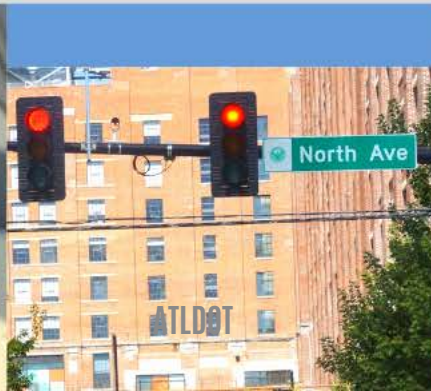




Transportation Committee Update

Mayor Keisha Lance Bottoms
Commissioner Josh E. Rowan, PE

December 2020



PRESENTATION OUTLINE

- Safety Moment
- ATLDOT Update
- Safety is Our Business
- Renew Atlanta-TSPLOST Update
- TIM Update
- What's Next?



Safety Moment



10-15 MPH

Driver's peripheral vision
Stopping distance
Crash risk



40+ MPH

Driver's peripheral vision
Stopping distance
Crash risk





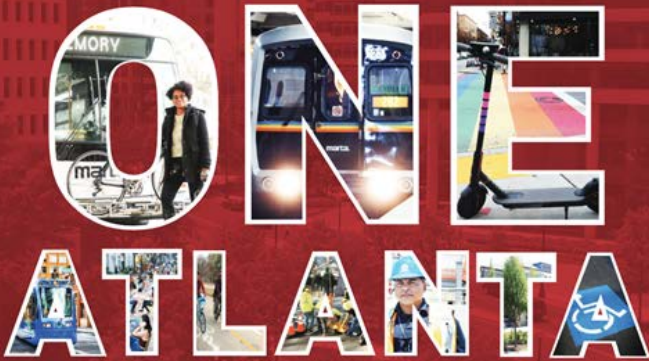
ATLDOT UPDATE



One Atlanta: Strategic Transportation Plan



NOVEMBER 2019



Strategic Transportation Plan

MAYOR KEISHA LANCE BOTTOMS



ABOUT THIS PLAN

Whether redefining our transportation system, building a more affordable city or crafting new strategies for diversity and inclusion, we are always striving to become One Atlanta, where everyone has the opportunity to compete and succeed.

The Strategic Plan for Transportation is organized around the Mayor's One Atlanta pillars. Each chapter explains the City's goals and strategies for achieving each goal. The benchmarks section (pages 44 - 79) outlines one- and three-year milestones for each strategy, both to guide the City's work and ensure accountability.



A SAFE, WELCOMING & INCLUSIVE CITY

- Develop a Vision Zero program for Atlanta
- Take every opportunity to make Atlanta's streets safer
- Reduce injuries and fatalities on Atlanta's streets
- Use data to guide Vision Zero street safety interventions
- Develop a safety education and messaging strategy
- Make walking safer and more pleasant
- Make bicycling and micromobility safe transportation options for more Atlantans

THRIVING NEIGHBORHOODS, COMMUNITIES & BUSINESSES

- Build a 21st century transit network for Atlanta
- Manage public parking to balance the diverse needs of Atlanta's merchants, commuters and residents
- Leverage technology and partnerships to better manage congestion
- Make it easier to access jobs and services without a car
- Implement neighborhood-focused interventions that make our communities safer and more vibrant
- Improve the movement of goods through the city

WORLD CLASS EMPLOYEES, INFRASTRUCTURE & SERVICES

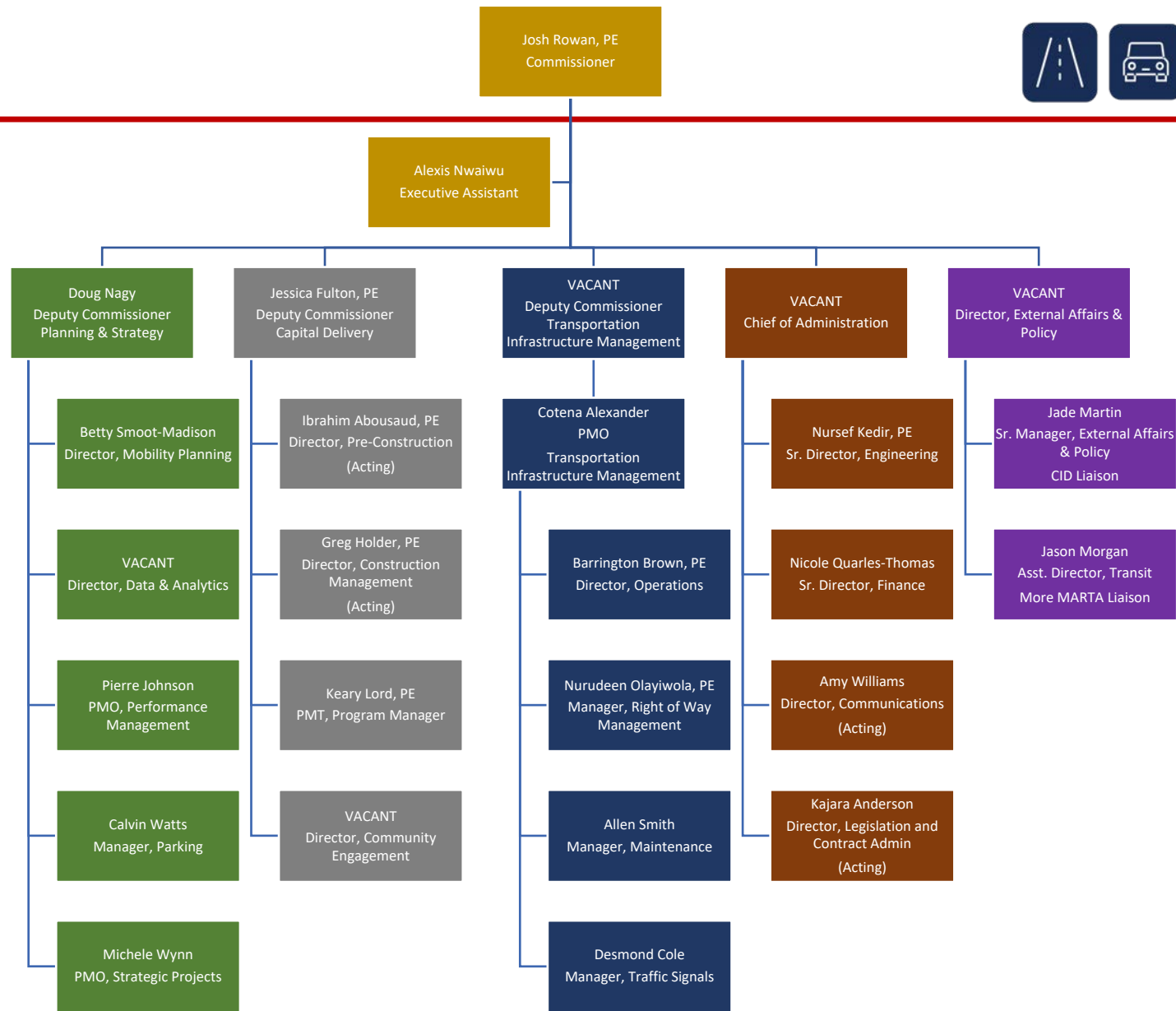
- Improve the condition and maintenance of Atlanta's roads
- Make ATLDOT a great place to work
- Recruit a talented and diverse workforce
- Enhance employee safety
- Improve workplace culture and support innovation
- Bring all transportation assets into a state of good repair
- Improve street lighting throughout the city
- Improve the City's response to emergencies

ETHICAL, TRANSPARENT & FISCALLY RESPONSIBLE GOVERNMENT

- Plan and distribute resources based on equity, safety and conditions
- Deliver transportation projects faster and more efficiently
- Strengthen regional and local partnerships
- Use innovative tools and methods to communicate with and engage the public
- Make city contracts more competitive and consistent
- Improve departmental coordination of work in the city right of way



ATLDOT Org Chart





Safety Is Our Business



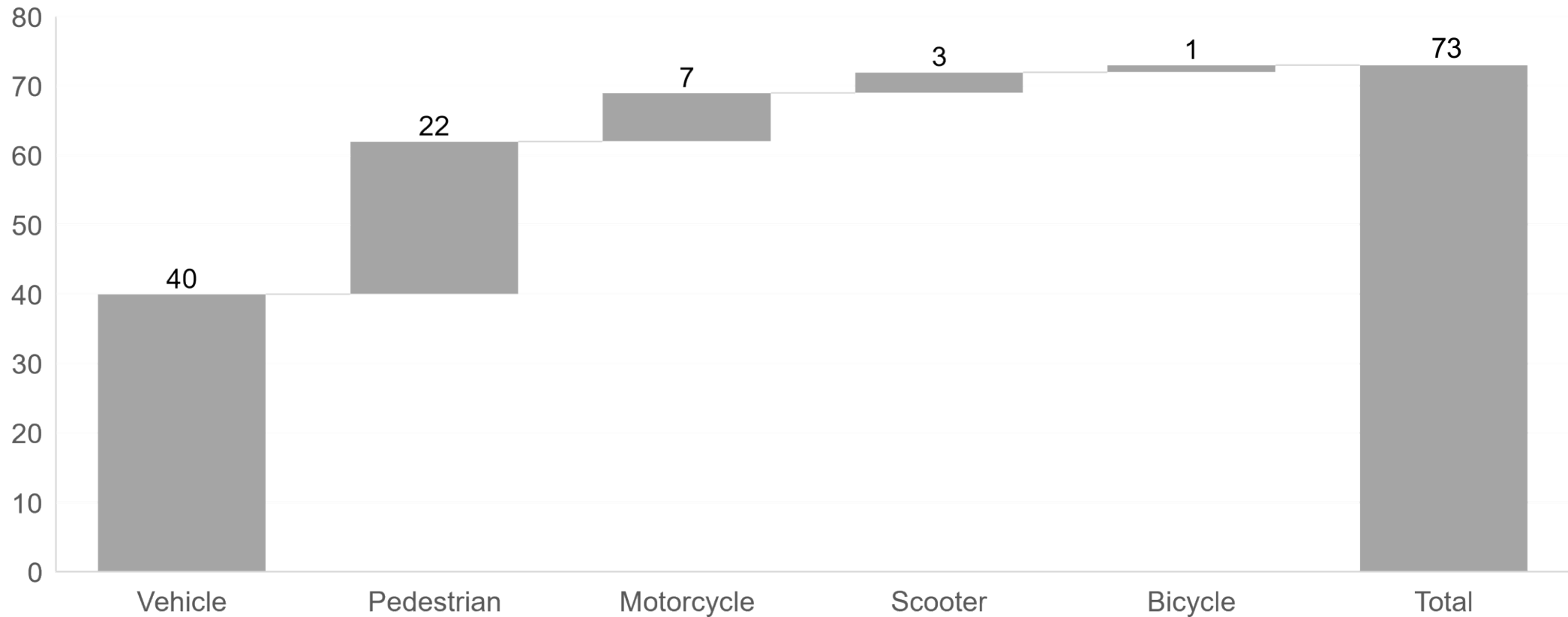
Our Why.....



In 2019 alone, 73 people died on Atlanta's streets including 22 pedestrians, 3 scooter riders and a cyclist



Traffic Deaths in Atlanta January-Present 2019



Source: APD





Lowering Speed Limits



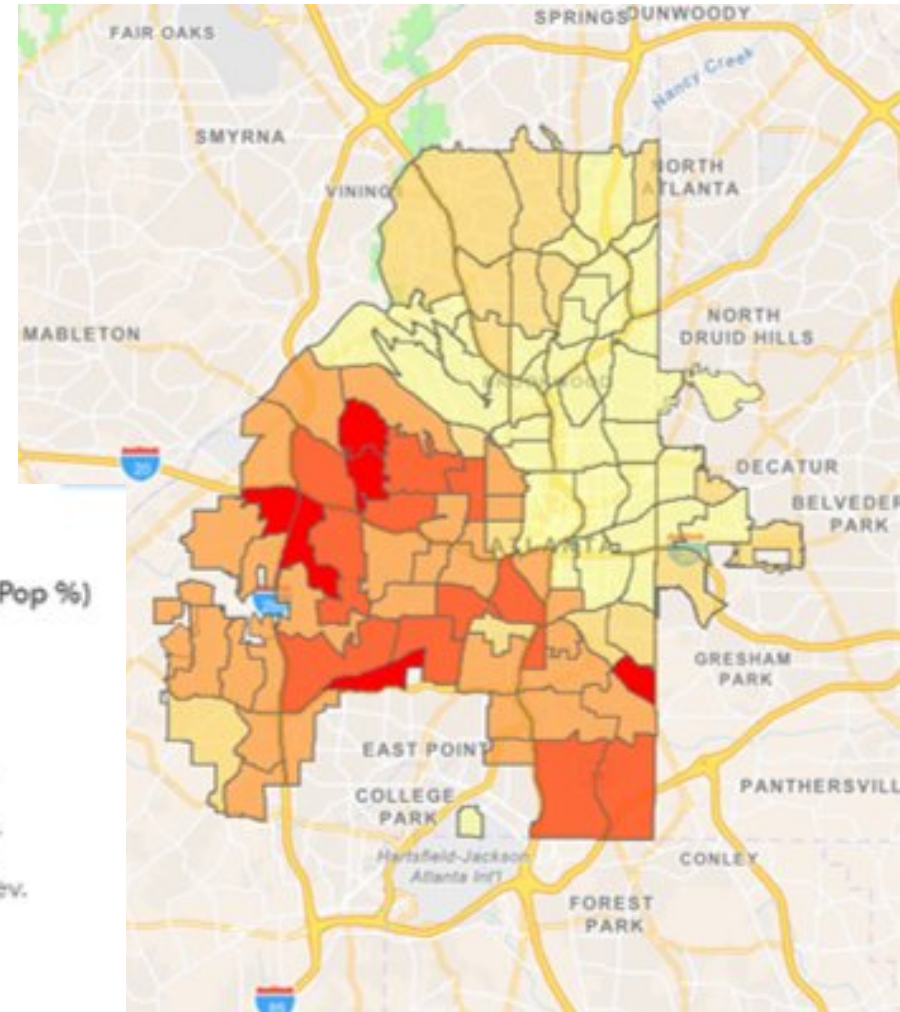
Atlanta is a Vision Zero city!



Vision Zero processes, strategies and outcomes must serve all, particularly vulnerable and underserved populations.

- Data Indicators included:

- No vehicle access
- % School-age children, seniors, disabled persons
- No health insurance
- Transit ridership
- Race
- Single-parent households
- Income




By August 2020, 40 people had been killed on Atlanta's streets due to traffic crashes and this number was steady rising.

AJC
Atlanta News Now

ews Politics Local Investigations Coronavirus Opinion Things To Do Food Life Sports

It's worth knowing what's really going on. [Subscribe](#)

Teen, 3-month-old killed after GSP chase, multicar crash in Midtown



John Spink/ajc.com

'Catastrophic damages': Escaping hit-and-run suspect kills 74-year-old in second crash

Authorities say the suspect crossed a double-yellow line hitting the victim's truck - and killing them both.



AJC
Atlanta News Now

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59° Log In

'It rips your heart out': Woman hit, killed by suspect driving stolen car



Credit: Phil Skinner

Police say pedestrian killed by hit-and-run driver

Atlanta Police are investigating the incident on Donald Lee Hollowell Parkway, N.W.



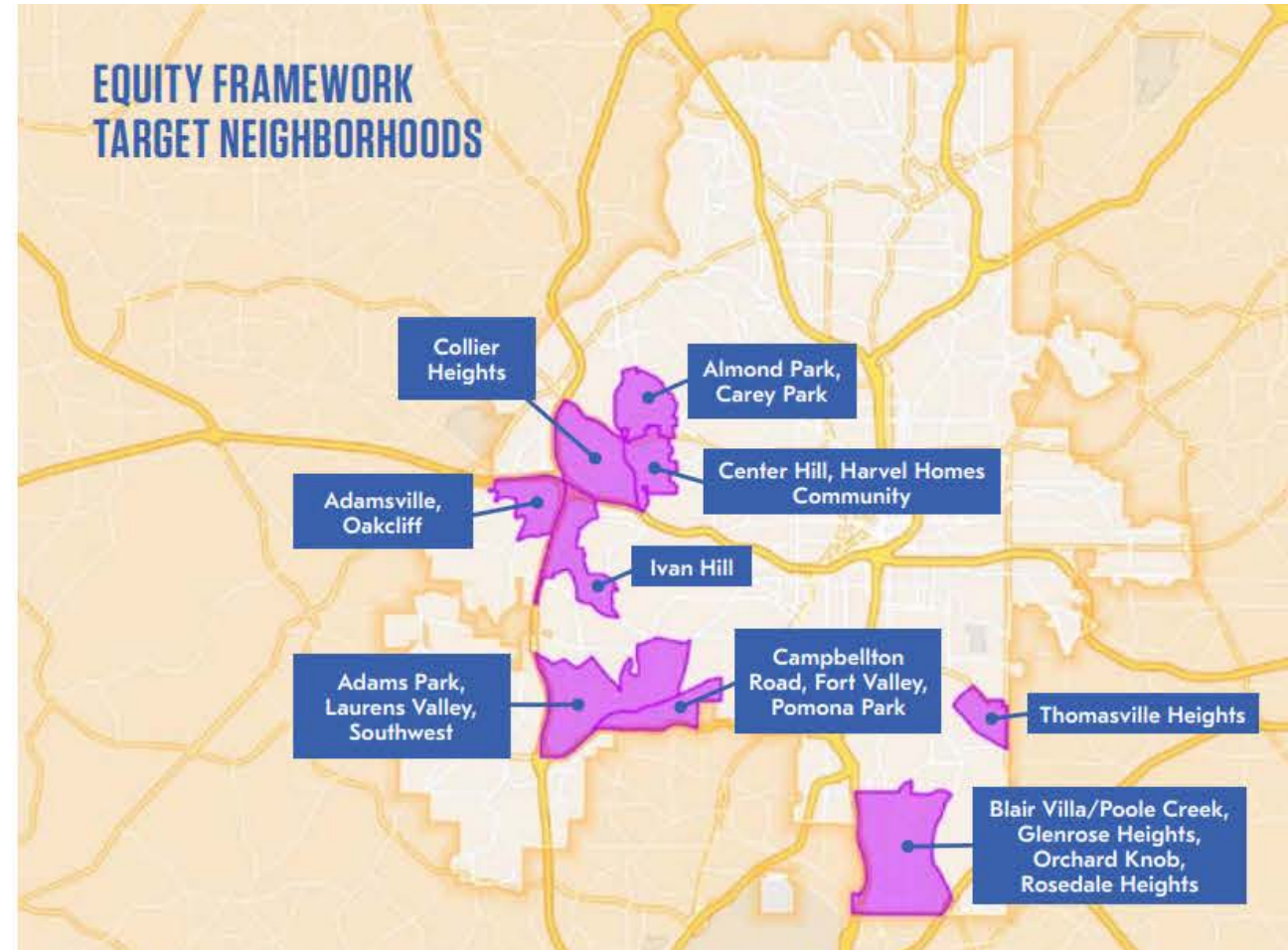
Policy - Speed Reduction

- ATLDOT has deployed barricades at locations to deter burnouts and street racing
- Lowered speed limits on multiple corridors, including
 - Marietta Boulevard
 - Hosea Williams Dr
 - More to come in 2021 (delays due to contract procurement)



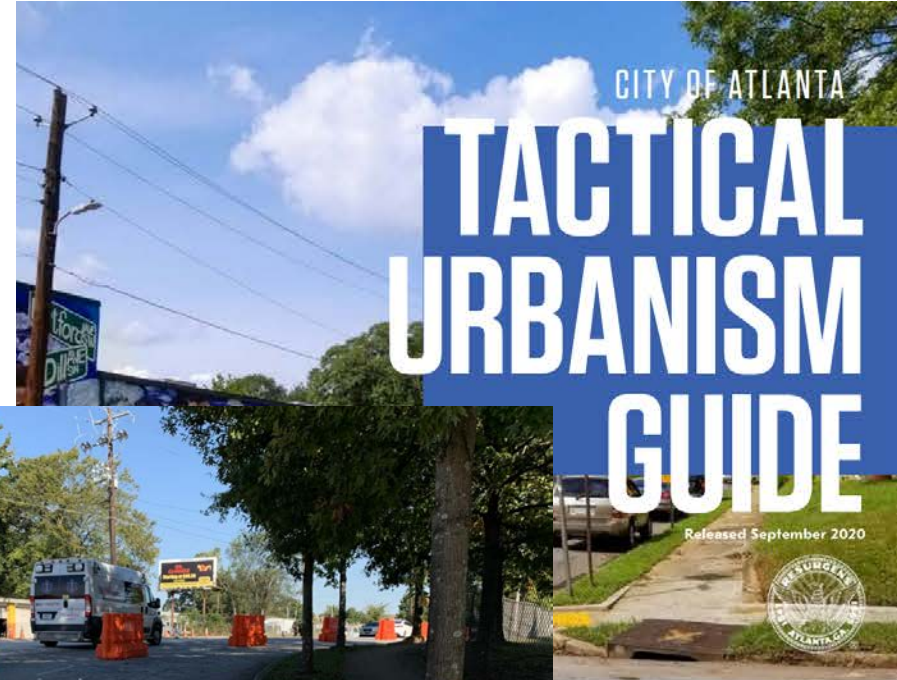
Equity continues to be a priority for our Vision Zero work

- Tailored engagement with vulnerable communities
- Partnerships with local non-profits and community-based organizations
- Prioritization in project selections and resource allocation



Engineering - Physical Changes

- Traffic Calming Playbook – under development
- Tactical Urbanism Guide – Released October 2020
- Safer Streets Projects – over 10 miles of active bike lane projects currently in design or construction (planning underway for phase II)



Next for Vision Zero

- Development of the city's first Vision Zero Action Plan initiating early 2021!
- Working with CMs with unallocated Renew funds to identify and prioritize potential projects.





Traffic Calming Playbook

- Narrow is SLOW
- SLOW is good.



Enforcement - A Big Challenge



- Less Dependence on APD
- Cameras and LPRs
- Speed Enforcement
- Connected Vehicle Implementation (CV2X)



On-going Priorities



Policy Development:

- Equity Framework (Communities of Concern)
- VZ Action Plan (ARC TIP funded – Initiating early 2021)
- Tactical Urbanism Guide (to be released Sept/Oct 2020)
- Traffic Calming Toolkit – Focus on Collectors/Arterials
- Project Prioritization Modeling

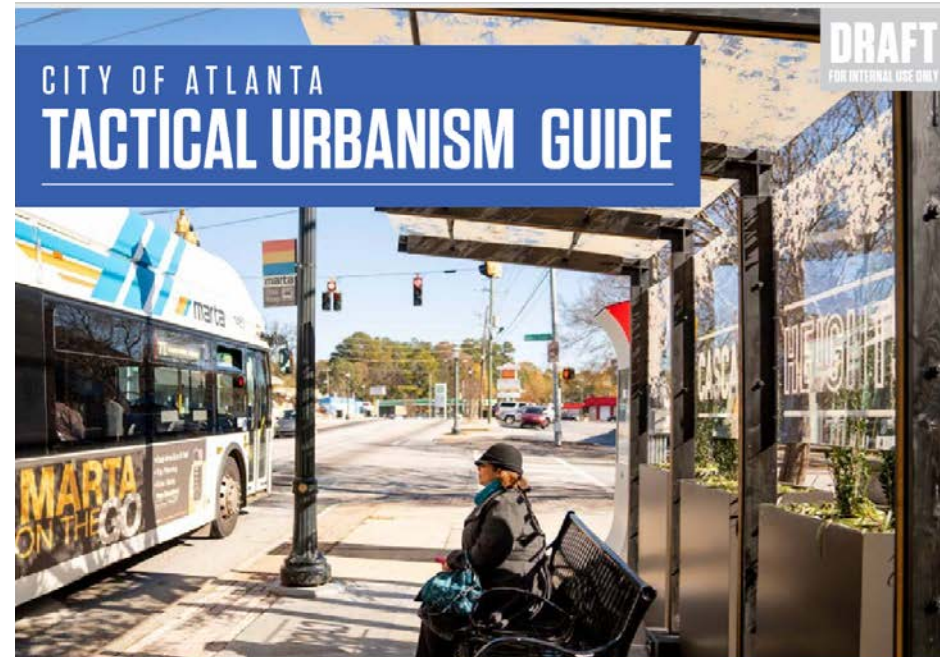
Street Design:

- Safer Streets Action Plan implementation

Enforcement:

- Evaluating Pilot automated enforcement program

COMING SOON





Renew Atlanta-TSPLOST Update



Program Budget Update



FY20 Proposed Operating Budget: N/A
Renew Atlanta Bond: \$250M | TSPLOST Revenue: \$260M
Bond Premium: \$7.6M | Other: \$28.9M

Program Budget¹

Renew Bond:	\$250M
Bond Premium:	\$7.6M
TSPLOST:	\$260M ²
Other:	\$28.9M

TOTAL: \$546.5M



TSPLOST Revenue Collections

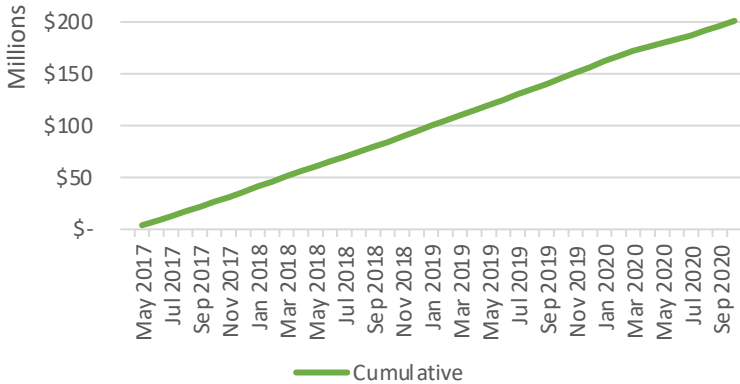


Collection Summary

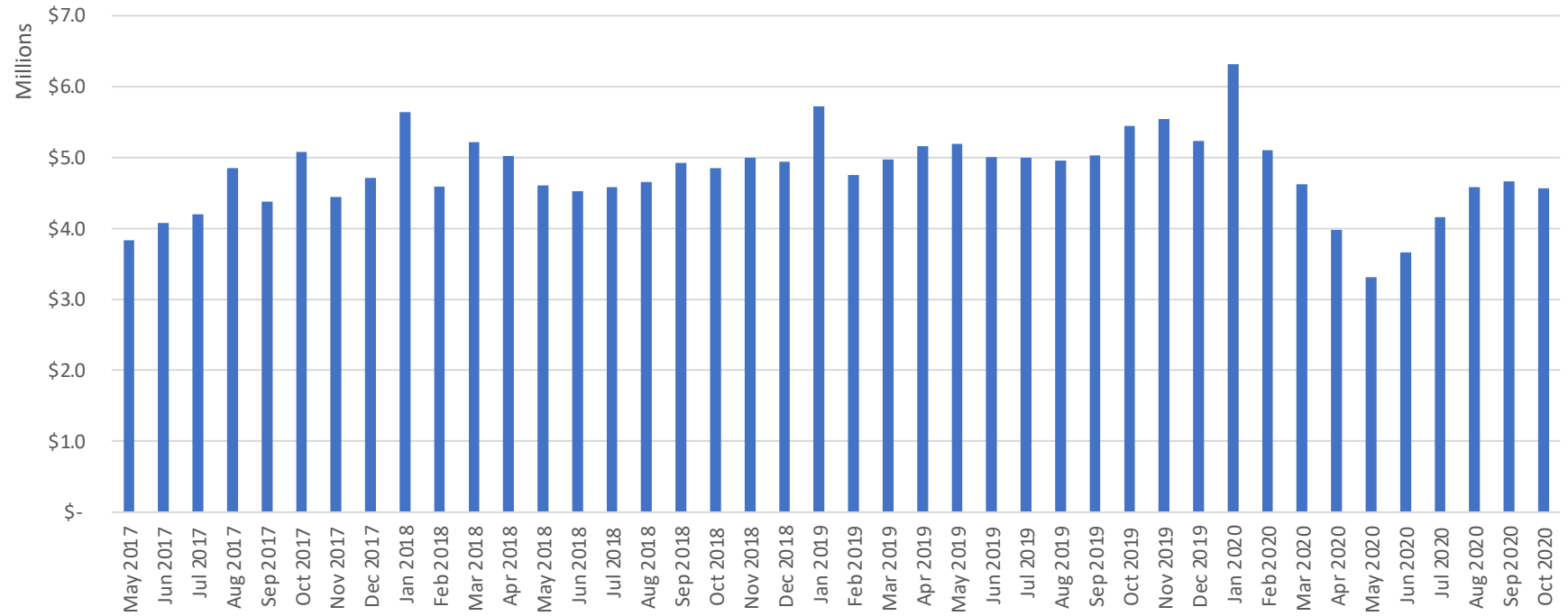
Goal: \$260.0M
Collections: \$201.1M
Remaining to Goal: \$58.9M

*Collections thru October 2020

Cumulative TSPLOST Revenue



Monthly TSPLOST Revenue

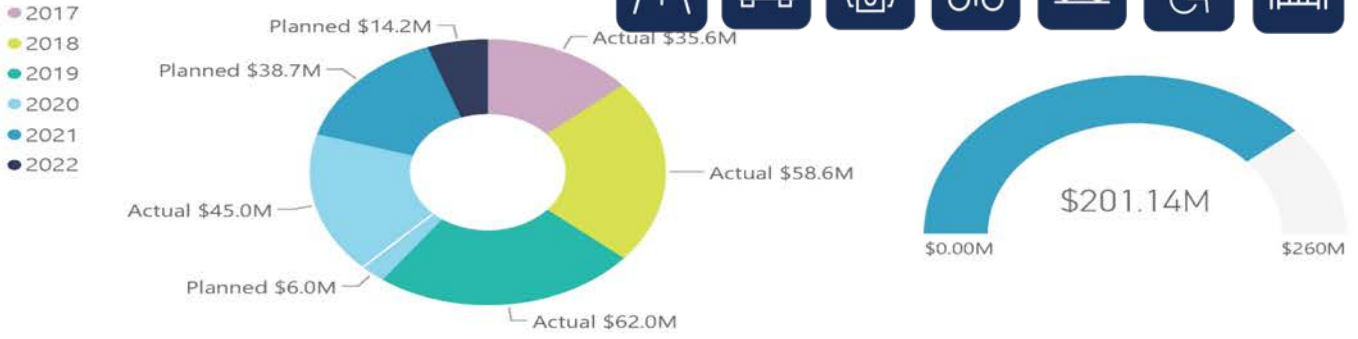


Collections Narrative

The program saw the effects of this pandemic during the 2020 Q2 TSPLOST collections, where collections were 29% lower than the 2019 monthly average. Our initial collections reforecast included an expected 50% decrease of the 2019 average before slowly recovering, which resulted in a \$4.5M shortfall. During 2020 Q3, collections steadily rose to an average of \$4.5M, 11% below the 2019 average. However, according to the National Association for Business Economists, while growth is expected to continue, "The road ahead for the U.S. economy looks rockier now than it did in June." Despite the steady rise in Q3, this projection continues to maintain our 50% decrease in collections, and results in actual collections achieving the Program's baseline total of \$260M. Collections will continue to be monitored and projections updated as revenue collections continue and more economic data becomes available.

<https://www.marketwatch.com/story/economists-growing-less-optimistic-about-outlook-for-u-s-economy-11601874520#:~:text=For%20all%20of%20this%20year,the%20last%20survey%20in%20June.&text=Economist%20forecast%20growth%20at%20a%2025%25%20rate%20in%20the%20third%20quarter.>

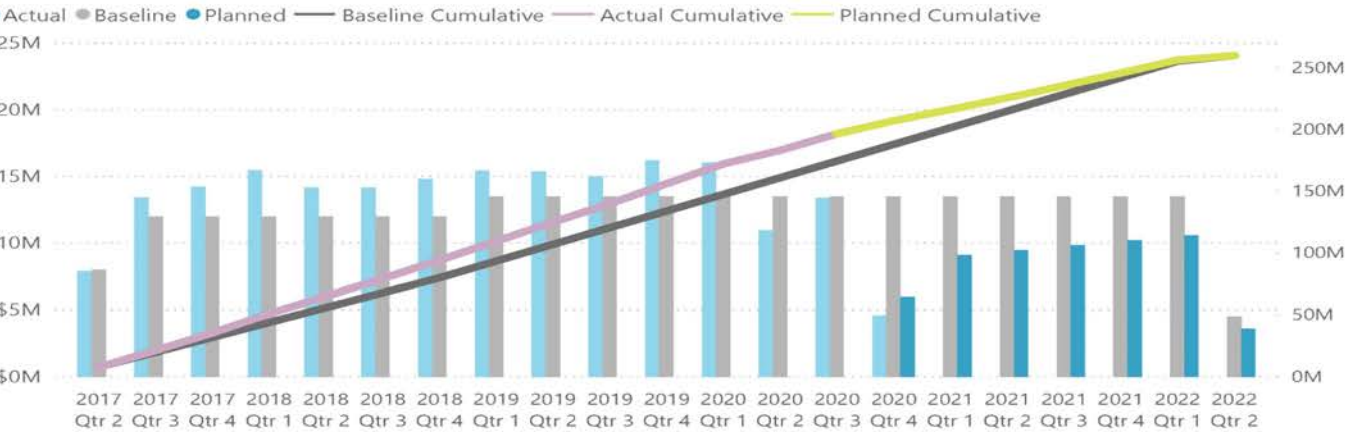
Actual and Planned Collections



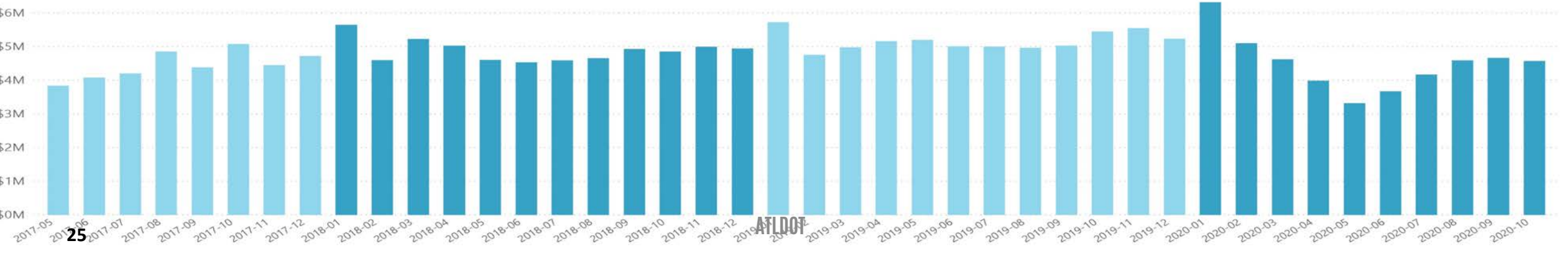
Collections by Year

Year	Baseline	Actual	Planned	Planned + Actual
2017	\$32,000,000	\$35,579,014		\$35,579,014
2018	\$48,000,000	\$58,568,090		\$58,568,090
2019	\$54,000,000	\$62,019,404		\$62,019,404
2020	\$54,000,000	\$44,974,072	\$6,000,000	\$50,974,072
2021	\$54,000,000		\$38,672,682	\$38,672,681
2022	\$18,000,000		\$14,186,739	\$14,186,739
Total	\$260,000,000	\$201,140,580	\$58,859,421	\$260,000,000

Baseline, Actual, and Planned Collections



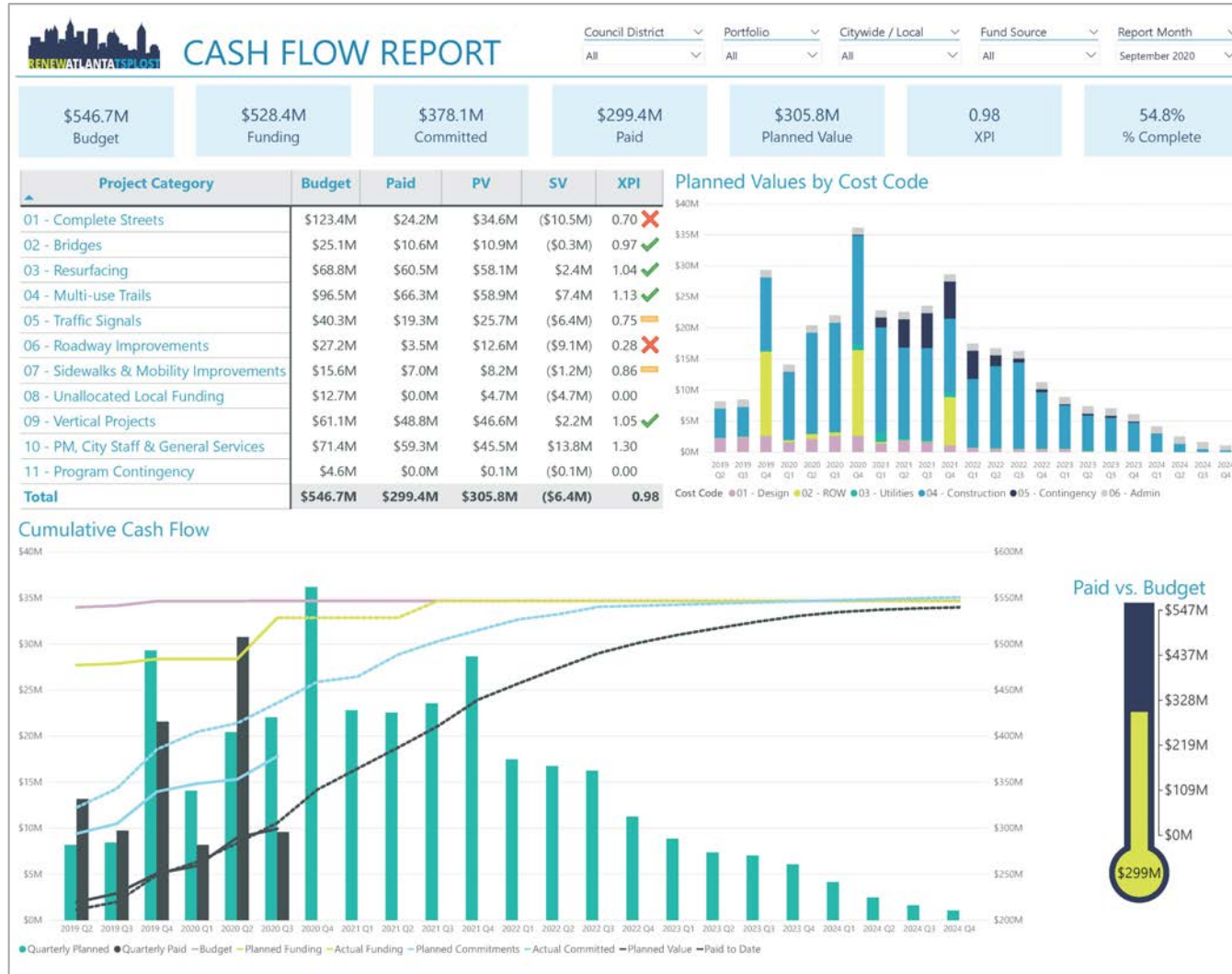
Actual TSPLOST Collections



Program Quarterly Report



Cash Flow Report



Program Delivery Optimization



Our Process



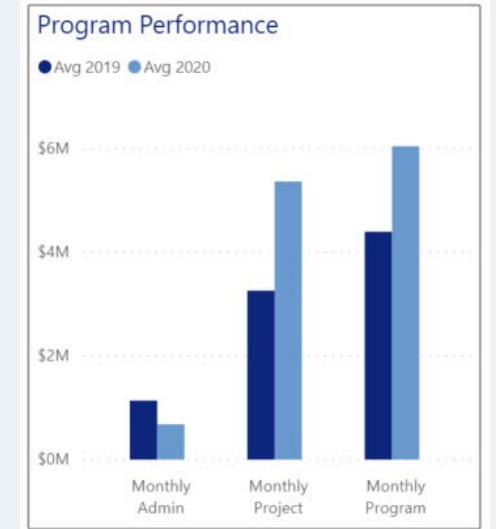
Our Achievements

- 40.2% Reduction in Admin Costs
- 64.7% Increase in Project Performance
- 175.2% Increase in Program Efficiency
- 48.0% More Efficient compared to Industry Standard defined in 2019 Audit
- 2 ACEC Awards Earned for Program Management (National Award & Georgia State Award)

Our Cost Data

Category	Avg 2019	Avg 2020	% Change
Monthly Admin	\$1,137,978	\$680,935	-40.16%
Monthly Project	\$3,259,842	\$5,368,160	64.68%
Monthly Program	\$4,397,820	\$6,049,095	37.55%

Category	Avg 2019	Avg 2020	% Change
Efficiency Factor	2.86	7.88	175.21%



Note: Data analyzed over a 4-month period in 2020 relative to same period in 2019, prior to the implementation of staff reductions and organizational changes.

Program Efficiency Objectives



Cost Savings, Risk Mitigation, and Opportunity Techniques



* Leveraged funding managed by the program that is in addition to the \$250M Bond and estimated \$260M TSPLOST.
 ** External partnership funding supporting program projects.



Roadway Inventory



Totals for September through November 2020:

Asphalt laid: 5,539 Tons

In Place Road Length: 9.2 lane miles

NEW sidewalks installed: 2,482 LF

Sidewalks repaired: 2,261 LF

ADA Ramps installed – 48

New bike lanes: 0.3 miles

New Curb & Gutter: 852 LF

Granite Curb: 1,338 LF





Transportation Infrastructure Management (TIM)



Structure of Transportation Infrastructure Management



Transportation Infrastructure Management

Roadway Maintenance

- Pothole Repair
- Point Repair
- Graffiti Removal
- Shape and Gravel
- Obstruction in the ROW
- Bridge Repairs
- ADA Installation
- Concrete / Sidewalk Repair

Signs and Markings

- Emergency/Non-Emergency Sign Repair
- Street Name Signs
- MUTCD/Specialty/Warning Signs
- Markings for Preferential Lanes
- Pavement Curb Markings
- Colored Pavements markings
- Traffic Study

Traffic Signals and Streetlights

- Emergency/Non-Emergency Signal Repair
- Minor Street Light Repair
- Street Light Bulb Replacement
- Wire and Pole Repair
- Atlanta Traffic Control Center (ATCC)

ROW Management and Inspections

- Engineering Services
- ROW Inspections
- ROW Permits
- ROW Agreements





- 206 employees
- 12 Six Sigma Green Belts
- 1 Six Sigma Black Belt
- 25 Engineers including 6 Professional Engineer (PE)
- 4 Certified Project Management Professional
- 1 Law Degree





1

Overview of Transportation Infrastructure Management (TIM)

2

Overview of autumn special operations & winter readiness

3

Deep dive into performance metrics by area

4

Questions & Answers



Fix-IT Operation Clean-Sweep



	Status	Current Week	Previous Week	Campaign Total 9/14/20 to 11/14/20
Illegal Dumping		376 SR 401.1 tons of debris	15 SR 150 tons of debris	1,120 SR 1,222.04 tons of debris
De-litter and Cut		54 SR 2.4 miles cut	20 SR 0.8 miles cut	553 SR 48.5 miles cut
Bulk Collections		1000 SR 388.9 tons of debris	1047 SR 299 tons of debris	10,084 SR 3090.34 tons of debris
Illegal Signs Removal		695 signs removed	506 signs removed	3,992 signs removed



Dargan Pl. SW



Medians clean-up on MLK

Autumn Special Events

550 Trees down in the ROW as a result of Zeta



Winter Preparedness



Internal Coordination

- Deputy Director of Emergency Preparedness added to the department
- Coordination with key stakeholder city departments
 - Participated in the development of the Tropical Storm/Hurricane Inter-departmental Approach (P&R, ATLDOT, DPW, DWM) July 2020



Winter Weather Preparedness and Response

- Established department command and coordination structure and identification of leads for each role
- Developed and conducted winter weather planning conference virtually
- Conducted three Dry Runs with enhanced COVID-19 safety measures
- Hurricane Sally (9/14-9/18)
 - Performed preventative storm drain clearing adjacent to flood prone bridges
 - Responded to 22 downed/flash signals
 - Maintained readiness posture
- Started department Snow and Ice Response Plan update

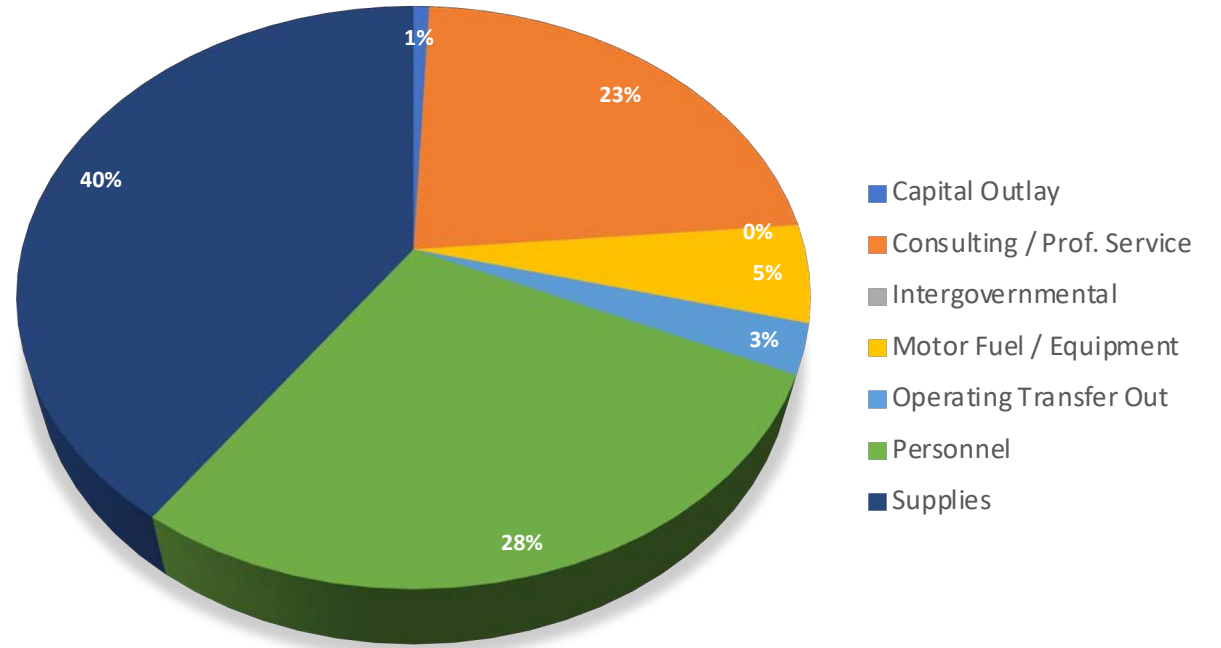
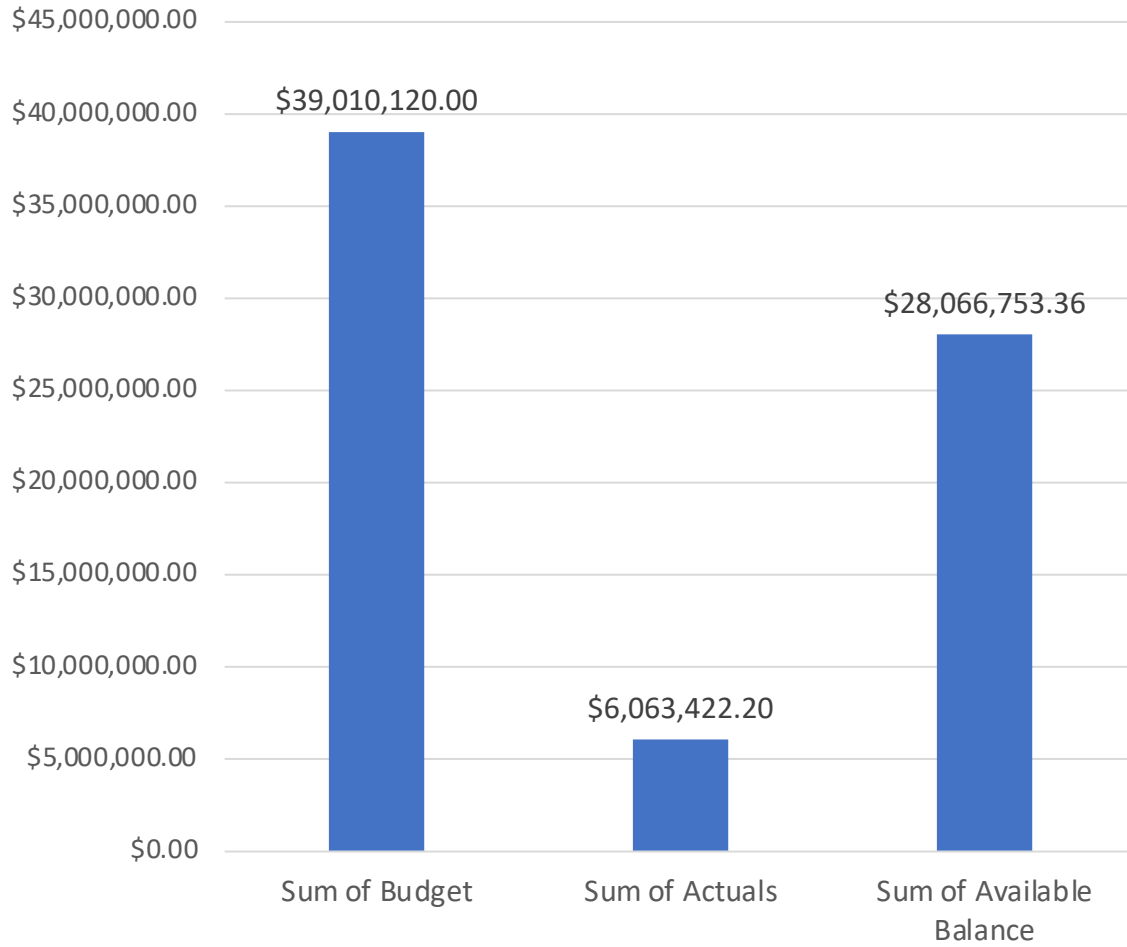


Training and Exercises

- Implementation (first phase) of NIMS/ICS courses for leadership team
- Facilitated chainsaw training for team members in preparation for hurricane/tropical storm season
- WebEOC training for data analysts who support response operations
- Continued identification of departmental emergency preparedness training needs.



Office of TIM Budget



	Sum of Budget	Sum of Actuals	Sum of Available Balance
Capital Outlay	\$ 290,672.00	\$ 24,636.30	\$ (311,817.86)
Consulting / Prof. Service	\$ 8,915,656.94	\$ (522,044.77)	\$ 6,978,452.32
Intergovernmental	\$ 6,309.80	\$ 21,230.04	\$ (14,920.24)
Motor Fuel / Equipment	\$ 2,110,200.00	\$ 485,116.02	\$ 1,625,083.98
Operating Transfer Out	\$ 1,074,784.00		\$ 1,074,784.00
Personnel	\$ 10,921,842.00	\$ 3,685,569.02	\$ 7,236,272.98
Supplies	\$ 15,690,655.26	\$ 2,368,915.59	\$ 11,478,898.18
Grand Total	\$ 39,010,120.00	\$ 6,063,422.20	\$ 28,066,753.36



Signs and Street Markings



100,000

Installed Signs



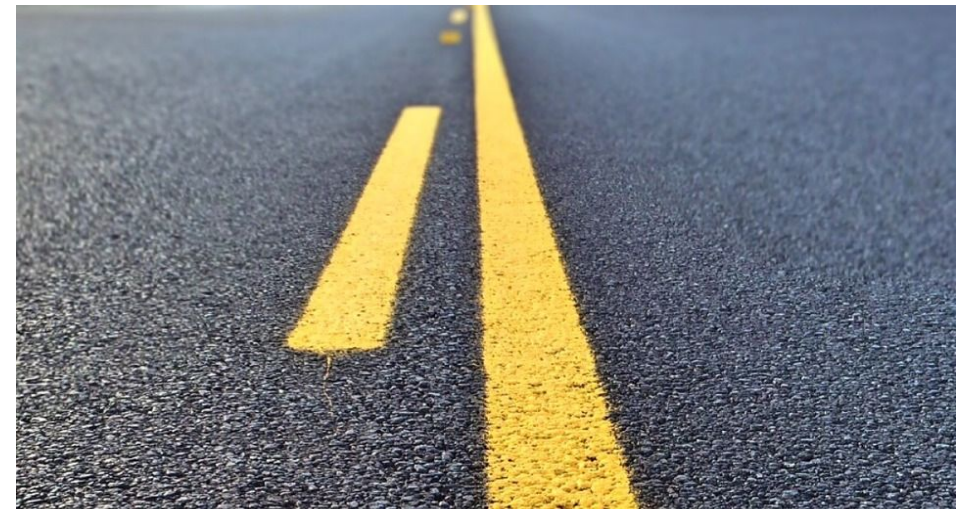
Key Accomplishments

- Repaired or Replaced **663** sign and continue ensure that replacement signs meet MUTCD retro-reflectivity requirements
- Completed **227** street markings projects



Look Ahead

- Actively recruiting to hire installation chief
- Traffic speed table and thermoplastic striping contract is out for bid
- Awaiting execution with GCI to fabricate signs
- Develop Sign Replacement Inventory Strategy from 3M sign inventory project



Roadway Maintenance



2565

Miles of
Installed
Sidewalk



4500

Miles of
Roadway



269

Bridges



Key Accomplishments

- Implemented temporary traffic calming measures in street racing prone areas via barricade fortification (Edgewood Ave, Castleberry Hill, Chastain Conservancy)
- Collaborated with SWS to Launch Operation Clean Sweep
- Removed over 90 down trees from the right of way to assist Forestry Department during Tropical Storm Zeta
- Continued to provide essential maintenance services such as pothole, sidewalk, bridge and unpaved road repair during COVID-19 pandemic
- Repaired **652** Potholes
- Repaired **26** Point Repairs
- Installed **98,245** Sq. Ft. of shape and gravel
- **1,304** Bridge maintenance repairs
- **11,956** Sq. Ft. of sidewalk repaired/replaced



Look Ahead

- Continued collaboration with SWS to cut ROW, Fix-It Operation Clean Sweep
- Possible winter weather events



March 20, 2017



Traffic Signals and Streetlights

Over **1,000**
Signalized Intersections
109 flashers for school zones

54,000
Installed Streetlights

Key Accomplishments

- Signal Intersections have been reconfigured with routers or fiber wiring
- On the move to modernize signal heads to LED's
- Modernize cabinets
- Grid-smart detection installed at several major intersection
- Currently undergoing Citywide detection installation
- Continuously work with RTOP to develop signal timing plans for events and evacuations.
- **1,115** traffic signal repairs
- **213** Streetlights repairs

Look Ahead

- ATLDOT is performing an assessment of all streetlight to determine needs
- Installation of automated performance matrix software
- Newly constructed traffic signals and installed streetlights are metered



ROW Management and Inspections



Over **2,500**
Permits Issued



Key Accomplishments

- Generated up to \$2.0 mil in revenue from small cell processing
- Introduced legislation for transfer of abandonment funds to be allocated in a special account
- Robust management of Qualified contractor permits with resource re-allocation
- Robust management of metal plates
- Completed Garden Hills project
- Completed Weatherby St. project
- Commenced sidewalk dining permitting
- Collaborating with planning regarding on-street dining legislation
- Franchise Permits: **1,427**
- Lane Closure: (Full Street, Sidewalk Closure Permits) **574** Applications
- Small Cell Permits: (QC and Closures) **542**



Look Ahead

- Access to all permits on-line
- Inspectors Training, Inspectors recently assigned for Qualified contractor permits
- Enhanced Collaboration w/ office of buildings

CHANGE IS HERE
You can now apply for all right-of-way permits online.

City of Atlanta Public Right-of-Way Manual

Second Edition, 2019

PLAN * PERMIT * CONSTRUCT * COMPLY

Atlanta Traffic Control Center

ATCC Responsibilities Capabilities

- Monitoring of APD cameras but with no control.
- Monitor and report incidents on signalized intersections of State Routes intersecting with City Routes via Navigator.
- Monitor and report malfunctions of school flashers.
- Update City signals inventory through TEAMS application.
- Monitor and maintain Preemption system “Glance”.
- Monitor and report signals in flash to signal shop.
- Monitor and maintain communication of signalized intersections.
- Run action sets during State Farm events and work with GDOT to maintain signals operation during MBS events.
- Meet with RTOP Managers to discuss signals status under RTOP.

Look Ahead

- Renew Atlanta has multiple projects to connect intersections to City Hall via fiber scheduled to complete by 2022
- System upgrades; install ATLDOT Maxview Server
- TRAFFOP Software installed at both the State TMC and ATL-ATCC to give us real time performance metrics of the signalized locations





WHAT'S NEXT?



What's next for ATLDOT?



- Sidewalk analysis by geographic area continued
- Establishment of performance management KPIs by department function
- Continued development of financing strategy for state of good repair
- Continued implementation of Vision Zero strategies
- Entering construction phase for Renew Atlanta-TSPLOST complete streets projects
- Assessing opportunities to expand in-house capabilities
- Assessing opportunities to expand operational construction resources



Upcoming Construction



Complete Streets

- Howell Mill Complete Street
- 5th Street Complete Street
- Fairburn Road Complete Street
- J E Lowery Boulevard Complete Street
- **Cascade Rd Complete Street***
- RD Abernathy Blvd Complete Street
- Piedmont Ave Complete Street
- Juniper Complete Street
- W. Peachtree St. & Spring St. QB Complete Street



Roadway Improvements

- **Inman Park Neighborhood Improvements***
- Piedmont Road Capacity Improvement
- **Dekalb Ave Safety Improvements***
- Peachtree Corridor Multimodal Phase 3
- **LMIG Resurfacing***



Multi-Use Trails

- **Unpaved Roads***
- **South Fork Conservancy Trail Pedestrian Bridge***
- Eastside Trolley Greenway Trail



Traffic Signals

- **Citywide ITS/Signal***
- Traffic Combo 4
- Traffic Combo 1
- Peachtree Street TCC
- Piedmont Ave TCC Extension
- North Highland Ave Pedestrian Safety
- Piedmont Ave Pedestrian Safety
- Howell Mill Road @ Moores Mill Rd Intersection Improvements
- Moores Mill Rd @ West Wesley Rd Intersection Improvements
- **Midtown Atlanta Regional Activity Center***
- Midtown Traffic Signals



Sidewalk and Mobility Improvements

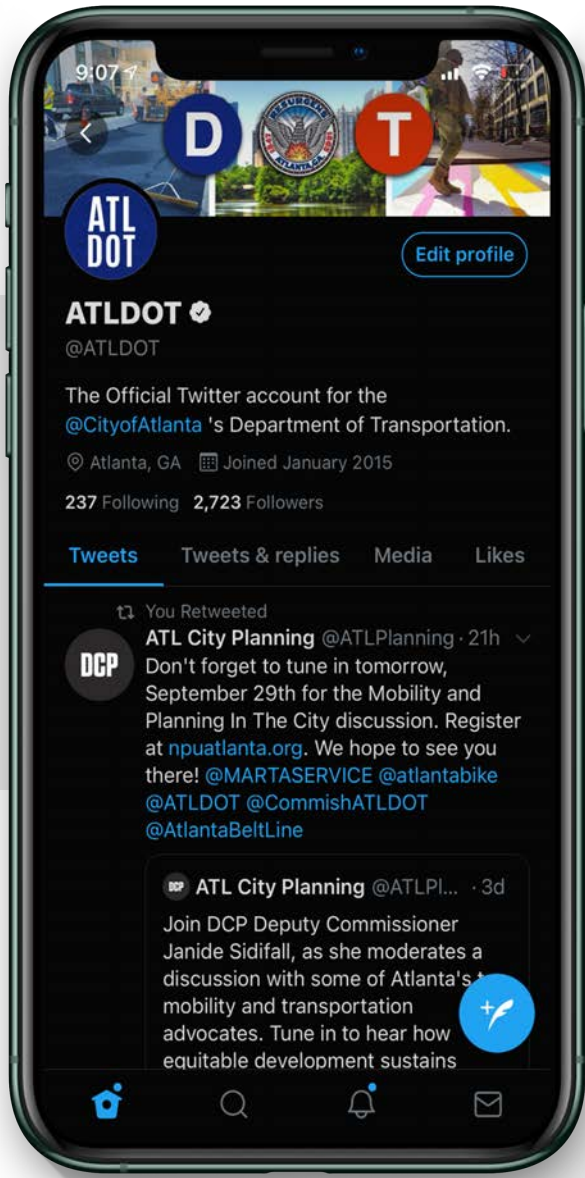
- **Little 5 Points CID Improvements***
- **West Wieuca PATH***
- **CDBG Sidewalks***
- Midtown CID ADA Sidewalk Repairs
- North Avenue & Somerset Terrace Pedestrian Beacon
- Memorial Drive Sidewalk Improvements
- Deering Road Sidewalks
- Broad Street Boardwalk

* Construction Package with Procurement

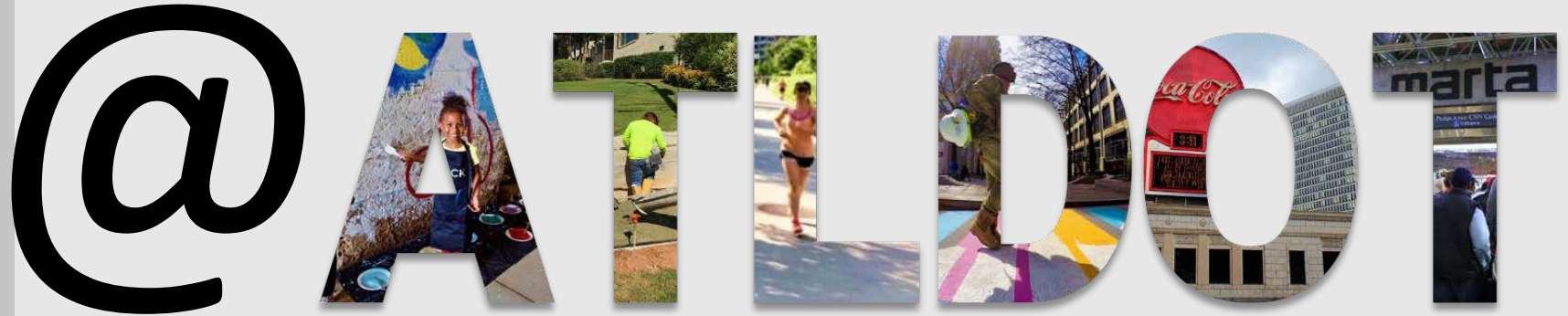


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“The greatest danger in times of turbulence is not the turbulence; it is to act with yesterday’s logic.” – Peter Drucker

