



2018

INFRASTRUCTURE
AND PUBLIC SERVICES
ANNUAL REPORT





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MESSAGE FROM THE DIRECTOR



The City of Tuscaloosa Infrastructure and Public Services department strives to provide Tuscaloosa citizens and visitors with exceptional service and experiences. In 2018, working together, the department completed over \$33 million of capital improvements in the City, facilitated over \$9.8 million in contracts to minority and disadvantaged business, replaced over 4,000 feet of sidewalks, resurfaced 36 miles of roadway, maintained 195 miles of shoreline, collected over 19,000 tons of garbage and 1,800 tons of recycling, and much more. The department was able to honor our employees' hard work in numerous ways throughout the year including allowing them to show off the skills they use each day in the field at the community friendly 1st Annual IPS Road-EO. I hope that the 2018 Infrastructure and Public Services Annual Report will provide you with a good understanding of the services and effort our department invests in the Tuscaloosa community. I speak on behalf of the entire department when I say we are proud to be a public servant and serve the citizens of Tuscaloosa.

Tera Tubbs

Executive Director, Infrastructure and Public Services



WHO WE ARE



Administration

The Administration division provides support and resources on many different levels for the four additional divisions in the Infrastructure and Public Services (IPS) department while also serving as a liaison to other City departments. Operational budgets for the IPS department and City wide capital project budgets are managed and analyzed for efficiencies to ensure a best use of resources by the Administration division. The Administration division also provides grant management, programmatic and financial, for federal, state, and local funds, personnel governance, operation of the City's MBE/DBE/WBE program, Tuscaloosa Builds, and contract compliance. In addition, safety training and awareness and employee outreach is housed in the Administration division among other things. Recently, the 311 Call Center become a facet of the Administration division. The 311 Call Center serves as a resource for up-to-date City information and common questions posed by citizens as well as the intake for citizen service requests. 311 call takers ensure that all service requests are routed to the correct City department for effective and efficient service and follow-up with citizens once their service request has been completed.

Engineering

The Engineering division of Infrastructure and Public Services (IPS) is responsible for capital project management from conception to completion. Other responsibilities include project design, assessment of infrastructure deficiencies and making corresponding recommendations, roadway safety, pedestrian, and ADA studies and recommendations, water quality and flood plain management, land surveys, operational engineering support, and construction inspection. From a private development standpoint, the Engineering division helps developers navigate the process, review and approve land development permits and plats, review development impacts, and issue right of way, utility, and sewer permits.

Infrastructure

The Infrastructure division is a multi-faceted division that provides an array of services to the Tuscaloosa area. The division is responsible for roadway repairs, maintenance of traffic signals, fiber optics cable communication network, street lights, traffic control signage and markings as well as maintaining the piping network for storm water management, flood investigation, and prevention. Establishing and maintaining landscaping, including irrigation systems, animal control, and parking control are also responsibilities. From a water standpoint, the installation, maintenance, and reading of meters, and maintenance of the piping network for delivery of water and sanitary sewer service to residential and commercial customers is provided by the Infrastructure division. The Tuscaloosa National Airport is also operated and managed by the Infrastructure division.

Logistics and Asset Management

Logistics and Asset Management helps define the current state of all City assets, delineate the critical assets, and provide the tools to each division to create efficient and effective work environments through asset management, inventory controls, and Geographic Information System (GIS). Facilities Maintenance, which maintains all City facilities, as well as Fleet, which maintains all non-police City vehicles and equipment, are housed in the Logistics and Asset Management division. Water and sewer facilities ensure that the Tuscaloosa community is supplied with an adequate amount of water, while Lake Tuscaloosa, Lake Nicol, and Harris Lake are inspected and managed to maintain a high quality of life and recreation in Tuscaloosa.

Public Services

Public Services provides garbage, trash, and recycling services for the community. In an effort to preserve our community for years to come, environmental education and resources are furnished to the community through several avenues such as recycling center tours, Household Hazardous Waste Day, and Clean Our Lakes Day. All City entertainment venues, Tuscaloosa Amphitheater, RiverMarket, The Gateway, Transportation Museum, are managed programmatically and financially in the Public Services division. On average, 125 special event permits are processed yearly; while City events such as Celebration on the River, Live at the Plaza, and the Tuscaloosa Regional Air Show are planned, managed, and implemented while being led by the Public Services division.

ENGAGE & ENTERTAIN



CITY PRODUCED EVENTS



ELEVENTH ANNUAL TREE SEEDLING GIVEAWAY

February 24

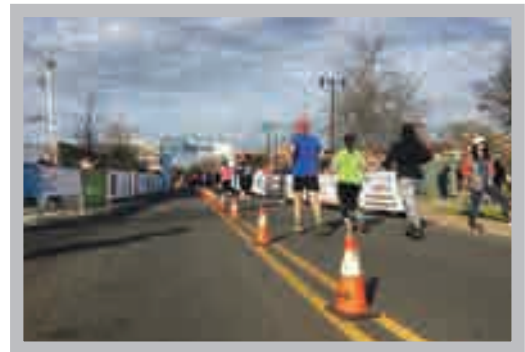
460 Participants with 5,000 seedlings given away
Tuscaloosa River Market

TWELFTH ANNUAL MAYOR'S CUP

March 24

1,146 Participants

\$25,126 Donated to the Tuscaloosa Pre-K Initiative
Government Plaza



USA TRIATHLON COLLEGIATE NATIONAL CHAMPIONSHIP

April 27 & 28

5,000 Attendees

Tuscaloosa Amphitheater

LIVE AT THE PLAZA CONCERT SERIES

Every Friday in June and July

16,000 Attendees

Government Plaza



TUSCALOOSA REGIONAL AIR SHOW

Tuscaloosa
National Airport
April 14 & 15

The City of Tuscaloosa hosted the U.S. Navy's Blue Angels on April 15, 2018 at the Tuscaloosa Regional Air Show. This marked the fifth time the Blue Angels performed at the Tuscaloosa National Airport since 2009. Performers and pilots from across the country took to the skies on Sunday, after a rain out of Saturday's show. The Public Services team planned the event for over 2 years and it took over 200 city employees to execute.



ESTIMATED 75,000 SPECTATORS



Not just an entertainment source, the Tuscaloosa Regional Air Show also aimed to inspire a generation of new pilots. Ancillary events like the high school photo contest and pilot school visits gave young people in Tuscaloosa the opportunity to learn more about aviation.

In addition to the show on Sunday, a Pilot's Reception was hosted at the Tuscaloosa Rivermarket on Friday, April 13.

The Tuscaloosa Regional Air Show is a shining example of collaboration of city staff and community partners to provide an event that inspires awe and patriotism right here in Tuscaloosa.



IPS ROAD-EO

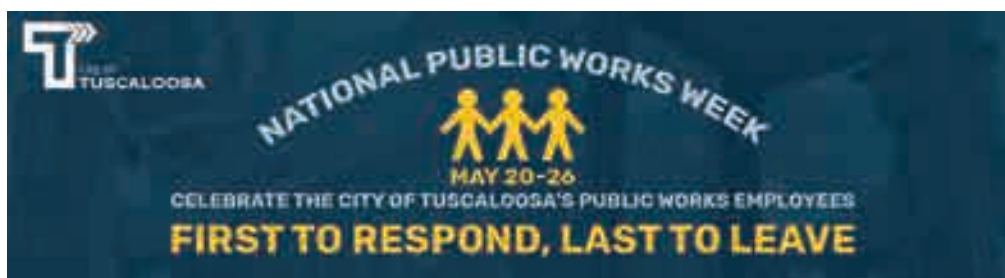
Government Plaza May 22

In celebration of the nationally recognized Public Works Week, Infrastructure and Public Services hosted the inaugural IPS Road-EO. The event featured competitive driving and skilled operator challenges to showcase the hard work and talents of IPS employees. Competitors used specialized equipment, such as automated garbage trucks, boom trucks and zero-turn mowers in a variety of demonstrations. Downtown child care programs were invited to watch the day's events unfold. Judges assessed each competition and awarded top finishers with Tuscaloosa Amphitheater ticket vouchers.



Estimated 250 Employee Participants

IPS employees were also invited to an appreciation and training event at the Road-EO at Heat Pizza. The event is slated to become an annual event.





TENTH ANNUAL HOUSEHOLD HAZARDOUS WASTE DISPOSAL DAY

June 2
565 Participants
45,180 lbs of Hazardous Waste Collected
Environmental Services

GREEN SCENES MOVIE SERIES

Every Friday in July
600 Attendees
Environmental Services



NIGHT AT THE RECYCLING PLANT STUFFED ANIMAL SLEEPOVER

July 26
44 Participants
Environmental Services

TECH OR TREAT

October 23
1,200 Attendees
22 Community Booths
The Gateway



HOLIDAYS ON THE RIVER

Tuscaloosa Amphitheater

November 21-January 21

Holidays on the River is the premier winter excursion in Tuscaloosa and features ice skating, carriage rides and visits from Santa. New this year, the Amphitheater hosted the Very Merry Market on Dec. 15 and 22 and featured vendor booths, allowing guests to shop local for the holidays. Admission to Holidays on the River is free for all guests, but guests must purchase skate pass tickets for skate rental and access to the ice rink. Daily skate passes and season skate passes were available for purchase. The event also hosted over 20 private parties this season.



ESTIMATED 9,449 SPECTATORS



The construction of the ice rink is a collaborative IPS employee effort. The Tuscaloosa Amphitheater staff work tirelessly during the months of the event to maintain the ice and provide event support. This year, the Holidays on the River season kicked-off with an employee night, offering \$1 skate passes to all City of Tuscaloosa employees and their families. The event is scheduled to return the week of Thanksgiving in 2019.



ENVIRONMENTAL EDUCATION

The City of Tuscaloosa raises the bar for environmental excellence in our area, and it is important to share updates, special events, and reach new community stakeholders and partners to continue our efforts and improve our local environment. Environmental education is available for all citizens, businesses, schools, stakeholders and community partners. Subjects ranging from solid waste management and landfills, waste diversion and recycling, pollution prevention and stormwater, local water quality, and pre and post water treatment processes presentations are available to interested groups. Free tours are available at all City environmental facilities, and can be reserved online at www.tuscaloosa.com/recycle/environmental-education.

LOCATION	TOURS	ATTENDEES
Environmental Services	62	2,681
Jerry Plott Treatment Plant	3	25
Ed Love Treatment Plant	11	145
Hillard Fletcher Waste Water Treatment Plant	5	92
49 TOTAL OFF-SITE PRESENTATIONS WITH 8,047 ATTENDEES		



23

Supported Litter Cleanups

900

Pounds of litter removed during community cleanups

THE GATEWAY

The Gateway, a 5,000 square foot library in the heart of the Alberta community, is unlike any in the state. Located at a terminus for Tuscaloosa's City Walk, the bookless library was built after the devastating April 27, 2011 tornadoes using U.S. Department of Housing and Urban Development disaster recovery dollars. In addition to offering free access to laptops, tablets, and a massive digital library, The Gateway provides unique opportunities for collaboration and education. The Gateway has an array of ever-changing free programming available to the public which includes professional development workshops led by The University of Alabama, robotics classes, and computer skills classes among other things. The Gateway also has several workspaces available for reservation for group meetings and trainings as well as a one of a kind Kid's Room. To get involved and find out more about all The Gateway has to offer, visit www.tuscaloosagateway.com.



11,450
ANNUAL VISITORS

2.5 PERCENT INCREASE SINCE 2017

+
783
PROGRAMS AND
EVENTS

23.1 PERCENT INCREASE SINCE 2017



TUSCALOOSA RIVER MARKET



Right on the banks on the beautiful Black Warrior River and along the Tuscaloosa River Walk, the Tuscaloosa River Market is one of Tuscaloosa's premier venues. The Tuscaloosa River Market hosts two weekly farmers markets and provides patrons with selections like grass fed beef, fresh produce, and artisan crafts among other things. The Saturday Market is open all year long from 7 a.m. to 12 p.m. and the Tuesday Markets are open from 3 p.m. to 6 p.m. starting in April to September. The Tuscaloosa River Market hosts more than 200 events a year ranging from the Farmers Market, weddings, proms, and corporate meetings. The space can be configured in a variety of ways and can fit the needs of whatever an event may be. To find out more about all the Tuscaloosa River Market has to offer, visit www.tuscaloosarivermarket.com.

TUSCALOOSA NEWS

2018 Best of the Best Readers Poll



WINNER
Best Event Venue



FINALIST
Best Produce



FINALIST
Best Wedding Venue

246 TOTAL EVENTS

80 Farmers Markets	60 Non-Profit Events	42 Wedding Events	23 City Events	41 Private Events
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11.8 PERCENT INCREASE FROM 2017

101,768 ESTIMATED VISITORS ANNUALLY



FARM FRESH FOR ALL

Tusacloosa River Market collaborated with Canterbury Episcopal Church to continue a fresh food voucher program that was established by grant funds that are distributed to citizens that participate in health screenings. Each health-screening participant is given a voucher valued at \$20 that can be redeemed at the Farmers Market for fresh produce. The River Market staff exchanges the voucher for tokens that are given to the farmers as payment. The farmers turn in the tokens and the market writes them a check for their tokens.

TUSCALOOSA AMPHITHEATER

Opening in 2011, the Tuscaloosa Amphitheater sits beautifully on fifteen acres along the banks of the Black Warrior River and connected to the Tuscaloosa River Walk. With a capacity of 8,400, the Tuscaloosa Amphitheater is the largest outdoor amphitheater in West Alabama and hosts a variety of events including concerts, races, and talent shows. In keeping with its order of excellence, the Amphitheater was voted as the No. 1 amphitheater in the state for the 2018 "Best of Bama" awards by Alabama Magazine.



BRANTLEY GILBERT | MARCH 24
with Aaron Lewis, Josh Phillips

7,109 TICKETS

FUNKALOOSA | APRIL 7
George Clinton and Parliament Funkadelic
with Morris Day and the Time, Sheila E.

3,179 TICKETS

STYX | APRIL 8
with REO Speedwagon, Don Felder

4,439 TICKETS

CHRIS YOUNG | APRIL 19
with Kane Brown, Morgan Evans, Dee Jay Silver

6,796 TICKETS

CASTING CROWNS | APRIL 20
with I Am They

3,936 TICKETS

TEDESCHI TRUCKS BAND JUNE 30 with Drive-By Truckers, The Marcus King Band	3,910 TICKETS
JACK JOHNSON MAY 1 with Fruition	5,650 TICKETS
ALAN JACKSON MAY 4 with Riley Green	7,251 TICKETS
JASON ALDEAN JULY 25 with Luke Combs, Lauren Alaina	3,910 TICKETS
CHARLIE WILSON AUGUST 10 with Big Pokey Bear, DJ Chuck Johnson	4,351 TICKETS
KEITH URBAN AUGUST 26 with Kelsea Ballerini	7,135 TICKETS
FANTASIA SEPTEMBER 28 with Tank	6,077 TICKETS
COLE SWINDELL OCTOBER 4 with Dustin Lynch, Lauren Alaina	4,281 TICKETS
ODESZA OCTOBER 10 with Jai Wolf, Evan Giia	5,347 TICKETS
CHRIS STAPLETON OCTOBER 18 with Marty Stuart, Brent Cobb	7,437 TICKETS





OPERATE AND MAINTAIN

INFRASTRUCTURE



Miles of streets swept	8,236
Number of traffic signals maintained	196
Number of parking tickets issued	16,062
Number of signs installed	622
Miles sprayed for mosquitos	415
Feet of ditches cleaned	5,346
Feet of ditches ripped	1,168
Number of sinkholes repaired	117

Feet of sidewalk replaced	4,238
Feet of curb & gutter replaced	2,547
Feet of road shoulder repaired	1,355
Feet of pipe installed	1,142
Feet of road shoulder repaired	1,355
Tons of asphalt used	1,294
Number of hours dedicated to UA football gameday operations	3,540

TUSCALOOSA NATIONAL AIRPORT



National Designation

The Federal Aviation Administration (FAA) develops a National Plan of Integrated Airport Systems (NPIAS) and included is the classification of all airports. Tuscaloosa's classification was upgraded from a Regional to a National General Aviation Airport a few years ago. The classification is based on the number of based aircraft the airport hosts, having more than 20 annual international departures, more than 5,000 Instrument Flight Rules (IFR) departures, and more than 1,000 annual interstate operations. The Tuscaloosa National airport is the only in Alabama and one of only 89 nationwide. By being classified by the FAA as a national airport, the airport is provided better justification for capital projects that the airport submits for discretionary grants. The name change reflects how our airport is currently being used and operates. It also reflects our vision of how our airport will serve the community in the coming years. We not only serve local demand, but also individuals, businesses, and cargo nationwide and globally that need access to Tuscaloosa and West Alabama.

Number of airport hangars	62
Number of military aircraft visiting Tuscaloosa	3,477
Number of transient aircraft visiting Tuscaloosa	12,720
Numer of large cargo/charter aircraft	180
Number of gameday aircraft	606
Average number of gameday operations per game	249

Tuscaloosa Honor Flight

Tuscaloosa Honor Flight, provided by the Tuscaloosa Rotary Club and hosted at the Tuscaloosa National Airport, takes veterans on a day trip to Washington D.C., at no cost to the veterans, to visit the war memorials dedicated to their service. In 2018, 96 Vietnam veterans, two Korean War veterans and two WWII veterans registered for the flight. The public is invited to welcome home the veterans at a celebration after the return flight at the Tuscaloosa National Airport terminal.



FACILITY MAINTENANCE

The City's facility maintenance team is housed in the Logistics and Asset Management division of Infrastructure and Public Services. The facility maintenance team is responsible for the maintenance of over 1 million square feet of City facilities. Typical duties include general facility upkeep such as cleaning and maintenance on cooling and heating systems as well as facilitation with larger maintenance projects such as roof repairs and large scale painting jobs.

Number of work orders completed per month	163
Number of work orders completed per year	1,959
Number of work orders completed in less than a week	90%
Average work orders assigned per technician per month	25
Total square feet of facilities maintained	1 million

FLEET MAINTENANCE

The City's fleet maintenance team is part of the Logistics and Asset Management division of Infrastructure and Public Services. The fleet maintenance team is tasked with maintaining all City fleet except police as well as the fueling systems that serve the City. The fleet maintenance team performs work on a variety of vehicles including crew trucks, garbage trucks, and fire trucks.

Average work orders assigned per technician per month	40
Number of work orders completed per month	358
Number of work orders completed per year	4,290
Number of fleet vehicles	771 light duty 280 heavy duty
Average Number of oil changes per month	91
Annual fleet maintenance cost	\$1,628,409

SERVICE SPOTLIGHT



OUTSTANDING SERVICE IN ENGINEERING

"I want to thank Mr. Bryan Gurney and his associate Meredith for their prompt and courteous responses and action in our commercial water and sewer line issue. It again makes me proud and thankful to be living in Tuscaloosa."

– John Dill, Tuscaloosa Business Owner



OUTSTANDING SERVICE IN PUBLIC SERVICES

"I called the City yesterday to request recycling bins and when I came home from class today they had already been delivered to my house! So impressed with the efficiency! Great job @tuscaloosacity @WaltMaddox"

– Twitter user @im_the_map

ENVIRONMENTAL SERVICES



21,042
Households
Served



88,300
Cubic Yards of
Trash Collected



36,517,420
Pounds of
Garbage Collected



3,608,404
Pounds of
Material Recycled



Number of all service requests received	9,791
	35.33% of total received city-wide
Number of recycling bins delivered	1,749
Percentage of reported missed garbage/trash/recycling	.08%
Number of garbage routes	7
Number of curbside recycling routes	5



5.40 lbs
Garbage



1.2 lbs
Recycling

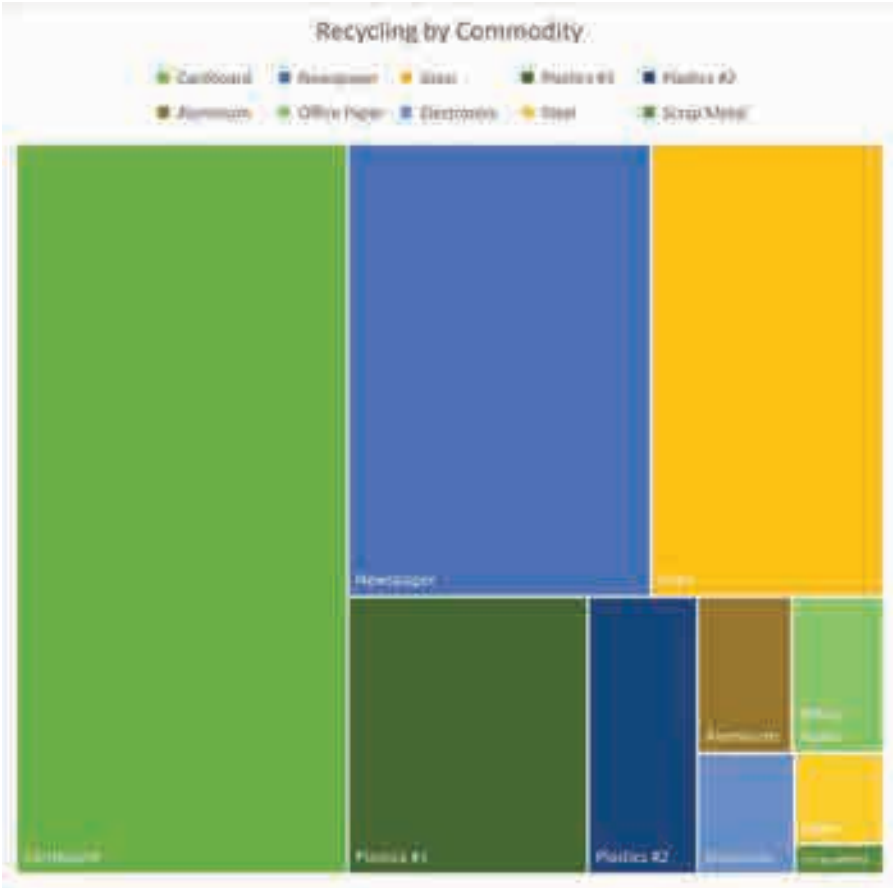
GENERATED PER PERSON EACH DAY IN TUSCALOOSA ON AVERAGE

4.6 LBS OF GARBAGE GENERATED PER PERSON EACH DAY IN U.S.A. ON AVERAGE

Revenue and Diversion Savings from Recycling

Sales Revenue: \$206,000

Landfill Diversion Savings: \$50,518



LAKES

The City of Tuscaloosa is home to three sizable bodies of water, each used for a variety of reasons. Lake Tuscaloosa is the City's primary source for drinking water. It is a 5,885 acre impoundment of North River and several other creeks and holds over 40 billion gallons of excellent quality water. Lake Nicol and Harris Lake are the City's alternate sources of water. Lake Nicol, 384 acres in size, holds approximately 3.3 billion gallons of water. In addition to canoing and swimming, Lake Nicol boasts a well-maintained park and is popular with bird watchers for its wild diversity of songbirds, pinebirds, waterfowl, and seasonal migrant birds. Harris Lake is 220 acres in size and holds approximately 1 billion gallons of water.

Number of inspections performed via permits	1,025
Number of electrical verification inspections	1,206
Miles of shoreline	195
Number of permitted structures	1,156
Number of fishing tournaments	133
Total Revenue	\$116,835



WATER

The Jerry Plott and Ed Love Water Treatment Plants, part of the Logistics and Asset Management division of IPS, along with Distribution and Meters, part of the Infrastructure division of IPS, comprises the City's water filtration and service system. The water system works collaboratively with the wastewater system to ensure that all citizens receive the highest level of water service. The Jerry Plott and Ed Love Water Treatment Plants each have unique filtration and treatment processes and provide water to nearly 200,000 customers in the metropolitan Tuscaloosa area 24 hours a day, 365 days a year. The Ed Love Water Treatment Plant uses conventional sand filtration that coagulates and flocculates solids for easy filtration. While the same basic treatment is used at the Jerry Plott Water Treatment Plant, the techniques and substances to filter the water vary including using pressure to squeeze the water through membrane racks. After the process is completed at one of these two plants, the water is pumped into the water distribution system to homes and businesses. The Distribution team is responsible for ensuring that all distribution water lines remain in proper working order, installing new lines, and repairing water main breaks and leaks while the Meter team is responsible for setting new and replacement meters and reading meters for correct water usage among other things.

Average gallons of water produced per day	24 million
Number of meter sets	356
Monthly average of total meter reads	52,169
Feet of pipe replaced	8,790
Number of work orders completed	568



Jerry Plott Water Treatment Plant
awarded "Best Operated Plant Award"
Ed Love Water Treatment Plant
awarded "Best Operated Distribution Award"

WASTEWATER

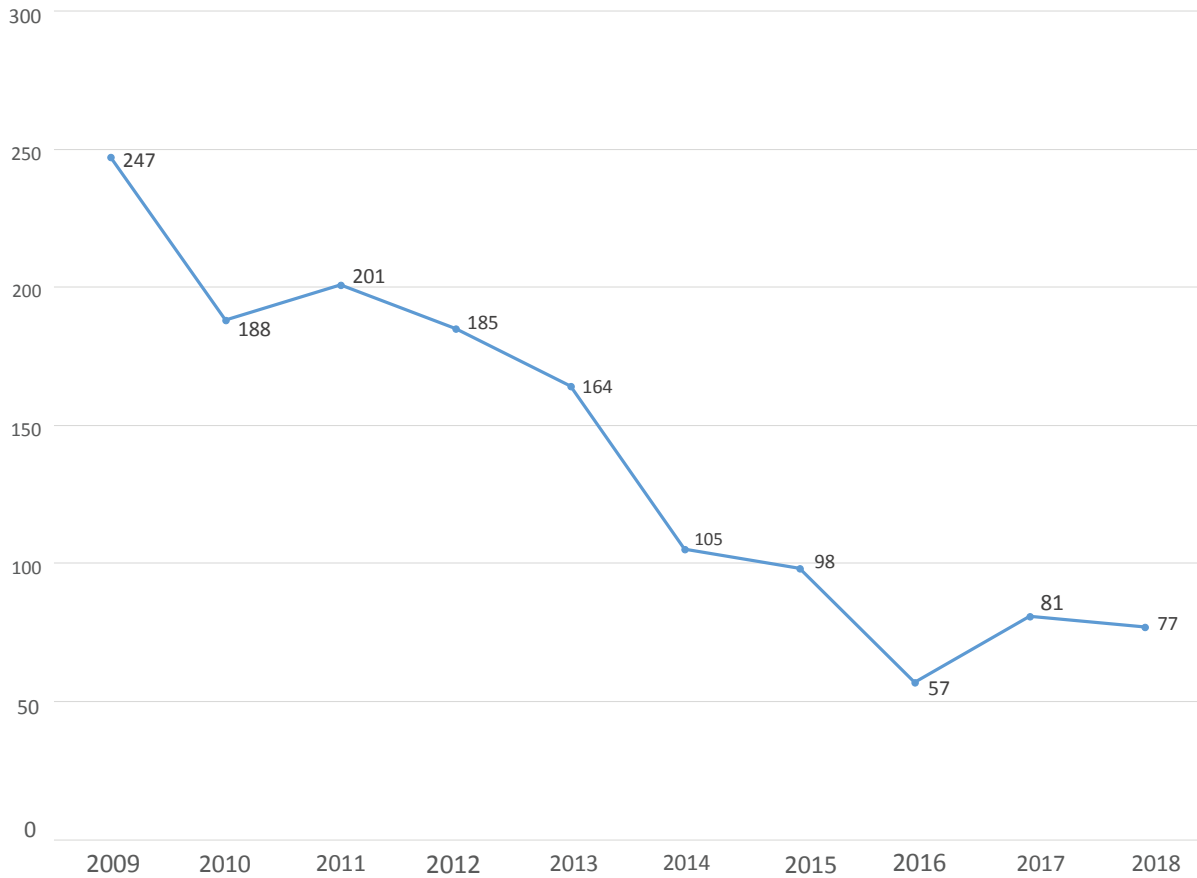


The Hilliard Fletcher Wastewater Treatment Plant, a component of the Logistics and Asset Management division of IPS, and the Collections sub-division, part of the Infrastructure division of IPS, along with the City's 63 lift stations and over 11,000 manholes comprises the City's wastewater processing and service system. Wastewater is collected from homes and businesses and travels to the Hilliard Fletcher Wastewater Treatment Plant to undergo a multi-step filtration process including an ultraviolet lighting process.

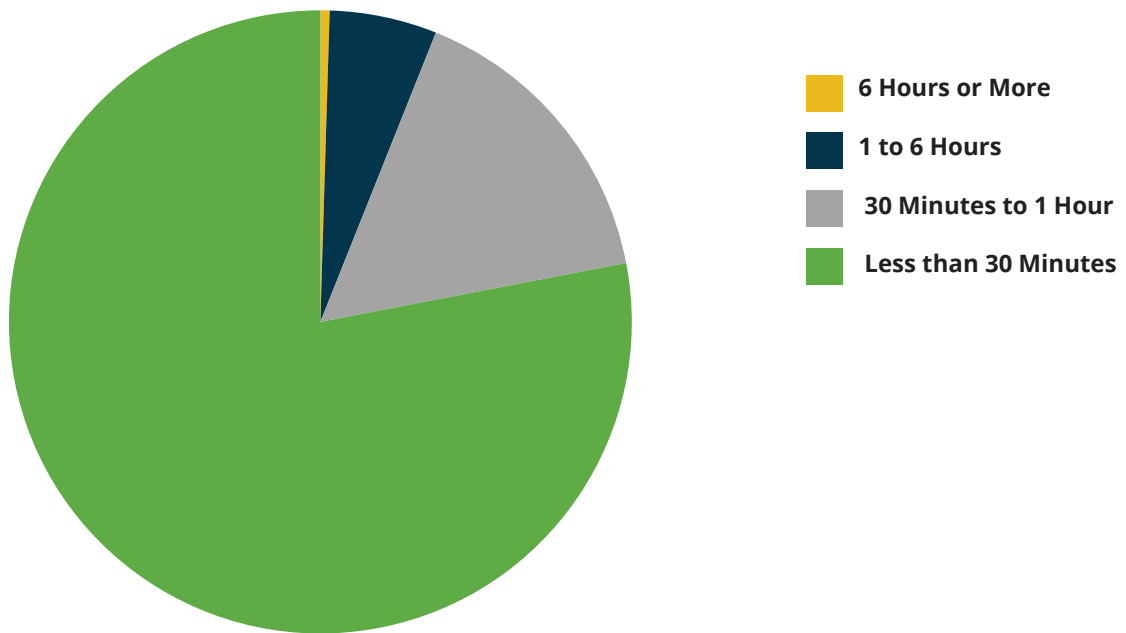
The Collections team is responsible for inspecting, cleaning, repairing, and rehabbing collection system pipes, inspecting manholes, and regulating and controlling sanitary sewer overflows. As mentioned before, the wastewater system works collaboratively with the water system to ensure that all citizens receive the highest level of water service.

Number of work orders per year	1367
Miles of pipe cleaned	150
Number of manholes rehabbed	34
Feet of pipe rehabbed	6407
Number of point repairs	63
Miles of pipe CCTVed (closed circuit television) for inspection	95.6
Number of manholes inspected	1,249

SANITARY SEWAGE OVERFLOWS BY YEAR 2009 - 2018



2018 CALL OUT RESPONSE TIME



PLAN AND DELIVER



ADMINISTRATION

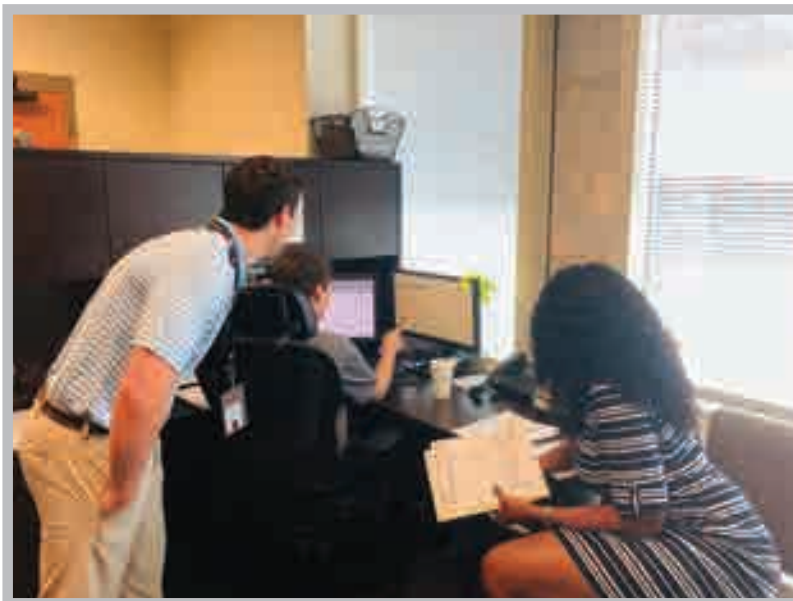
\$693,909
GRANTS RECEIVED
FOR IPS

Flood Mitigation Assistance Program,
ADEM Recycling, Keep American Beautiful,
Transportation Alternatives Program

Number of grants managed	21
Value of grants managed	\$107,178,981
Value of projects managed	\$266,538,591
Number of HR requests processed	1,869
Number of appraisals processed	551
Number of IPS jobs posted	92

10
EMPLOYEE
WORKSHOPS HOSTED

Starting a Business, Down
Payment Assistance, Credit
Repair, Retirement, River Oaks
Counseling, My Aging Parent,
Returning Adult Student



TUSCALOOSA BUILDS

Tuscaloosa Builds is a comprehensive training and development program providing assistance to minority-owned, women-owned, and disadvantaged businesses with a goal of 10-20% participation within all City Public Works Projects. The program's goal is to prepare program participants to accurately estimate project costs and bid competitively for City and private sector projects.

Tuscaloosa Builds was voluntarily adopted by the Tuscaloosa City Council in 2013 to establish working relationships among contractors and subcontractors, foster competitive bidding, level the playing field among established contractors and minority-owned, women-owned, and disadvantaged businesses, and keep construction dollars local. The program offers an educational component the third Thursday of each month to cover an administrative practice to enable these firms to adequately operate their business.

Currently, several other local entities, including The University of Alabama, Tuscaloosa City Schools, and Tuscaloosa County Parks and Recreation, actively participate in the Tuscaloosa Builds program. The City is continually pursuing other entities to join the Tuscaloosa Builds platform to encourage and utilize minority-owned, women-owned, and disadvantaged businesses.

Through the Tuscaloosa Builds program, the City is able to invest in minority-owned, women-owned, and disadvantaged businesses in the Tuscaloosa area through education, networking opportunities, and ultimately award of contracts.

Funds awarded to minority, women, and disadvantaged businesses (MBE/WBE/DBE)



CITY OF TUSCALOOSA

Direct Pay: \$488,945

Indirect Pay: \$1,697,254

Total: \$2,186,200

EARNINGS

City of Tuscaloosa	\$2,186,200
The University of Alabama	\$5,579,339
Tuscaloosa City Schools	\$1,805,780
PARA	\$148,876

COMMUNITY INVOLVEMENT

Habitat for Humanity Volunteer Day, United Way Day of Action -- Stillman College, Recognized "Star Player" of the Year- Michael Capers; Capers Sheetmetal

PARTNERSHIPS

Chamber of Commerce – Minority Business Council, Small Business Development Center, The University of Alabama, The Edge, Stillman College, Ollie Washington Apprentice Program

ASSET MANAGEMENT & QUALITY CONTROL

Asset Management is a calculated process of developing, operating, maintaining, upgrading, and disposing of assets in the most cost-effective manner. In terms of the City's assets, common items such as City facilities and equipment are considered as well as other items such as City roadways, traffic signs and signals, and even recycling and trash receptacles. Asset Management is administered in the Logistics and Asset Management division of Infrastructure and Public Services.

Implemented Projects

Lucity Implementations:

- Airport (Including creation of GIS map of assets)
- Docks
- Fire Rescue Logistics (Inventory module)
- Fleet
- Lucity Mobile for field collection regarding Stormwater Outfalls
- Water Treatment: Flushing & Water Quality
- Wastewater Treatment Plant Mobile Application

Fiber Optic Mapping

Development of Lucity Dashboard for 311

Lucity Tune-Up (On-site visit)

- Completion of department clean-up
- Security clean-up underway
- Recommendations on work-flow setup clean-up

Implementation of sewer asset layer in GIS



City of Tuscaloosa Fleet Asset Management Dashboard

This dashboard is used to track works orders for maintenance and preventative maintenance on all non-police City fleet as well as sorting data on each vehicle and piece of equipment with unique identifying information.

15th Street and McFarland Boulevard Fiber Mapping

Mapping like the one here allows City teams to identify City fiber and supporting infrastructure for easier identification and faster response time.

Fiber Optic - 15thStreet and McFarland Blvd

*FOR VERIFICATION AND CORRECTION PURPOSES ONLY



ENGINEERING

Number of active capital projects	84
Number of permits issued	411
Value of capital projects managed	\$199,288,598
Miles of road resurfaced	36 lane miles
Number of certificates of occupancy issued	114
Number of final plats signed	87
Number of surveys performed	63
Number of street lighting upgrades completed	27



SERVICE SPOTLIGHT



OUTSTANDING SERVICE IN LOGISTICS AND ASSET MANAGEMENT



“Wow, I had no idea y’all would move so fast! And it looks wonderful! Thanks you so much for arranging this....I really appreciate you.”

– Amanda Gann,
Accounting and Finance

“When I pulled into the parking lot this morning and walked through the venue there was no way to tell that we had hosted an event with 900 guests, 30 tents in the parking lot and 15 restaurants inside the venue over the weekend. I attribute that to your excellent staff. Many thanks to you all for your support.”

– Alexis Clark,
City Venue Operations Manager,
Tuscaloosa River Market

SAFETY

Safety for all Infrastructure and Public Services employees and the citizens that are in the vicinity of work performed is of the utmost importance for the department. Each employee is trained on the proper safety procedures for their particular job classification as well as how to safeguard not only themselves, but a secure work area. Each employee is also equipped with all the necessary personal protective equipment needed to complete their job including hats, safety glasses, gloves, hi-visibility vests, steel toe boots and any other items necessary to ensure a safe work environment. The City's Safety Director conducts in-field observations as well as continuing education on safety measures.



SAFETY INCIDENTS REPORTED

Caught in, under or between	3
Cut, puncture or scrape	2
Fall, slip or trip	10
Strain or injury	19
Striking against	3
Struck or injured by	6
Burn or scald	2
Motor vehicle	4
Miscellaneous	19

SERVICE SPOTLIGHT



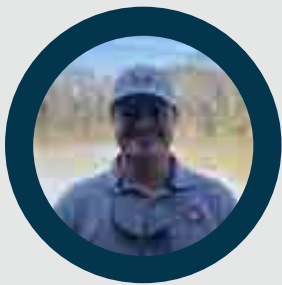
OUTSTANDING SERVICE IN INFRASTRUCTURE

“Two Infrastructure employees stopped to help a citizen who had a flat tire on the side of the road because they were concerned for the safety of the citizen, so they stopped to change the tire. The citizen called the office to praise the nice men who had helped.”

“A citizen/business owner downtown took notice of a Parking Control Officer while walking his route. The parking control officer picked up trash/garbage that was on the curb that was not properly placed and he placed it neatly in a receptacle. The caller stated that they were impressed at how our employee was concerned about the trash not being properly placed and how he addressed something that was outside of his job description and stopped to clean it up. Although it was not his responsibility to clean up the trash, he takes pride in being an employee with the City of the Tuscaloosa and helping Tuscaloosa look its best.”

2018 IPS ALL STARS

Thank you to the Infrastructure and Public Services Staff for all they do for our citizens each and every day! The City honored 18 IPS All Stars for their hard work in 2018. Each employee was chosen from a group of over 500 employees.

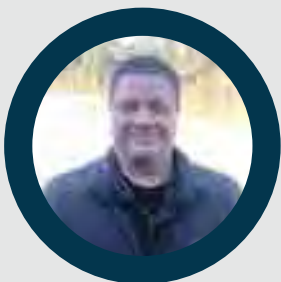


ADAM BALLARD | INFRASTRUCTURE

Adam has filled in on reactive calls for an employee who has been out on sick leave and we have not missed a beat. He has taken ownership of the job and has a customer service attitude that is the best. He consistently receives compliments on such great work and professionalism that he displays while on a job through 311 follow up calls from customers.

ALEXIS CLARK | PUBLIC SERVICES

Alexis is a model City Venue Operations Manager that operates the Tuscaloosa River Market like it is her own. She has an impeccable work ethic and takes pride in the service she provides to the public as a City employee. While hosting more than 200 events per year at the venue, her attention to detail for those events, the venue, and her staff is fine-tuned. You literally can ask her a question regarding an event or a staff schedule two weeks out or in the past and she will be able to answer your question correctly. As a manager, she has put in place standard operating procedures that allows everyone on her team to be successful. Alexis also is always willing to reach out and help other venues or departments without hesitation. She is true MVP on Team Tuscaloosa!



TODD DAVIS | INFRASTRUCTURE

Todd undertook a supervisor position just before the fiscal year 2018 hiring freeze that saw his downtown maintenance crew severely depleted. Todd forged ahead and did all he could to keep the level of service historically provided by this crew maintained. He did this by not making excuses and leading in a way that sets standards for how our maintenance crew supervisors should perform.



KATARA HARRIS | LOGISTICS & ASSET MANAGEMENT

Katara was recently promoted to Custodial Crew Leader, but performed like an All-Star in her previous position of Custodian and continues to do so in her new position. Katara spent a large amount of her time on the mobile crew and eagerly took on various tasks on a daily basis. Katara has been dependable with every task given to her and shows initiative and strong work ethic on a daily basis. She is pleasant to work with, has a great reputation, and demonstrates outstanding customer service skills. We regularly receive compliments for Katara's work at River Market. It is easy to see Katara's desire to be successful. She is an asset within the Facilities division of Logistics and Asset Management.

SAVANNAH HOWELL | ADMINISTRATION

Savannah has been instrumental to Infrastructure and Public Services's success over the past two years. Savannah is an excellent employee that shows extreme commitment to the success of any initiative put forth by the management team and shows extraordinary leadership qualities in her role as IPS Administration Director. She leads a team that is consistently on point when it comes to their work product and customer service.

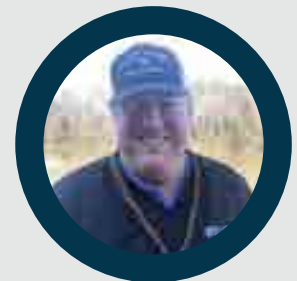


JEFF JONES | INFRASTRUCTURE

Jeff joined the City in 2017. He has a positive attitude and is a very knowledgeable Heavy Equipment Operator. Jeff works on the right-of-way crew and they are mainly responsible for clearing, cutting, spraying and inspecting 100% of the City's sewer right-of-ways each year. Jeff has been a part of over 40 sewer line repairs and raised over 40 manholes in 2018. Several times this year, Jeff has worked with other departments. Jeff has a 96% Employee Accountability score for putting his time into Lucy.

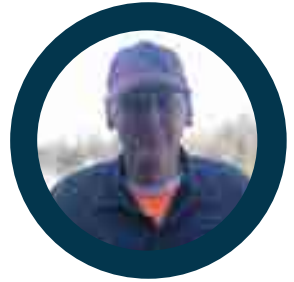
HANK LOGAN | INFRASTRUCTURE

In 2018, Hank was responsible for responding to customer based call-outs and root foaming. Customer based call-outs are one of the most important aspects at Collections. In 2018, Hank washed 251,788 feet of sewer lines, root foamed 7,000 feet of sewer lines and responded to 74 customer-based call-outs. In 2018, Hank was promoted to an sanitary sewer overflow/fats, oils and grease (SSO/FOG) inspector. Hank has a 93% Employee Accountability score for putting his time into Lucy.



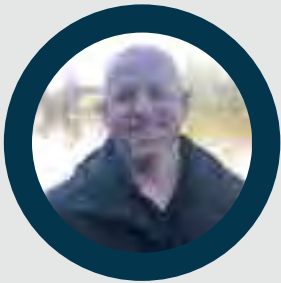
JOHN MADDOX | LOGISTICS & ASSET MANAGEMENT

John is not an employee that will sit down between jobs coming in the door. During the vehicle service lulls, the Fleet team can depend on John to keep busy and complete the mundane tasks such as cleaning the service room floor and cleaning up oil spills outside on the blacktop, while keeping the service area pit area safe from slip and fall accidents.



CHRIS MEGGS | INFRASTRUCTURE

Chris is a critical asset to the airport with his performance, capabilities, and specific knowledge to airport operations. His ability to lead not only as a supervisor, but to those around him is a great reflection to the IPS department and the City of Tuscaloosa. Chris has proven his ability to handle considerable responsibility and make critical decisions that positively affect the performance and safety of the airport.



DAVID MIMS | INFRASTRUCTURE

David's skills allow him to complete daily assigned tasks with greater than expected levels of productivity. The quality of David's work is such that he can complete job tasks while being self-supervised resulting in higher than expected levels of quality of work. David has also been instrumental in meter projects by taking added responsibility and continuing to learn new skills. He has exhibited excellent attendance by receiving zero occurrences this year.



MALORIE MIXON | LOGISTICS & ASSET MANAGEMENT

Malorie performs many more duties than her job description entails. She is very knowledgeable in various software utilized at the City and catches on quickly to anything new thrown her way with little training. Malorie is eager to learn and assist in any way, although she has a full work load without assisting others.

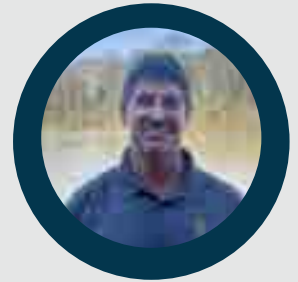
Malorie handles various things on a daily basis and performs her job in an efficient and effective manner, compiling information daily from various divisions and employees. She also understands the importance of keeping information confidential and often brings new ideas to the table to help various divisions work more efficiently. Malorie demonstrates excellent customer service skills and a strong work ethic.





MICHAEL OSBORN | INFRASTRUCTURE

Michael's performance has been above and beyond. He weekly finishes his scheduled work, takes on more tasks, and finishes those as well. Our division lost a supervisor and Mike has replaced this supervisor's call out weeks for the last several months. When we have things break loose everywhere, Mike is always around helping get things back to normal.



DREW RICE | LOGISTICS & ASSET MANAGEMENT

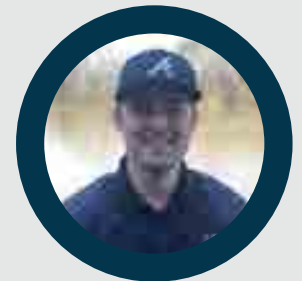


The City was without a Fleet Maintenance Manager for several months. During that time, Drew stepped up to ensure the Fleet Shop didn't miss a beat and kept operating as usual. Upon retirement of the Fleet Maintenance Manager, Drew brought ideas and processes that he proposed implementing such as a call-out schedule/rotation that was not in place before.

Drew also stepped up and performed many administrative duties he had not been responsible for in the past. He is very passionate and knowledgeable about Fleet Maintenance and thorough with every task he takes on, demonstrating a strong work ethic. He assisted in monitoring the budget and worked hard to make smart decisions about daily operations while holding all employees accountable. Lastly, Drew demonstrates excellent customer service and knows his employees, the City's Fleet, and his customers.

JUSTIN SHAW | LOGISTICS & ASSET MANAGEMENT

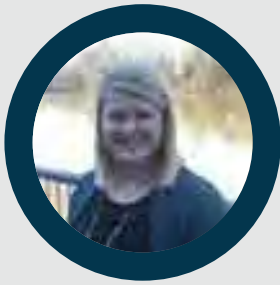
As an sanitary sewer overflow/fats, oils and grease (SSO/FOG) investigator, Justin was very diligent in reporting sanitary sewer overflows (SSOs) to ADEM. He consistently met the internal goal of submitting an initial report to ADEM within 12 hours. He performed thorough investigations on SSOs and ensured follow up investigations were completed. Justin reviewed follow up investigations and worked with the OTS supervisor to eliminate recurrent SSOs. He ensured signage was in place in areas effected by SSOs. Justin was always willing to step up and performed duties for his supervisor in his absence.



JEREMY SHIRLEY | PUBLIC SERVICES



Jeremy came to Environmental Services as a temporary worker in 2013 and it became clear almost immediately that he was exceptional. The division started having drivers and other laborers waiting on her when she got back to the office and coming in after their routes to let her know that Environmental Services needed to keep Jeremy around for as long as possible. Drivers even argue over who gets to have Jeremy on their truck each day. In the last five years Jeremy's work ethic, dedication and productivity haven't lapsed. Having employees like Jeremy make the jobs of the supervisors, front office staff and management much easier.



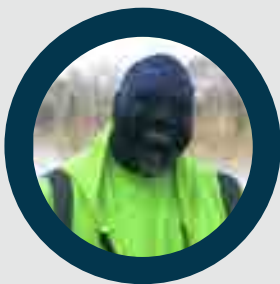
MICHELLE SMART | PUBLIC SERVICES

Michelle is an employee who was a huge asset to the IPS department as a whole the minute she walked through the door on the first day. She is that employee who never turns down a project and never asks for help or relief. For a majority of her time with Public Services, Michelle has filled the role of more than one job description at the same time. She does all of this while being the go-to IPS employee for graphic design.

She has the unique ability to juggle all of these tasks and never miss a deadline. There is no detail too small for Michelle when she is in charge for putting on an event for the City. Every sponsorship partner in town speaks with the highest regards for Michelle and her level of professionalism. We also can rely on Michelle to give on-the-spot status report regarding any upcoming City or private event, sponsorship status, or communication piece at any given time. Every internal employee that works with Michelle reports how lucky we are to have her on our team. In our opinion, Michelle is the model of what an IPS-All Star should be!

MIKAL STITH | LOGISTICS & ASSET MANAGEMENT

Mikal has been a valuable asset to the operations of the wastewater treatment plant. He is very meticulous in making his operational rounds, recording data, and overall operations of the plant. Mikal takes initiative to discover issues that the plant and reports those issues to supervisors. Several issues he has found have improved operation of the plant.



DAMIAN STOCKDALE | PUBLIC SERVICES

Damian is an exemplary employee at Environmental Services. He was one of the few employees that volunteered to learn the automated garbage trucks when they arrived and has excelled at operating the truck and taking sole responsibility for his route. Damian is very detail oriented and goes out of his way to provide route feedback to his supervisor and the front office. Damian is set apart from others by his energetic and enthusiastic personality.

ADAM TENNYSON | LOGISTICS & ASSET MANAGEMENT

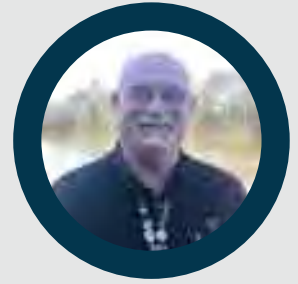
Adam continues to excel in his role as a SCADA operator. In his role, he sets a high standard of performance by always maintaining a positive attitude and making sure the job is always done correctly. Adam has also been a model in spreading his knowledge by working in other divisions such as facilities maintenance, distribution, and wastewater.





CRAIG THORPE | INFRASTRUCTURE

Craig is responsible for the daily operation of the sewer collection system. He enables the Infrastructure division to grow in their capabilities to conduct services to our customers and creates a standard for the other sewer departments across the state to model. Craig's knowledge and work ethic sets an example for the people he manages and promotes their growth as employees of the City. Craig continues to lead a collection system staff that maintains a high level of productivity and maintain historically low sanitary sewer overflows for the City.



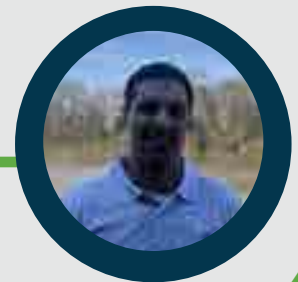
KEVIN TURNER | ENGINEERING

Kevin continues to be an excellent asset for Infrastructure and Public Services. Kevin is very detailed oriented which is very important in the engineering division and takes great pride in his work product. Kevin always goes way beyond job responsibilities by stepping up to fill roles left vacant during the fiscal year 2018 hiring freeze.



COLLABORATION AWARD KATHERINE AIKENS, LONDON JENKINS, MICHAEL CRADY | ADMINISTRATION

London, Katherine, and Michael demonstrate collaborative efforts each day in serving the IPS department. Together, they successfully worked with IPS divisions and other City departments to manage a \$55.2 million operating budget and nearly \$200 million in capital projects. They also manage over \$107 million in local, state, and federal grants. In preparation for the fiscal year 2019 budget, the team led a seamless budgeting process which included streamlining budget spreadsheets for more efficient time management and use of resources, creative ways to lessen department expenses, and trend analysis among other things. London, Katherine, and Mike also worked as a team to prepare year-end financial management information for operational funds, capital projects, and grants. Each of these individuals go above and beyond ensuring the best product of work while providing the highest level of customer service to the employees they serve. London, Katherine, and Mike are invaluable assets to the IPS department.





WHAT WE'VE ACHIEVED

14TH AVE SEWER IMPROVEMENTS | \$641,539

Installation, or replacement/rehabilitation of sanitary sewer mains, manholes, and appurtenances between Tuscaloosa Manhole #4972 and #4965.

2017 CITY-WIDE RESURFACING | \$2,127,443

Resurfaced various streets within the city limits of Tuscaloosa.

ALBERTA AREA WATER IMPROVEMENTS | \$318,286

Repaired and/or replaced 2" PVC water mains and 6" ductile iron water mains and tie-ins.

ALBERTA PARK | \$1,491,684

Redeveloped the existing park along 7th Street East from 23rd Ave East to 26th Ave East and included the installation of a water fountain.

ARCADIA-DRUID HILLS AREA WATER IMPROVEMENTS | \$728,555

Replaced waterlines in Druid Hills, Arcadia, Windsor Dr, Durrett Grove, Redmont Dr, & the Knolls

BEECH HILLS SEWER REPAIR- PHASE 2 | \$224,699

Repaired a damaged sewer main; also provided 2" low pressure sewer line in the right of way for residents to connect to.

CYPRESS CREEK AVE E SIDEWALKS, SECTION B | \$537,398

Made sidewalk improvements along Cypress Creek Ave East from Southview Drive to 48th Place East.

DISASTER RECOVERY RESURFACING, PHASE 2 | \$1,352,185

Street resurfacing on various streets in the designated Disaster Recovery area.





DISASTER RECOVERY STREETS RECONSTRUCTION, PHASE 2 | \$1,954,233

Total street reconstruction of streets within the recovery areas.

FLETCHER-OUTFALL SANITARY SEWER LINE IMPROVEMENTS | \$172,485

Replaced approximately 250 linear feet of reinforced concrete pipe on the City of Tuscaloosa wastewater treatment plant outfall line.

GREENSBORO AVE IMPROVEMENTS | \$2,508,832

Made sidewalk Improvements along Cypress Creek Ave East from Southview Drive to 48th Place East.

HARGROVE & SKYLAND REALIGNMENT | \$2,594,027

Realignment project at the Hargrove Road/Skyland Boulevard intersection.

HARGROVE-AVALON AREA WATER IMPROVEMENTS | \$749,042

Installed 800 linear feet of 6" ductile iron water main and 8,600 linear feet of 2" PVC water main.

JAMES I. HARRISON PARKWAY IMPROVEMENTS, PHASE 2 | \$4,020,109

Roadway, storm drainage, water distribution, and sanitary sewer improvements along James I. Harrison Parkway from Greensboro Ave to 1st Ave.

HARRISON TAYLOR INCIDENT COMMAND CENTER RENOVATIONS | \$500,149

Renovated the Harrison Taylor Incident Command Center to allow for a more structured work space, integrated audio visual, situational mapping, etc.

Jack Warner Parkway Improvements from Marris Spring Road to Greensboro Avenue | \$2,348,195

Roadway, storm drainage, water distribution, sanitary sewer, and utility improvements along Jack Warner Parkway from Greensboro Avenue to Marris Spring Road.

KAULOOSA AVE IMPROVEMENTS | \$225,730

Resurfacing/Restriping Kauloosa Ave from Metro Park Drive to AL 69; construction of paved shoulder on North side of Kauloosa Ave near Phifer Wire main entrance.

OAKWOOD COURT WATERLINE IMPROVEMENTS | \$938,050

Completed waterline upgrades on 13th Street, Oakwood Court, and surrounding streets. Included 5,000 linear feet of water main as well as 11 fire hydrants and 140 water meter ties.

RIVERDALE SANITARY SEWER IMPROVEMENTS, PHASE 1 | \$654,839

Replaced deteriorated clay pipe and manholes with ductile iron pipe, precast manholes, 6" service laterals, and replacement of aerial piers.

TERMINAL IMPROVEMENTS AT TUSCALOOSA NATIONAL AIRPORT | \$10,424

Installed new security cameras at the Tuscaloosa National Airport.

WEST TUSCALOOSA CONNECT | \$73,279

Installed fiber optic cable Installed within the right of way, beneath the curb along MLK Jr. Blvd between 15th Street and 20th Street.



SERVICE SPOTLIGHT



OUTSTANDING SERVICE IN ADMINISTRATION

“IPS staff regularly needs assistance with the City’s time keeping system, Kronos. Among Rebecca’s multiple job duties that services more than 500 IPS employees, she regularly serves as a liaison to the Human Resources department for IPS Kronos issues and concerns. Additionally, she travels to us to provide extensive Kronos assistance and training.”



FACING THE FUTURE



2019 GOALS AND UPCOMING PROJECTS

- 2018 SRF Projects Begin
- Tuscaloosa Bicentennial
- Infrastructure Asset Inventory Rating



- Automated Garbage Trucks
- 311 Rebranding
- Gateway Extended Hours
- Elevate Tuscaloosa
- Tuscaloosa Builds Hispanic Participation