

## Volusia County Government Activities October 1 – October 31, 2019

### Aviation and Economic Resources

#### Daytona Beach International Airport (DBIA)

- Economic Development
- Airport operations –Taxiway Sierra extension was opened for operations on Nov. 6. The Taxiway Sierra extension provides the Embry Riddle Research Park West facility with direct access to the airfield. This was made possible by an FAA approved 'through the fence agreement.' This agreement allows the airport to receive rental revenue on land that they do not own.
- The Airport will conduct its annual table top exercise on Friday, Nov. 15. This year's exercise will be an after action review of the full-scale exercise conducted in March. Approximately 75 participants from 30 agencies that have a role in the FAA approved Airport Emergency Plan are expected to participate in the table top exercise.
- Airport business development/marketing – Airport staff met with representatives from an airline on Friday, Nov. 8 in Daytona Beach. This meeting resulted from a previous meeting at the Takeoff airline conference Oct. 28 & 29 with network planners from several airlines.
- Economic Development –The Division of Economic Development distributed the 2nd annual Today's Workforce publication during the Economic Development Quarterly breakfast Nov. 8. Today's Workforce provides graduation data from Volusia County colleges and high schools for all areas of certification, from associate degrees to graduate degrees.

### Budget and Administrative Service

#### Budget

- Completed the TRIM process by posting the Adopted Budget to the web before October 23rd and submitting required paperwork.
- Continued work on a comprehensive revenue manual.
- Worked with divisions to close out FY 2018-19 with necessary budget transfers.

### Business Services

#### Central Services

- TCK Building Cubicles – The Sheriff's Office Administrative suite on the 4<sup>th</sup> floor for Phase one and Phase two of new cubicle installations was completed this week. This accommodates all Finance and Human Resources employee office space needs.
- TCK Building Courtyard Project – The TCK courtyard area beside the snack bar will be completely demolished and renovated beginning on Nov. 9. The project is estimated to take 90 days for total completion.
- TCK Building Freight Elevator Refurbishment – Work will begin next week on the last TCK building elevator to be refurbished. The project is estimated for completion by the end of December.

#### Information Technology

- Provided the Census Bureau with nearly 7,000 new addresses resulting from new construction. Millions of dollars in federal and state funding depend on our numbers being accurate. This was a coordinated effort involving multiple County divisions and 10 cities.
- Improved emergency dispatch and public safety communications by coordinating the procurement and installation of all new radio consoles for emergency dispatchers.
- Enhanced the Medical Examiner's ability to identify remains by providing access to the new internally developed Scars, Marks, and Tattoos application.
- On Nov. 19 in the TCK Rotunda, there will be a GIS Day event. Staff from IT, Public Works, Growth Management, Emergency Management, the Property Appraiser, the Sheriff, and the Regional Planning

Council will all be on hand. The goal will be to show how Geographic Information Systems can be used to integrate systems, share data, collaborate, coordinate, and improve inefficiencies.

## Community Services

### Volusia County Agricultural Center

- An extension agent taught at statewide in-service training regarding Florida Fire History and Fire Behavior to 26 agents.
- Seventy-two professional applicators, growers and landscapers attended 'Circus' themed Pesticide Continuing Education Unit Day.
- The Family Nutrition Program assisted in revitalizing DeLand, Coleman and East Volusia Education Center head start gardens.
- Twenty-four new Master Gardener trainees have been selected for the training that will begin in Jan. 2020.
- UF, with UF|IFAS Extension – Volusia, is working towards developing proposed agreements to bring various classes to incarcerated individuals. The classes include: Green Industries Best Management Practices, Florida Friendly Landscaping™ Certified Professional training, and Florida Certified Horticulture Professional (FCHP).

### Community Assistance

- Housing and Grants Administration
  - Children and Families Program - The Children and Families Advisory Board (CFAB) Planning Subcommittee held two public stakeholder workshops to discuss and prioritize the service categories, risk factors, and scopes of work for community needs funded through the Request for Statement of Qualification (RSQ) process.
  - Disaster Recovery – Mitigation (MIT) - The Florida Department of Economic Opportunity (DEO) is currently gathering feedback and input on local priorities for the use of \$633,485,000 in CDBG-MIT funding in the state of Florida. DEO held one of several regional workshops on the topic in Brevard County on Oct. 30, which was attended by Housing and Grants Administration staff. The funding opportunity was described as “once in a lifetime” and transformational. DEO will develop and publish a draft action plan for a 45-day comment period regarding the use of the funds, they must submit the final version of their action plan to HUD by Feb. 2. Volusia County is one of 17 counties identified by HUD as Most Impacted and Distressed (MID). At least 50% of the funding must be expended within the MID areas.
  - Affordable Housing – Madison Cove Apartments - On Oct. 15, County Council selected the Madison Cove Apartments for the conditional award of a \$300,000 loan using SHIP funds. The project was one of four applications submitted for a loan for local government support for an allocation of low income housing tax credits in an area of opportunity. Madison Cove is a proposed 100 unit affordable housing development for seniors that would be located in Holly Hill if they secure full financing.
- Section 8
  - Awarded funding for 25 vouchers through the Foster Youth to Independence program. This will allow eligible youth identified through public child welfare agencies that are aged out of the foster system to receive rental assistance for a maximum of 36 months.

### Health Department

- Update: Hepatitis A Outbreak
  - As of Oct. 30, 265 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.
  - Mild influenza activity as of Oct. 19, influenza activity remained at low levels across Florida according to the Oct. 19 Florida Flu Review surveillance report. However, flu activity is expected to increase as the season progresses. Influenza seasons vary in timing, severity, and duration. It is

not possible to predict what the 2019-20 influenza season will be like in Florida. Annual vaccination is the best way to protect against influenza and its complications, which can be severe. Flu vaccine is available at DOH-Volusia locations in Daytona Beach, New Smyrna Beach and Orange City.

#### Library Services

- Since opening the Hope Place Public Library in early June, the library has welcomed 10,691 visitors, provided 591 meals to children while they were on summer break. 961 neighborhood children have attended 49 programs.
- The Volusia County Public Library offers downloadable music from two providers encompassing over 80% of the US music market. Each of the providers, Freegal and hoopla, offer something a little different. Freegal connects you with the entire Sony Music Entertainment catalog with millions of songs. Create playlists and stream them 24/7 or download DRM-free mp3 files of your favorite songs and keep them! In total the collection is comprised of music from over 40,000 labels with music that originates in over 100 countries. Hoopla allows you to borrow an album and either stream or download it to your device. This service provides access to thousands of albums from most of the major record companies.

#### Parks, Recreation & Culture

- Park Operations
  - Park Operations has completed playground installation and security camera installation and began construction of the basketball court at Hope Place play area. They have also trimmed all trails at Doris Leeper Spruce Creek Preserve, installed fencing and signs at Shell Harbor Park, made improvements to caretaker house at Mariners Cove Park, repaired electric and irrigation system at Chuck Lennon Park and completed trail repairs at Lake Beresford and Green Springs Park.
- Recreation
  - Robert Strickland BMX Park Operations bid closed and a vendor was selected. Also at Robert Strickland the 13th Annual United Way Benefit Softball Tournament was held on November 2. There were 12 teams co-sponsored by Delta Airlines, Daytona Regional Airport and United Way.
  - The Post Cards from Santa program has started. This is a free program offered to the public. Individuals can send their children's names into our elves e-mail account and they will receive a post card from the North Pole!
- Culture
  - DeBary Hall held several events at their facility. The Lemonade Lecture featuring the "Naked Astronomer" Bob Vogel. Mr. Vogel, a member of the Central Florida Astronomical Society, specializes in astronomy involving the naked eye. His presentation provided a description of everything amateur astronomers can observe in the night sky. Additionally, Mr. Jeffries, a master gardener with the University of Florida/Volusia County Extension, discussed basic care needs, how to diagnose and correct problems, and where to place plants at a Master Gardener presentation on houseplants. Lastly, the Florida Scenic Highways Program held their 2019 statewide meeting in the Debary Hall Historic Site's stable.

#### Votran

- Faded bus stop sign replacement was completed on Routes 3, 4, 5, 6, 7,10,15,17A, 17B, 40 and 41. Nine new Paratransit buses were received.
- Marketing activities were conducted at the Deland High School FACT Fair, Daytona State College Homecoming, Daytona State College Abilities Awareness Day, Florida United Methodist Children's Home Adulting Event, and at the White Cane Awareness/Pedestrian Safety Day.

#### County Manager's Office

##### Community Information

- Community Facebook Page
  - Total page likes: 7,879



- New page likes: 291

## Finance

### Human Resources

- New Human Resources Director – Dana Paige-Pender
- Benefits – 2020 Open Enrollment Update
  - 2,989 Total Benefit Eligible Employees.
  - 2,524 employees had no changes and had their benefits to roll over.
- 2019 Health, Wellness, and Benefits Fair
  - 1,498 employees attended.
  - 1,508 total vaccinations (Flu, Hep A, and Tetanus) were administered.
    - 655 Flu
    - 722 Hep A
    - 131 Tetanus
  - 2,006 employees Complete an Online Health Assessment
  - 1,210 employees completed a Lipid Panel with CentraCare
  - 228 employees had an AIC with CentraCare
  - 407 employees completed a Lipid Panel with the Occupational Health Clinic
- Diversity Initiative
  - Human Resources held two successful Annual Cultural Diversity Celebration Luncheons on the West (Oct. 11) and East (Oct. 16) locations of the County.
- Employment
  - 113 requisitions (requests to fill a vacancy) received.
  - 1,247 applications received and process.
  - 30 new/rehires onboarded.
  - Five Career fairs attended on behalf of the County (Bethune-Cookman, Stetson, Public Safety – ATC, Daytona State, Goodwill).

## Growth and Resource Management

### Administration

- Public Outreach:
  - Presentation on smart growth to the Daytona Beach Regional Chamber as part of the “Eggs and Issues” series.
  - Participated in walking tour of the Main Street Redevelopment Area with representatives from the city of Daytona Beach and the Daytona Regional Chamber.
  - Staff gave a presentation to the League of Women Voters regarding smart growth and the future of development within Volusia County.

### Building and Code Administration

- Meeting
  - The CLCA met on Oct. 2 and heard six items.
  - The Code Enforcement Board met and heard 51 items.

### Environmental Management

- Environmental Management staff participated in the official signing of the East Central Florida Regional Resilience Collaborative at the East Central Florida Regional Planning Council in Orlando. Council Member Wheeler was one of the distinguished speakers at the event and highlighted Volusia County’s prominent role in the creation of this regional framework to address the impacts of climate change. Chair Kelley signed the MOU on behalf of the county. Council Member Girtman was also in attendance, representing the county.
- Green Volusia

- Staff met with St. Johns River Water Management District staff to discuss collaborative opportunities and projects for community education and outreach on nutrient pollution, water quality and conservation.
- Staff presented the Be Floridian Now program to the City of DeBary at the regular city council meeting, for the purpose of utilizing the program in the city's fertilizer ordinance outreach and education.
- An educational session about micro-plastics and nutrient pollution at a marine debris cleanup, was held in partnership with Daytona State College.
- Green Volusia staff participated in multiple outreach events, met with Duke Energy representatives to discuss energy-saving options available to those within their service area, and worked with Blue Spring State Park staff to discuss coordination and joint programming for the Save our Springs and Rivers Academy and other education program efforts. They also represented the Be Floridian Now program at the Marc Bernier Show, presented to a class at Stetson University about the benefits of sustainable landscape plants, including a walking tour of campus, and met with Stetson University students about a group project to create a local food story map.
- Staff facilitated the second, six day, Save our Springs and Rivers Academy through the County's Florida DEP 319 (h) grant started. The Academy started on Oct. 24 and concludes on Nov. 15. Staff led the educational kayak tour at Blue Spring State park.
- Staff presented to a UF/IFAS Homebuyers course of 34 participants on water conservation and BFN.
- Staff attended the State Forestry Open House for an outreach event.
- Partnered with University of Florida and Stetson University to create a survey for Homeowner's Associations on landscaping practices.
- Presented at or tabled seven events, including the Water Symposium and the Marc Bernier Show
- Showcased the "Imagine a Day Without Water" display in the TCK Administration building
- **Pollution Control**
  - Staff attended meetings on DeBary Bayou, a Projects Team Meeting at the Daytona Beach International Airport, and attended the annual Environmental Excellence (E2) Day at Ports of Call, Seaworld.
- **Public Outreach (Explore Volusia)**
  - Staff led six public programs to encourage Volusia County residents and visitors to get out onto conservation lands and to learn more about exotic species and land management. Staff also completed the last two days of the Florida Master Naturalist Freshwater Course. Four of the students graduated as Master Naturalists. Worked with Project IBIS providing education to local high school students. Gave a radio interview with Volusia Magazine to promote Explore Volusia.
- **Public Outreach (Lyonia Environmental Center)**
  - The LEC hosted 17 public outreach events including hikes, educational classes, and movie nights. They also hosted two science teacher workshop and the Florida Grasshopper Sparrow working group meeting.
- **Public Outreach (Volunteer Volusia)**
  - Staff coordinated two beach cleanups and education programs with 75 participants volunteering a total of 150 hrs. Staff launched a new volunteer program, Adopt a Trail. Volunteer Volusia lead all training at Doris Leeper Preserve with six participants volunteering for 12 hours.
  - **Meetings:**
  - Staff attended the South Atlantic Coastal Study Stakeholder Engagement Field Workshop hosted by the U.S. Army Corps of Engineers. The study focusses on vulnerability and flood risk reduction.
  - Staff attended the State Derelict Vessel program and DEO CDBG Mitigation workshops held in Brevard County.
  - Staff attended the Volusia Water Alliance 2019 Fall Symposium.
- **Natural Resource Protection**
  - Manatee Protection Program (MPP): Staff continued coordination for the Blue Spring Manatee Observer program, responded to a manatee stranding as well as a dolphin stranding, and presented Microplastics education during project IBIS. Staff responded three marine mammal standings and one manatee release. Staff provided three presentations, twice on microplastics education, and

once on the Manatee Protection Program. Staff assisted with the Save the Manatee Club and Seminole Scuba, Blue Spring State Park cleanup.

- Marine Science Center (MSC)
  - The MSC staff hosted a multitude of educational groups, participated in a round table discussion regarding the Indian River lagoon on the Marc Bernier show at the News Journal Center, and worked with a group of Daytona State College students to develop a survey to help gauge the interest of local environmental issues to tourists visiting the area.
- Water Quality
  - Staff conducted water sampling at 41 stations at rivers, springs, and stormwater ponds throughout the county Sea Turtle Nesting: The 2019 nesting season began on May 1 and will run through Oct. 31. As of Sept. 16, there have been 980 nests laid on our beaches. This breaks our previous record of 919 nests in 2012. 257 nests were lost to Hurricane Dorian.

#### Planning and Development Service

- Meetings
  - The DRC and PLDRC hearings were held and heard twelve items, collectively.

### Ocean Center

#### Events

- The Ocean Center will host culinary leaders at the Spectra Plant-Strong Innovation Workshop on Nov. 14. The Ocean Center, Spectra Food Services & Hospitality, and the Humane Society of the United States are partnering on an innovative workshop designed to provide Spectra's culinary leaders with all the tools they need to deliver a wide variety of plant-strong foods to their customers. Spectra Chefs from across the country will collaborate with the Humane Society of the United States to create flavorful, plant-based items for concession and catering menus. The Ocean Center recognizes the importance culinary services play in event planning and we look forward to the knowledge this workshop will provide Spectra's team and the choices it will afford our clients in the future.

#### Capital Projects update

- Arena Elevator Modernization: New hydraulic equipment, controller, cabling, push button stations, and door operator have been installed on elevator three (arena west lobby). Currently working on installing New hydraulic equipment, controller, cabling, push button stations, and door operator on elevator four (arena north door)
- Arena Floor Box Replacement: Testing of the existing electrical conductor is being arranged through the electrical engineer. Testing is scheduled to begin the week of Nov. 11.
- 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. A final meeting was held to discuss the spec and layout for the new walls.
- Garage Decking: This project is being separated into three phases. Phase one – Repair and sealing of level two. Phase two - Repair and sealing of level six. Phase three – Repair and sealing of levels three, four and five. Construction documents and Bid Request sent to purchasing on Nov. 6.
- Garage Elevator Vestibules: Structural steel and roof has been installed at the southwest elevator. Field measurements for the glass storefront is complete. Glass storefront is being manufactured. Northeast vestibule is complete.
- LED Lighting: 90% construction documents have been delivered and are being reviewed by Ocean Center staff.
- Parking Contract: New garage access control equipment has been installed on the Earl Street side of the garage. Testing of the new equipment was completed this week. Ora Street entrance equipment installation is complete. Pay-On-Foot stations are currently being installed.
- Sound System: Final round of questions have been answered. Bid documents are being created.

## **PUBLIC PROTECTION**

### **Animal Control**

- Number of Incidents responded to: 313 compared to 387 responses last year. This is a 19% decrease
- On October 30, 2019 an integrated Animal Services Case Management System was successfully installed and implemented to assist with all activities at our facility, including: licensing, field operations, cashiering, and veterinary record-keeping.

### **Beach Safety**

- Beach Safety rescued 179 people from the surf.
- Beach Safety responded to 4,887 different calls for service, which include lifeguard, emergency medical services, law enforcement and environmental issues.
- Beach Safety participated in 7 public relations events reference recruiting and beach safety awareness.

### **Corrections**

- The Average Daily Population for October was 1,483 inmates.

### **Emergency Management**

- The Emergency Management Director attended the South Atlantic Coastal Study (SACS) Stakeholder Engagement Field Workshop as part of a four-year study to review Existing/Future Conditions and Problems/Opportunities, Existing/Planned Risk Reduction Strategies and Projects as well as Institutional and Other Barriers to Reducing Risk. The Field Workshop was a collaboration of individuals to identify and share ideas on what management strategies/approaches/projects that are currently working to reduce risk to populations, infrastructure and environment from coastal storms.

### **Emergency Medical Administration**

- In an effort to move the nurse triage program forward, has nearly completed the internal development of a platform for electronically capturing the nurse's assessment and disposition of patients routed to the nurse triage program. Efforts continue to modify and refine the program as we progress toward the December 9, 2019 'go live' date. Testing is slated for mid-November.

#### **Emergency Medical Services**

EMS Report – October 1 through October 31, 2019

EMS Calls: 5004

Transports: 3638

Interfacility requests: 516

Interfacility transports: 504

BLS ambulance calls: 50

BLS transports: 31

### **Fire Rescue**

#### **Fire Response for October 1 through October 31, 2019**

- Fire Calls: 434
- EMS Calls: 954
- EMS Transport: 55

### **Fire Marshal Office**

As provided by Amanda reporting system: 09/28 through 11/1/19



- 333 Commercial permits and business tax receipt (BTR) applications
- 25 of those were for CAS (Commercial Accessory) and Commercial Structures – These applications require a very thorough plan review
- Of the 157 BTR applications:
- 108 were new BTR and 49 were existing (Business location change)

## Public Works

### Coastal

- Elected and appointed officials from Volusia County, Daytona Beach and New Smyrna Beach attended the Florida FWC Northeast Regional Derelict Vessel Workshop held in Brevard County on Oct. 30. The workshop provided information on the latest legal, practical and policy tools for identification, investigation and removal of derelict vessels on public waterways. The County will disseminate the workshop information to all Volusia County municipalities.

### Engineering & Construction

- Roadway & Trails
  - Harbor Road
    - Notice to proceed for the Harbor Road shoreline repair and stabilization to be issued Nov. 11.
  - West Park Avenue widening project in Edgewater
    - Placed stabilized subgrade and limerock for the westbound travel lane (north side). Completed City of Edgewater utility placement and working on the final storm drain pipe placement.
  - Veterans Memorial Bridge project in Daytona Beach
    - Installed four drilled shafts for the City Island/Orange Avenue intersection. Placed concrete for Span seven, and formed up spans 11 and 12 for concrete placement. Continued building the concrete posts for the handrails and overlooks.
- Vertical Construction
  - Daytona Beach Intl Airport – Customs and Border Patrol Protection Remodel
    - Submittals in process
  - Corrections
    - Volusia County Corrections Facility Chiller Replacement: Chiller work complete, less minor controls work. Awaiting confirmation of delivery/install schedule for additional roof top unit – tentative delivery is mid-November.
    - Sewing Building: Architect working on schematic design.
  - Fire Services
    - Fire Station 22 Remodel in Oak Hill: Oak Hill permit approved. Architect 100% plans submitted to County staff for review. Will wait to solicit when the current FS 23 modular can be relocated to site.
    - Fire Station 23 Station Rebuild in New Smyrna Beach: Demolition complete. Fire Services is confirming additions to the modular prior to order.
    - Fire Services Paving Projects: Contacting contractor for civil/permitting services for the paving of fire stations 11 (Halifax), 32 (Spring Lakes), and 44 (Pierson).
  - Marine Science Center (MSC)
    - ADA Upgrades: Scoping meeting held was held Oct. 29.
    - Electrical Upgrade: Construction in process. Final FPL transformer upgrade complete. Deck in progress.
    - Roof Replacement: Closing out project.
    - Touch Pool: Preconstruction meeting complete. MSC staff reviewing tank submittals.
  - Mosquito Control:



- Modular Unit: Engineering and construction to solicit electrical/plumbing packages. Purchasing has approved the Mobile Modular solicitation and is coordinating with Mosquito Control.
- Parks, Recreation & Culture
  - Roberta Pier Replacement: Upper structure 75% complete. Final decking and ADA construction in process.
  - Shell Harbor Marine Park: Closing project out. Parks to schedule ribbon cutting.
  - Highbridge Pier Replacement: Demolition of deck complete. Preliminary Engineering complete. Costs submitted to Parks and Rec for FEMA approval. Project on hold until notified.
  - Hope Place Park: Engineering and Construction bidding pavilion and fencing, landscaping, and irrigation. Fencing complete. Landscaping in process with the City of Daytona Beach irrigation tap being scheduled.
- Solid Waste
  - Tomoka Landfill Maintenance Building Roof Replacement: Recommendation of Award approved at the Nov. 5 Council meeting.
  - Tomoka Landfill Household Hazardous Waste Canopy Addition Project: Recommendation of Award approved at the Nov. 5 Council meeting.
  - WVTS Chute Repair – Repair of steel chutes at transfer station. Flooring repair being processed by Solid Waste as single source. Structural engineering task assignment complete. Awaiting construction documents.
- Votran
  - Admin & Mary McLeod Bethune (MMB) Transfer Plaza Facility Hardening Projects. Both facilities under construction
  - Ocean Walk/ITF A1A Bridge Repair: Final documents complete. Awaiting direction from Votran on how to proceed with solicitation (budget).
  - Westside Facility Parking Project (storm/paving etc.): Geotech, base survey complete. Four zone phasing approved by Votran. Construction documents in process.

#### Mosquito Control

- Mosquito Control is working with the Department of Health regarding our mosquito-borne illness advisory for increased West Nile Virus (WNV) activity. Approximately 122,000 acres have been adulticided by air and surveillance shows an average reduction of 87% in mosquito populations. We continue to monitor our sentinel chickens for virus activity and proactively respond to *Culex nigripalpus*, which is the primary vector of WNV.

#### Road & Bridge

- The Road & Bridge staff closed out the fiscal year by reviewing the 2019 annual work plan for all the services the Division provides. A work plan is prepared each year in order to schedule tasks, allocate labor and ensure the level of service is met for tasks such as right-of-way mowing, dirt road grading, sidewalk maintenance, litter removal, stormwater system maintenance, street sweeping, sign maintenance, and roadway striping. The annual review of the work plan provides valuable information to determine if production rates and scheduled maintenance goals are being achieved.

#### Solid Waste

- Disposal Activities: In October, the Tomoka Farms Road Landfill received and processed over 31,250 tons of garbage, 13,213 tons of construction and demolition debris, and over 9,372 tons of yard waste, including having Sunday operational hours in support of community Biketoberfest events.
- Litter Enforcement: In October, Solid Waste Management Compliance Officers have actively patrolled SR 44 & SR 415 conducting 171 secured load inspections and issuing 23 written warnings to address windblown litter from unsecured waste loads.
- Recycling Education: On Oct. 4, Solid Waste staff attended Tomoka Fest at Tomoka State Park, providing recycling education material to 100 event participants.

#### Traffic Engineering

- Construction and Maintenance
  - Signal staff turned on new push button ped crossings at A1A & Kingfish Avenue and A1A & Grouper in New Smyrna Beach.
- Planning & Development Review
  - Coordinated with cities and/or developers on various development projects including: Edison Apartments (Daytona Beach) driveway access, Clyde Morris Apartments (Daytona Beach) driveway access, Estates at Pelham Square (unincorporated/west of DeLand) mitigation, Deltona Industrial (questions from City of Orange City staff), Blue Springs Ridge (Orange City), Holiday Inn (Port Orange), and The Palms at Ashton Lakes (Port Orange).
  - Reviewed & Commented on the following Transportation Impact Analysis (TIA), TIA methodologies and/or Proportionate Fair Share/Mitigation negotiations: Williamson Crossings (Daytona Beach), Deltona Village (Deltona), Aventura Health (Port Orange) and Central Park at Oakwater (Port Orange), Walkers Green (Daytona Beach), Liberty Station (Orange City), West Volusia Crossings (Orange City), and Cloar (Daytona Beach), Palms at Ashton Lakes (Port Orange).
  - Attended Pre-DRC and Staff Review meetings on the following staff-reviewed county unincorporated development projects: Lake Caraway (DeLeon Springs area), Gold Label Trucking (DeLand area), Arabian Acres (DeLand area), Estates at Pelham Square (DeLand area), Mermaid Cove Subdivision (Ormond By the Sea), Sunshine Storage (Daytona Beach area), Wisteria Subdivision (DeLand Area), DeLand Borrow Pit and DeLand Landfill (DeLand area), Halifax Plantation Unit II, Section O, Phase 1 (Northeast Volusia County), Granville Farm (Lake Hill area) and Jungle Den RV Campground Rezoning, (Astor area).
  - Attended development-related meetings with developers and cities including: Fountainhead project (Holly Hill), Deltona Village retail center (Deltona), and The Edison multifamily (Daytona Beach).
  - Provided comments to GRM on the Daytona Beach Tomoka Parcel F and Neighborhood V comprehensive plan amendments.
  - Attended kick-off scoping meetings for future SR 472-Howland Blvd Area-wide Transportation Study.
- A group of young students participating in STEM (science, technology, engineering and math) recently met with Traffic Engineering and Engineering & Construction staff. The student ages ranged from 9 to 10 years old and two of the students were from Moscow, Russia. The Deltona-Daytona Beach-Ormond Beach metropolitan area is ranked as the 2nd most dangerous area in the country according to the 2019 edition of Dangerous By Design. The students wanted to understand the situation and asked probing questions about pedestrian crashes and current pedestrian safety design. The students are looking into potential solutions to reduce pedestrian related crashes and will present their solution to staff once they have completed their project.

#### Water Resource and Utilities

- Annual Production Activities for the period Oct 1, 2018 – Sep 30, 2019:
  - Water Production (nine facilities) Annual: 1.52 billion gallons, Daily Average: 4.16 million gallons
  - Wastewater Treated (seven facilities) Annual: 817 million gallons, Daily Average: 2.24 million gallons
  - Reclaimed Distributed: Annual: 402 million gallons, Daily Average: 1.10 million gallons
- Hosted River & Springs Academy and DeBary residents in two (2) tours of the Southwest Water Reclamation facility. Participants learned how the facility operates (recycles water and biosolids for beneficial use) and its important role in the County's strategy for protecting the Blue Spring and Gemini Springs watersheds. (County employee in the photo is Chief Operator, Phil Larrimore)



Chief Operator Phil Larrimore reviews plant operations with tour participants.