

Volusia County Government Activities August 24 – September 6, 2019

Aviation and Economic Resources

- Economic Development
 - Staff is pursuing creation of a Local Manufacturing Development Program that will be compliant with Florida's Manufacturing Competitiveness Act. Eligible sites will be located in a proposed area generally located within Daytona Beach International Airport properties.

Budget and Administrative Service

Budget

- Completed hearing process for budget adoption at council meeting Sept. 30.

Purchasing

- New Solicitations posted
 - 19-P-135AK Volunteer Management Software, posted Aug. 30 closing Sept. 24.
 - 19-B-156IF Installation, Removal and Delivery of Concrete, posted Aug. 25 closing Oct. 3.
 - 19-SQ-157IF A&E Aviation Planning Services, posted Aug. 25 closing Sept. 26.
 - 19-P-155KW Local Government Area of Opportunity for Loan for Multi-Family Rental Housing, posted Aug. 21 closing Sept. 10.
 - 19-SQ-123KW Indigent Cremation posted Aug. 22 closing Sept. 24.
 - 19-B-133LL Prisoner Transport Svc. Posted Aug. 23 closing Sept. 24.
 - 19-B-146LL Horizontal Directional Drilling Svc. Posted Sept. 6 closing Oct. 15.
- Solicitation Closings
 - 19-SQ-127IF Engineering Svc for Indian Harbor Estates Sewer Retrofit Project, closed Aug. 22 with three responses.
 - 19-B-128IF Glen Abbey Reclaimed Water Main Extension Phase I, closed Aug. 22 with five responses.
 - 19-B-136JD TFRL Addition Project, closed Aug. 29 with three responses.
 - 19-B-137JD TFRL Roof Replacement, closed Aug. 29 with four responses.
 - 19-138JD Harbor Road, closed Aug. 29 with four responses, one withdrew.
 - 19-B-116KT Fencing, closed Aug. 28 with three responses.
 - 19-SQ-141SR Consulting Services for Grant Development and Project Funding, closed Aug. 29 with three responses.
 - 19-B-119TF VCSO Training Facility HVAC Replacement, closed Aug. 22 with four responses.

Business Services

Central Services

- Hurricane Dorian - performed necessary pre-storm measures to ensure facilities secured, insurance measures completed, sandbags deployed to county facilities, generators fueled and inspected and staged personnel at ECO, TCK and Administration building.

Information Technology

- Hurricane Dorian – The arrival of Hurricane Dorian presented an opportunity for Information Technology to exercise updated disaster plans and protocols. The radio team programmed radios and provided spare batteries to field personnel, while systems and data center staff provided an unprecedented level of on-site support throughout the storm. In total, 53 employees logged nearly 900 hours on preparation, response, and recovery efforts. Though this storm turned out to be largely a drill exercise; opportunities for further improvement will be identified and implemented for the next storm.
- Faster Internet – Users of the County's voice and data network are now connected to the Internet with a new high-speed connection from AT&T. This new connection operates at 1 gigabit per second; or 10 times



faster than the Internet link previously used by the County. Users casually browsing websites may not notice much difference; but anyone using cloud-based software to manage business data will see a significant increase in performance.

Revenue

- Business Tax Receipts – Processed applications for 46 new business tax receipts.
- Hurricane Dorian – prepared all four offices for storm:
 - Photographed all locations to use for insurance and FEMA claims, if necessary.
 - Verified communication plan to be used during the storm and post storm.
 - Reviewed cash procedures and ensured that all cash/checks will be secured before, during, and after the event.
 - Reviewed business needs/statutory deadlines before, during, and after projected landfall.
 - Requested that the Clerk of Court postpone the tax deed sale scheduled for Sept. 3.
- Legacy Award – Revenue received the 2019 Legacy Award for Financial Operations. This award recognizes advances in innovation/efficiency, customer service, and budget, and is awarded by the Florida Tax Collectors Association. Revenue received the award primarily due to the work done to set up an “e-box” for scheduled bill pay transactions. The new system not only saves taxpayers time and money, it created an efficiency of over 35 man-hours per month in the Revenue Division.
- Tax Deed Applications (properties with tax certificates that have not been redeemed)
 - 44 certificate holders began tax deed applications.
 - Received eight tax redemption payments from property owners for pending tax deed applications. This action stops the tax deed process.
- Tourist Development Tax – Conducted seven site visits for suspected tourist tax evaders.
- Transactions – Processed over 11,100 payment transactions, totaling over \$5.4 million across all revenue offices and platforms.

Community Services

Community Assistance

- Human Services
 - Three presentations at various senior citizen centers throughout the county were completed.
 - The indigent cremation pre-bid meeting was held Aug. 28, approximately 10 persons were present.
- Housing & Grants
 - Homebuyer Assistance has provided down payment and closing costs assistance to 57 households during the fiscal year.
 - Since Oct. 1, 16 homes have been hardened with hurricane shutters for windows and doors, upgraded garage doors and gable-end tie downs through the Wind Hazard Mitigation program.
 - The closing of the sale of the Neighborhood Stabilization Program (NSP) house located in Holly Hill was completed. This home was part of the grant’s low-income set aside and was sold to a household with income at 50% or less of the area median income.
 - A competitive application was submitted for Disaster Recovery – Hurricane Irma to DEO seeking funding for a necessary storm water repair in Orange City on Aug. 27.
 - The Children and Families Advisory Board (CFAB) established a subcommittee made up of four board members to develop a plan for evaluating service categories, risk factors, and scopes of work for community needs funded met through the Request for Statement of Qualification (RSQ) process.
 - The subcommittee met on Aug. 30 and identified a subcommittee chair and vice-chair.
- Section 8
 - Submitted a grant application for additional vouchers/funding to assist 30 non-elderly and disabled individuals and their families who are experiencing homelessness through the Mainstream Voucher Program.

Florida Department of Health in Volusia County (FDOH-Volusia)



- Update: Hepatitis A outbreak
 - As of Sept. 20, 233 cases of Hepatitis A have been confirmed in Volusia County this calendar year. In all of 2018, five Hepatitis A cases were confirmed in the county.
 - The Volusia County Health Department (CHD) continues to focus on reaching three high-risk populations by offering vaccinations and prevention education.
 - The high-risk populations are: drug users, the current or recently homeless, and inmates at correctional institutions.
- DOH-Volusia managed six PSN shelters for Hurricane Dorian assisting nearly 200 special needs shelters.

Parks, Recreational & Culture

- Culture
 - DeBary Hall
 - Performed various tours of the mansion and a lemonade lecture.
 - Prepared mansion for Hurricane Dorian.
- Land Management
 - Continued trail maintenance and invasive species treatment at six county preserves.
 - Lake George Preserve is open for hunting.
- Park Operations
 - Soccer fields number seven and number eight are closed for minor field renovations at Chuck Lennon Park.
 - Strickland Park: Notice of non-renewal of contract was issued to current BMX track operator. Service is being re-bid.
 - Prepared all parks for Hurricane Dorian.
- Recreation
 - Performed child care services after Hurricane Dorian.
 - Prepared district ball fields and debris clean-up at district ball fields for Hurricane Dorian.

Votran

- Maintenance
 - Bus Stop Report
 - 29 faded or damaged bus stop signs were replaced.
 - Routes 17 and 24 signage replacement are 100% completed.
- Marketing
 - In continuing efforts to promote Votran's services, staff members will continue to visit Volusia County Libraries, Hospitals, Health Departments, and other locations to distribute brochures, schedules, and additional information.
- Operations
 - Sept. 2 - under the direct control of Volusia County Emergency Management, Votran assisted and worked together with other agencies and provided transportation from and to shelters during hurricane Dorian.
- Planning
 - Aug. 23 – Votran Staff attended meetings: Healthy Volusia and the Transportation Planning Board (TPO).
 - Transportation Planning Board
 - Received a presentation of Transportation Regional Incentive Program (TRIP) priorities.
 - Approved Resolution 2019-13 amending the FY 2019/20 to 2023/24 Transportation Improvement Program (TIP).

County Manager's Office

Community Information

- Volusia.org websites stats: There were 771,763 visitor views to Volusia.org during August.
- Community Facebook Page



- Total page likes: 7,349
- New page likes: 1,001
- Top post: 12,550 likes (Aug. 27 @ 1:8 p.m. regarding Hurricane Dorian).
- Media Requests: Staff worked with eight reporters on nine media requests including information on detectives arresting inmate after escaping, construction on new morgue, water quality meeting, Journey's End case files, homes to be raised on stilts due to flooding, Volusia Blue recharge, inmate brought from another prison, potential move from the partnership between local partners and SunRail, and animals rescued from a house fire.
- Public Record Requests: There was one public record request that included phone records, emails files on investigation from a county department.

Finance

Accounting

- Information for weeks of Aug. 23 & 30:
 - Accounts Payable: Reviewed and keyed invoices for payment, resulting in 1769 payments to vendors.
 - Accounts Receivable: Processed and entered 1428 transactions into financial system.
 - FEMA: Approved 10 DDD's (Damage, Description, and Dimensions). Answered RFI's (Request for Information) for one project. Held weekly phone calls with FEMA.
 - Fixed Assets: Processed and entered 787 transactions into financial system.
 - Medical Billing: 5082 run reports medically coded, 2337 claims filed to insurance and 1036 inbound customer service calls answered.
 - Vendors: Processed and entered 58 new vendors and 27 updates to existing vendors in financial system.
 - Payroll: Reviewed time entry and processed payroll for 3252 employees, resulting in 44 Checks and 3208 EFTs.

Growth and Resource Management

Administration

- On Aug. 26, staff provided a presentation on smart growth to the Ormond Beach Civil Discourse Group.

Building and Code Administration

- Meeting: On Sept. 4, the CLCA hearing was held. There were two items on the agenda.

Environmental Management

- Green Volusia
 - Staffed Green Volusia program table at the Volusia County Employee Health Wellness and benefits Fair.
 - Presented a recycling program for the Southeast Sustainability Directors Network Greening Government Operations work group.
 - Participated in a Buddies Call for the Southeast Sustainable Communities Fund Grant "Community Resilience through Green Infrastructure within the Spring Hill Community of DeLand".
 - Attended the West Volusia Water Alliance Water Symposium planning committee meeting.
- Public Outreach (Explore Volusia)
 - Provided an ECHO Rangers program for 21 participants (13 ECHO Rangers plus chaperones) at Doris Leaper Spruce Creek Preserve and led a Blue Springs Snorkel outing.
- Public Outreach (Lyonia Environmental Center)
 - On Aug. 24, staff hosted "Animal Caretakers", teaching children ages five to eight how to care for the LEC's resident reptiles, as well as a Family Fun Day.
 - Held a class on t-shirt to tote, teaching attendees about upcycling.
 - Hosted an invertebrate encounter and a Popcorn and Movie night, featuring "Born to be Wild".
- Natural Resource Protection

- The 2019 nesting season runs through Oct. 31. As of Aug. 30 there were 965 nests on our beaches. This breaks our previous record of 919 nests in 2012.
- Met with staff from the Department of Health to review the implementation of the Indian River Lagoon wastewater rules.
- Staff prepared for Hurricane Dorian and were on the beach immediately after the event to re-establish the Conservation Zone poles, and to assess impact on sea turtle nests.
- Through the end of July the Environmental Permitting Activity has performed 10,710 Permits/Inspections/Reviews. This is an 8.8% increase over the same time last year. In addition they have handled 8,447 Phone Calls/Walk-ins/Emails, a 16.8% increase over last year.
- Marine Science Center (MSC)
 - The Marine Science Center was closed to the public from Aug. 31 - Sept. 5, for preparation and recovery from Hurricane Dorian.
- Water Quality
 - Conducted water sampling on three Stations on Deep Creek in south west Volusia County.
 - Attended the 31 Florida Lake Management Society Annual conference.
 - Water sampling was cancelled for seven stations due to Hurricane Dorian. These sampling events will be rescheduled.

Planning and Development Service

- Meetings: On Aug. 29, the staff review meeting was held for Land Development related applications. There were five items on the agenda.

Ocean Center

Events

- The Ocean Center hosted the HT Hackney Foodservice Expo as scheduled on Aug. 23 and 24. Approximately 1,500 people attend this arena floor event.
- We had planned to end August and open up September with the very popular Jurassic Quest Dinosaur Show Aug. 29 – Sept. 1. With the uncertainty surrounding both the track and the timing of Dorian's approach to the coast the Show cancelled the event and we are currently negotiating 2020 dates with this group. This show would have generated almost \$100k in revenues to the Ocean Center with attendance of over 10,000 and concessions upwards of \$30,000. Last year the show was in the Exhibit Hall. This year they had expanded to fill the Arena floor in addition to the Exhibit Hall so this was a blow to our 4th quarter.
- Hurricane Dorian cut into the following weekend. Both the Boat Show (Exhibit Hall) and the SE Spa/Hot Tub shows postponed their exhibitions. The Boat Show has rescheduled for the weekend of Sept. 27-29. The Spa show will fall later in the fall. While all these events will ultimately repeat (which is a good thing), two of the three will also reschedule after the close of the fiscal year which means our fourth quarter will reflect this impact.
 - The facility fared well during the storm with only minor water intrusion into the kitchen area due to a torn roof membrane which was quickly patched during the storm by our Operations and Engineering team members that were on site during the storm.

Capital Projects update

- Arena Floor Box Replacement: Testing of the existing electrical conductor is being arranged through the electrical engineer. Testing is scheduled to begin Oct. 7 due to events schedule.
- Arena Elevator Modernization: Construction has begun on the arena lobby elevator. New hydraulic equipment and controller have been installed. Currently working on the new wiring being installed.
- Ballroom Airwall Refurbishment / Replacement: A recommendation has been received from Hall & Ogle stating it is in the best interest of the county to replace the airwalls. Additional meetings are scheduled to discuss the spec and layout for the new walls.
- Exterior Door Replacement: Scope of work has been reduced to include replacement of only the east lobby doors. Developed a plan to rebuild existing door hardware on the rest of the building in house.
- Garage Elevator Vestibules: Structural steel and roof has been installed at the northeast elevator. Field measurements for the glass storefront is complete. Glass storefront is being manufactured.

- LED Lighting: 60% construction documents have been delivered and are being reviewed by Ocean Center staff. It has been decided to proceed with the original scope of work for the ballroom ceiling and not do a full replacement / upgrade at this time.
- Parking Contract: New garage access control equipment is being installed on the Earl Street side of the garage and is in its final stages. Testing of the new equipment is scheduled for week of Sept. 16. Ora Street entrance equipment will be installed once Earl Street entrance is complete.

Public Protection – Information for weeks ending August 30 and September 6, 2019

Animal Services

- Weekly Stats for Aug. 17 to Aug. 30
 - Numbers of Incidents responded to 165 compared to 176 responses last year.
 - Animal Control Officers attended Animal Technical Rescue Awareness Training at the University of Florida in Gainesville, FL.
 - Veterinarian was selected to fill the vacant position in the Animal Care clinic, starting date was Aug. 28.

Beach Safety

- Information for weeks of Aug. 19 to Sept. 1
 - Over the last week Beach Safety responded to 2093 different calls for services, which include lifeguard, emergency medical services, law enforcement and environmental issues.

Corrections

- The Average Daily Population of week ending Aug. 27 was 1,410 inmates.
 - Corrections director met with the executive director and several members of the Farmworker Association of Florida in Pierson to discuss Senate Bill 168.
 - Inmate work crews continue to put together the greenhouse purchased with Inmate Welfare Funds to protect the tower gardens located at the Correctional Facility.
- Below are just a few of the tasks completed by inmate crews and security staff in preparation for Hurricane Dorian:
 - Provided security for the Emergency Operations Center.
 - Distributed more than 100,000 sandbags at seven different locations throughout the county.
 - Provided food service crews and all meals for Emergency Operations Center staff.
 - Distributed 125 cots to the EOC and the TCK buildings.
 - Picked up and delivered more than 20 pallets of water.
 - Provided staff to the Citizens Information Center.
 - Provided security staff for the homeless shelter at the Fairgrounds.

Emergency Management

- Information for the week ending Aug. 26
 - Hosted the Communication with People training for the hearing impaired.
 - Conducted a preparedness outreach program for The Falls in Ormond.

Emergency Medical Administration

Week of Aug. 25

- Aug. 27- Trauma Quality Management Committee meeting with stakeholders to discuss trauma quality management as it relates to municipal transports.
- Aug. 28 – Centralized Emergency Medical Services Training – meeting with Emergency Management Administration, and Daytona State College to discuss possible Emergency Medical Services training.

Emergency Medical Services (EMS)

- EMS Reports: Aug. 18 to Aug. 31
 - Calls: 2163
 - Transports: 1546

- Interfacility Requests: 205
- Interfacility Transports: 202
- BLS Ambulance Calls: 41
- BLS Transports: 27
 - Aug. 27 - EMS director had a meet and greet with Central Florida Regional Hospital management staff.
 - Aug. 27-28 – Classes held for Basic Life Support recertification, Pediatric Advanced Life Support (PALS) and Advanced Cardiac Life Support (ACLS).
 - Aug. 29 – Emergency Medical Services met with the Halifax Medical Center Stroke Committee.
 - Aug. 29 – Discussion of the logistics of Emergency Medical Services, Beach, and Fire Services medical supplies.
 - Aug. 29 – EMS director had a meet and greet with management and ER staff at Advent Health Daytona Beach.
 - Aug. 30 – EMS director had a meet and greet with Advent Health New Smyrna Beach.
 - Completing the After Action meeting post Storm Response.
 - Compiling all financial reporting from storm impact.
 - Hurricane deployment began Aug. 26 and crews were available 24/7. Crews began to demobilize Aug. 28 evening into Aug. 29 morning.

Fire Rescue

- Fire Response Aug. 18 to Aug. 31
 - Fire Calls: 182
 - EMS Calls: 428
 - EMS Transport: 36
 - 59 requests for fire prevention commercial permits, 48 business tax receipt requests; 20 new occupancies and 18 existing businesses. 33 fire plans were reviewed and comments were given (fire alarm, sprinkler, underground and suppression systems) and 30 field inspections were completed.
 - Two hazardous materials technicians represented Volusia County Fire Rescue in Colorado for a flammable liquids transfer class. This class is part of the nation's first responders' consortium training through the Department of Homeland Security.
 -

Public Works - Information for weeks ending August 23 and August 30 with Hurricane Dorian activities

Coastal

- Hurricane Dorian
 - Photo documented all coastal assets including dune walkovers, parks, restrooms, ramps and seawalls.
 - Coastal contractors removed trash cans, port-a-lets and toll booths from the beach and disassembled shade structures, shut down showers and restrooms.
 - Coastal staff finished shutting down showers, restrooms, splashpad and refueled vehicles.
 - **10 a.m. Sept. 4.** Coastal staff inspected, identified and documented all existing damage. Dune walkovers that sustained damaged or where a greater than eight inch drop off occurred due to beach erosion were closed. Coastal restrooms reopened and upland showers/splashpad turned on. On-beach showers turned on once storm surge receded.
 - Coastal admin staff prepared a cost estimate of damages.
 - **Sept. 5.** Coastal contractors replaced trash cans, port-a-lets and toll booths to the beach and reassembled shade structures.
 - Coastal staff assisted with the FDEP Beaches and Coastal Systems Hurricane Dorian beach erosion assessment, this included ground-truthing of beaches countywide to measure, document and characterize dune recession and beach erosion.
- Off-Beach Parking

- The Coastal & Beach Safety Operations Facility at 650 S. Atlantic Avenue received its certification of occupancy from the City of Ormond Beach.

Engineering & Construction

- Roadway & Trails
 - Countywide Resurfacing
 - Works continues on the resurfacing of Taylor Road and Blue Lake Avenue in the DeLand area.
 - West Park Avenue widening project in Edgewater
 - Placed structural asphalt on the new roadway throughout the entire length of the project. Continuing excavation on the last pond on the south side of the project. Shifted traffic on the east and west end of the project.
 - Veterans Memorial Bridge project in Daytona Beach
 - Installed deck beams at spans 11-15. Placed concrete for Spans 2 and 3 deck pour. Placing steel for Span 4 deck pour. Began constructing overlooks and barrier wall on west side of bridge.
- Vertical Construction
 - Corrections
 - Volusia County Branch Jail Boiler Modifications: Project complete and in close out.
 - Volusia County Branch Jail Roof Replacement: Roofing complete and in close out.
 - Fire Services
 - Fire Station 22 Remodel in Oak Hill: Oak Hill permit approved.
 - Fire Station 23 Station Rebuild in New Smyrna Beach: Electrical relocation in process. Data relocation completed.
 - Marine Science Center (MSC)
 - Roof Replacement: Skylight replacement due to hurricane to Sept. 16.
 - Mosquito Control
 - Parks, Recreation & Culture
 - Highbridge Pier Replacement: Preliminary Engineering complete. Costs submitted to Parks and Rec for FEMA approval.
 - Hope Place Park: Fencing and landscaping to commence in coming weeks.
 - Shell Harbor Marine Park: Walk through scheduled for Sept. 12.
 - Solid Waste
 - Tomoka Landfill Maintenance Building Roof Replacement: Bid closed Aug. 29. Purchasing compiling bid results.
 - Tomoka Landfill Household Hazardous Waste Canopy Addition Project: Bid closed Aug. 29. Purchasing compiling bid results.
 - WVTS Chute Repair – Repair of steel chutes at transfer station. Flooring repair being processed by Solid Waste as single source. Structural engineering Task Assignment (TA) in process.
 - Volusia County Sheriff's Office
 - Evidence Building: Project closed out. FPL monitoring branch and circuit voltage. Roofing issues addressed last week with no reported leaks to date.
 - Votran
 - Admin & Mary McLeod Bethune (MMB) Transfer Plaza Facility Hardening Projects. Both facilities under construction.

Mosquito Control

- Operations
 - Field inspectors conducted surveillance and treatment of mosquito larvae by ground and boat due to large amounts of recent rainfall. Requests for service from the public significantly decreased to 59 for the two-week period prior to Dorian (148 for Aug. 3 – Aug. 16).
 - Thirty-three thousand acres were treated prior to the Aug. 29 suspension of ULV operations for Hurricane Dorian.
 - Post-storm surveillance is underway to plan treatment operations following Hurricane Dorian.

- Prior to the arrival of Hurricane Dorian, equipment and vehicles were staged at several inland sites such as the Tomoka landfill and the Sheriff's office operations site on Tiger Bay Road and the helicopter was flown to the Orlando Convention Center.

Road & Bridge

- Dorian Prep
 - Road & Bridge began preparations for Hurricane Dorian on Aug. 26, included: Installing debris handling attachments on all heavy equipment, and fueling and testing of generators and large pumps.
 - Equipment to be used for push and shove operations in the Northeast quadrant of the County was staged at the Tomoka Landfill. Equipment for the Southeast quadrant of the County was staged along Tomoka Farms Road near the New Smyrna Speedway. Equipment for the Northwest quadrant of the County was staged at the DeLand facility and the equipment for the Southwest quadrant of the County was staged at the Osteen facility.
 - Road and Bridge drainage crews opened the sluice gates at the recently constructed Rio Way Stormwater Pond in Holly Hill to lower the water level in the pond to create additional storage volume for the storm. The pond was lowered approximately three-feet by Aug. 30.
 - Inspected inlets, ditches and stormwater systems to ensure they were functioning properly in anticipation of a significant rain event.
 - From Aug. 27 thru Sept. 2 crews assisted Corrections with sandbag operations by hauling fill material and bags to various locations throughout the County.
- Dorian Operations
 - Road & Bridge's forward operations center (FOC) activated at 1 p.m. on Sept. 3. Personnel staged to ride out the storm the DeLand Road & Bridge facility (Westside) and the Tomoka Landfill (Eastside).
 - Both Bascule Bridges (Highbridge & Main St.) were secured by late evening of Sept. 3. The Coast Guard was notified that bridge operations for marine traffic were suspended until the storm had passed.
 - Westside Road & Bridge crews began push and shove operations on Sept. 4. Very little debris and downed trees were encountered. The push and shove operation was completed by 4 p.m. with all County roads opened and cleared. Both bascule bridges resumed normal bridge operations by 11 a.m.
 - Two small sailboats came loose from their moorings and came to rest against the Main Street Bridge pilings. The Volusia County Sheriff's Office Marine Unit assisted Road & Bridge staff in towing the boats away from the bridge and securing them near the bank of the river. The bridge was inspected where the boats impacted the pilings and no damaged was observed.
- Post Dorian
 - Road & Bridge tree crews picked up the minimal amount of vegetative debris and inspected inlets, ditches and stormwater systems to ensure they were functioning properly after the event.

Solid Waste

- Disposal Activities: In the past two weeks, the Tomoka Farms Road Landfill received and processed over 13,751 tons of garbage, 6,012 tons of construction and demolition debris, and over 4,937 tons of yard waste.
- Disposal Activities: On Aug. 31, the Tomoka Farms Road Landfill processed three times the average number of residential customers as residents prepared for Hurricane Dorian.
- Illegal Dumping Enforcement: Solid Waste Management Compliance Officers investigated a report of commercially generated tree debris that was illegally dumped on San Jose Boulevard in Daytona Beach. Officers were able to identify the offender, requiring them to clean up and properly dispose of the debris at the Tomoka Farms Road Landfill.
- Waste Collection: On Aug. 20, County Council approved the solid waste non-ad valorem assessment resolution #2019-103 setting the FY 2019-20 rate at \$255 and capping future assessments at \$310 per year for residential improved real property in the unincorporated area of Volusia County. The non-ad valorem assessment funds collection, disposal, administrative, recycling processing costs, and a storm reserve.

Traffic Engineering

- Construction and Maintenance
 - Installed a new traffic signal controller cabinet and flashing yellow arrow at Providence Boulevard and Doyle in Deltona.
 - Staff adjusted signal timings along major hurricane evacuation routes to assist residents leaving coastal areas.
- Planning & Development Review
 - Provided detailed comments on draft TPO 2045 Long Range Transportation Plan land use assumptions.
 - Completed/Fast-tracked Deltona Warehouse development Traffic Impact Analysis (TIA) review, which included generating project cost estimates and calculating proportionate fair share.
 - Coordinated with cities on various development projects including: Ocean Gate Commerce Center (New Smyrna), Holiday Inn (Port Orange), and Liberty Station (Orange City).
 - Reviewed TIA or TIA methodologies: Newport Apartments (Port Orange) and Beresford Woods (DeLand).
 - Held public engagement meeting LPGA SubArea Study.
- Operational Studies
 - Staff Completed the following studies/requests:
 - San Jose Boulevard – Holly Hill.
 - Lake Mamie Road Speed Study – DeLand.
 - Tropical Drive & Sunny Shore Drive Study – Ormond By the Sea.
 - Acoma Drive Speed Study – Ormond Beach.
 - Providence Boulevard at Doyle Road Signal Modification Study – Deltona.
 - Williamson Boulevard at Ormond Town Square Signal Modification – Ormond Beach.
 - Blue Lake Road at Taylor Road Signal Modification – DeLand.
 - TMC at North Blue Lake Avenue and Parkmore Dr.
 - Speed Counts on San Jose Boulevard .

Water Resource and Utilities

- Implemented full scale activation of pre-storm protective measures at the 16 water and wastewater treatment facilities, 124 lift stations, and 26 water production wells, and ensured all emergency generators, by-pass pumps, radios, and monitoring equipment in full service.
- Completed annual maintenance and annual flow testing of 1,509 fire hydrants within all county utility service areas. Performed over a period of 12 weeks, preventative maintenance ensures reliable supply and water pressure for fire protection.