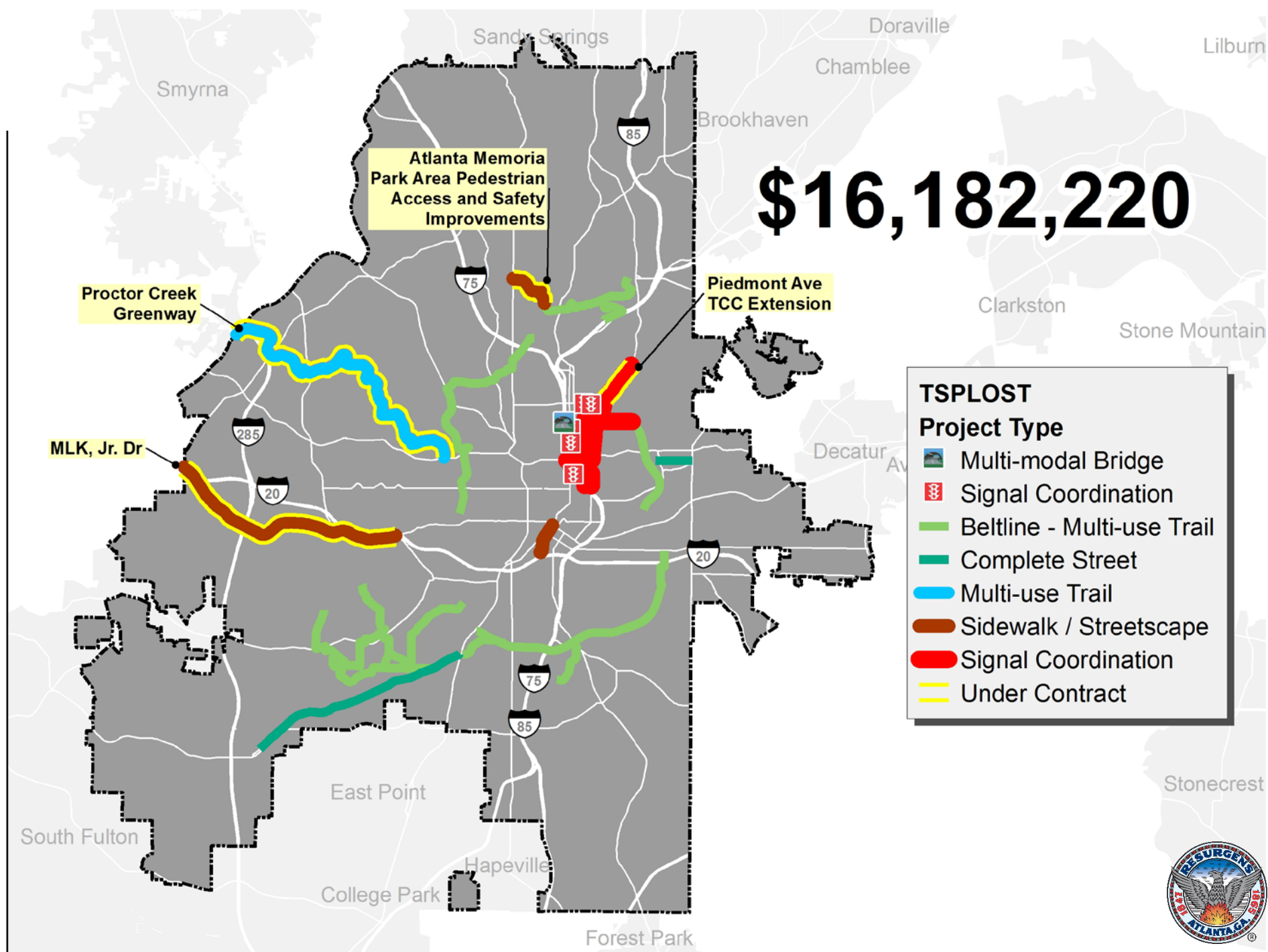
# Citywide: Bond Projects Under Contract

# \$154,638,045\*

\*Total amount, includes vertical/facility projects  
Transportation projects only = \$113,555,686



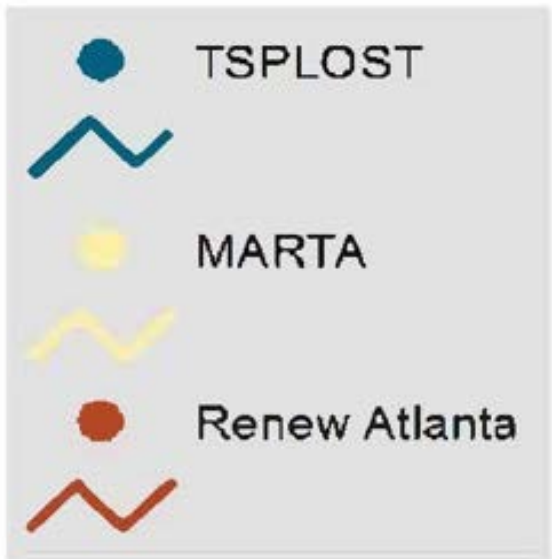
# TSPLOST Projects: Under Contract



- 94% OF THE CITY'S POPULATION

- 98% OF THE CITY'S EMPLOYMENT

*Within .5 mile of a project*



## A STORY OF CONNECTIVITY

### Renew Atlanta, TSPLOST & MARTA Projects

