PUBLIC WORKS ANNUAL REPORT

FY 2023





TABLE OF CONTENTS



Board of County Commissioners	4
Mission, Vision, Values	6
Administration	7
Director's Message	9
Hurricane Ian	10
Business Services	15
Engineering	27
Maintenance & Operations	39
Mosquito & Aquatic Weed Control	61
Solid Waste	73
Employee Enrichment	90
Facebook & Website Analytics	110

COMMISSIONER COUNTY



Ken Doherty







Christopher Constance

District 2





Bill Truex

District 3





Stephen R. Deutsch

District 4





Joe Tiseo

District 5

BCC GUIDING PRINCIPLES

- To be recognized as a community leader in quality of life issues
- To improve Charlotte County government's morale and employee satisfaction
- To increase and enhance the organization's and Charlotte County's productivity and performance
- To enhance and improve our customers' satisfaction
- To positively change the image of government
- To improve communication both internally and externally

BCC FOCUS AREA GOALS

Economic & Community Development

To create a business climate that promotes a diversified, growing economy consistent with sustainable growth management plans, environmental stewardship and enhanced quality of life

Infrastructure

To build and maintain countywide infrastructure that meets our evolving needs and enhances our community appearance, improves public safety and protects our natural resources

Public Services

To maintain a safe and healthy community by delivering essential services from skilled, professional and dedicated public servants

Efficient & Effective Government

To manage fiscally sound county operations with a culture of transparency, accountability, citizen engagement and innovation

OUR MISSION

Delivering exceptional service

OUR VISION

To preserve and enrich our community's quality of life for those who live, work and play in our paradise

OUR VALUES

Committed • Accountable • Resourceful • Energetic • Supportive

Hector Flores

County Administrator



OUN N

Emily Lewis

Deputy County Administrator



Claire Jubb

Assistant County Administrator



The County Administrator is appointed by the Charlotte County Board of County Commissioners. It is the responsibility of the County Administrator to implement decisions, policies, and ordinances of the Board. The County Administrator has the authority and responsibility to manage the day to day operations of the county in a manner consistent with the Board's policy and directives.





John Elias

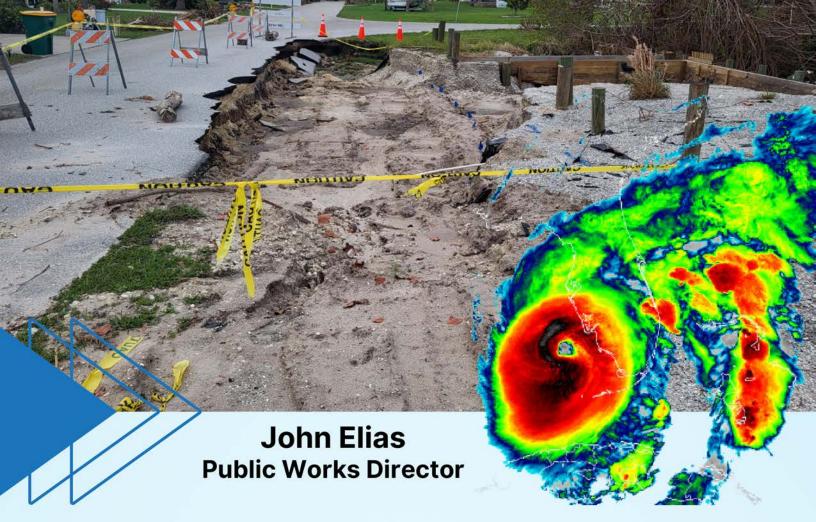
Public Works Director

Team,

As we reflect on the past year through the pages of this annual report, it brings me great pride. This annual report was intended to be both a forward-facing document to elected officials, Administration, and the public, as well as a "yearbook" of sorts for our team to reflect and memorialize each other's efforts through various initiatives and projects. We strived to capture a myriad of projects through photos and data and aspire to continuously improve the final product.

This document details not only the numerous projects we are part of, but how we conduct outreach, public education, and improve the health and safety of our community. It also shows how much we are all part of the fabric of the society we live in. I have always found public service to be a profoundly rewarding endeavor and this report illustrates feels that our team the same. The passion professionalism that this department shows every day is truly inspirational and I am very proud to be part of it.

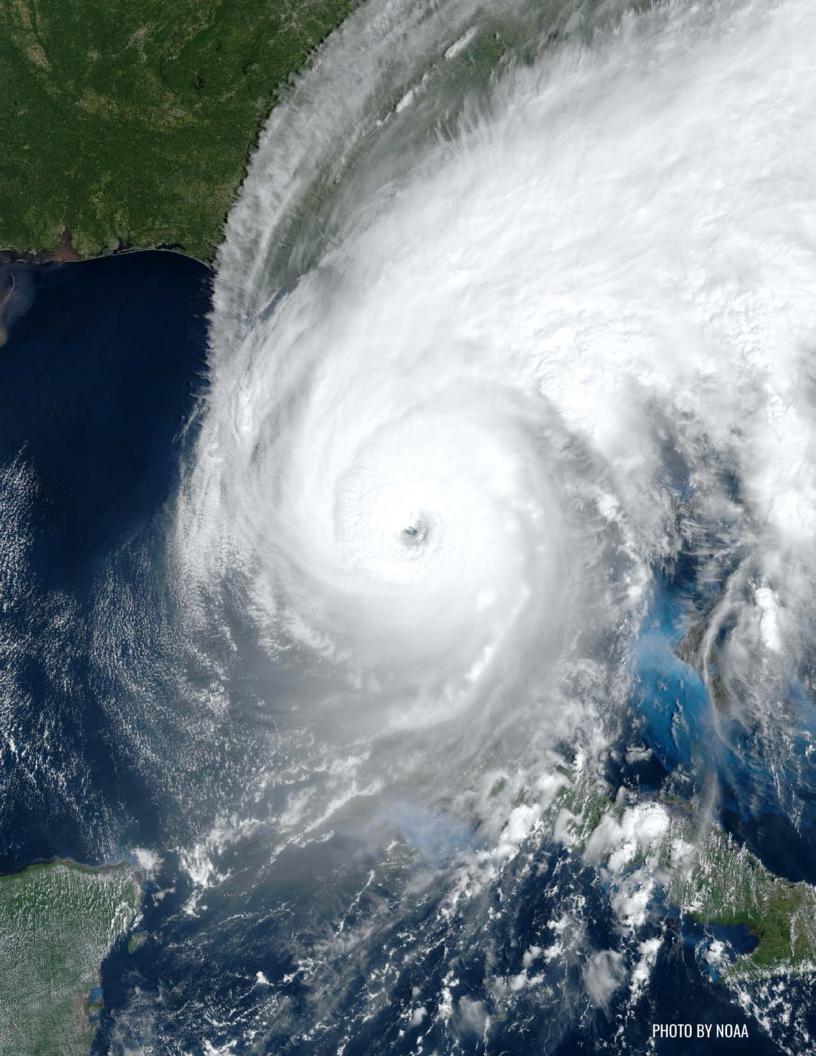
MESSAGE FROM THE DIRECTO



As Hurricane Ian made landfall, no one could have known that it would be the most devasting storm in our county's history. Our team, comprised of some less tenured folks, responded amazingly. From those who served in the Emergency Operations Center (EOC) for days on end, to those who worked in less-than-ideal conditions post storm as boots on the ground, Public Works served as the tip of the spear in our service to our citizens pre, during, and post storm.

Having worked through several storms throughout my career, it was profoundly impactful to see the way we persevered in the face of such adversity. So many of us did this without knowing the full conditions of our own homes. Even more challenging, many of us did know the conditions of our homes and had to put that on the back burner to pull together in our commitment to the citizens of our community. As always, we did whatever it took to include making our roads clear and safe, to food delivery, to detailed post storm damage assessments and so many other countless assignments.

As the subsequent days, weeks and months seemed to blur together, we continuously had to remind ourselves that this is a marathon and not a sprint. Armed with this knowledge, it should be noted that marathons are tough and have a huge impact on us both emotionally and physically. Our storm response certainly made that clear. We should all be so proud of how we pulled together in our response and know that as a team we can overcome anything thrown in our way. I couldn't be prouder to serve with such an amazing remarkable team



PUBLIC WORKS BY THE NUMBERS



TOTAL POSITIONS

Due to the influx of population in Charlotte County,
Public Works requested the Board of County Commissioners
approve 66 full time positions in order to maintain the level of
service we provide on a daily basis.

SOLID WASTE: REQUESTED 10 NEW POSITIONS

MOSQUITO & AQUATIC WEED CONTROL: REQUESTED 3 NEW POSITIONS

MAINTENANCE & OPERATIONS: REQUESTED 51 NEW POSITIONS

ENGINEERING: REQUESTED 1 NEW POSITION

BUSINESS SERVICES: REQUESTED 1 NEW POSITION

KARLY GREENE MAINTENANCE & OPERATIONS

DIVISION MANAGERS

JOANNE VERNON ENGINEERING

JOHN ELIAS DIRECTOR

1181/00683

KENNA HUBAI BUSINESS SERVICES

SCOTT SCHERMERHORN MOSQUITO & AQUATIC WEED CONTROL

RICHARD ALLEN SOLID WASTE

13





BUSINESS SERVICES

The Business Services team became the 5th division of the Public Works department in March 2023. Kenna Hubai is the division manager and oversees 11 positions.



STAFF:

10 Full Time Employees
1 Vacancies

OVERSEES:

Administrative Support Initiatives Cemetery Operations Grants Training Public Relations



BUSINESS SERVICES HURRICANE IAN RECOVERY EFFORTS



OUR EFFORTS

Business Services involvement and support varied across the board from being assigned to the Joint Information Center (JIC), assisting with any human needs, helping the Sign Shop repair/replace 12,692 stop signs, to handling roughly 20,000 Daily Disaster Logs (DDLs) and data entry for the entire department.

This storm brought an unprecedented amount of damage to the county-owned cemeteries. This resulted in 80+ overturned headstones and significant damage to some gravesites. Thanks to the support and skill of our field staff, we called on them to assist in taking the necessary steps to make the cemeteries safe and accessible for the community.



LT. CARL BAILEY

Lieutenant Carl Bailey Cemetery had 2 damaged graves and 4 overturned headstones as a direct result of Hurricane Ian, as well as the loss of several beautiful oak trees.



INDIAN SPRING

storage shed during Hurricane lan There were also approximately 80 headstones that were overturned during the wrath of Hurricane lan.



HICKORY BLUFF & SOUTHLAND TRAIL

Hickory Bluff and Southland Trail cemeteries had no significant damage. Facilities repaired the fence at Hickory Bluff and we removed some fallen tree branches at Southland Trail.

COUNTY-OWNED CEMETERIES



SF = Square Feet

CEMETERIES



\$121,646,163 Applied for

\$31,609,753.66

Awarded Year to Date

WEST COAST INLAND NAVIGATIONAL DISTRICT (WCIND)/BOATER REVOLVING FUND GRANTS FY23:

- New Marine Markers Applied for FY23 funding & awarded \$50,000
- Marine Debris Removal Applied for FY23 funding & awarded \$50,000
- Maintenance to Navigation Aids Applied for FY23 funding & awarded \$80,000

WCIND/BOATER REVOLVING FUND GRANTS FY24:

- New Marine Markers- Applied for FY24 funding for \$30,000
- Marine Debris Removal Applied for FY24 funding for \$80,000
- Stump Pass Monitoring Applied for FY24 funding for \$50,000
- Manasota Key Beach Renourishment- Applied for FY24 funding for \$150,000
- Maintenance to Navigation Aids- Applied for FY24 funding for \$90,000

DEPARTMENT OF TRANSPORTATION (DOT) - REBUILDING AMERICAN INFRASTRUCTURE WITH SUSTAINABILITY AND EQUITY (RAISE) GRANT:

Applied for \$25,000,000 for the construction to widen Harborview Road

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) - SUNTRAIL:

- Applied & awarded \$290,000 for the design of the south fork of Alligator Creek Bridge
- Applied & awarded \$468,000 for the design of US 41 @ State Road (SR) 776 to Gillot Boulevard
- Applied & awarded \$189,000 for the design of SR 776 to the Myakka State Forest

UNITED STATES DEPARTMENT OF AGRICULTURE (USDA) - NATIONAL RESOURCE & CONSERVATION SERVICES (NRSC) - EMERGENCY WATERSHED PROTECTION (EWP):

- Applied & awarded \$8,309,028.80 for waterway debris removal
- · Applied & awarded \$1,274,528 for debris removal from the Desoto Ditch

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) - BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM (BMFAP):

- Applied & awarded \$1,101,438 for Charlotte County beach renourishment 22CH1
- Awarded an additional \$241,707 via amendment 1 to agreement 22CH1 for beach renourishment
- Applied & awarded \$1,312,714 for the 2022 Hurricane lan & Nicole recovery project 23CH1
- Applied for \$196,788 for Manasota Key Beach Restoration & County Erosion Control 24CH1

FDOT - EMERGENCY RELIEF:

- Applied for \$692,911.20 to repair severe road erosion on Gillot Boulevard from Hurricane Ian
- Applied for \$350,176.91 for the rehabilitation of Oyster Creek Bridge from Hurricane Ian
- Applied for \$1,200,000 to replace light poles and bases that were lost during Hurricane lan

18 GRANTS

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) - HAZARD MITIGATION GRANT PROGRAM:

- Applied for \$595,559.55 for leachate plant generators & enclosures (DR-4673)
- Applied for \$6,487,935.77 for open outfalls/canal hardening (DR-4674)
- Applied for \$688,590.53 for the Buck Creek Bridge slope wall hardening project (DR-4675)
- Applied for \$6,901,621.74 to replace traffic light mast arms at 11 county intersections (DR-4676)
- Applied for \$19,306,966.20 for the Public Works Safe Room project (DR-4678)
- Applied for \$688,590.53 for the Oyster Creek Bridge slope wall hardening project (DR-4680)
- Applied for \$4,295,550 for highway light pole infrastructure retrofit
- Applied for \$407,204 for a new generator at the Punta Gorda Yard
- Applied for \$132,189 for a new generator at the new JB Yard
- Applied for \$147,999 for a new generator at the San Casa Yard

STATE APPROPRIATIONS FDOT - LOCAL AGENCY PROGRAM (LAP):

- Applied & awarded \$2,500,000 for the Kings Highway & Harborview Road intersection improvements
- Applied & awarded \$3,320,000 for the Veterans Boulevard corridor improvements

STATE APPROPRIATIONS FDEP:

- Applied for \$1,596,120 for the Manasota Key Beach Renourishment project
- Applied for \$1,110,129.75 for the Stump Pass Beach Renourishment project

FDOT - PRIORITY PROJECTS:

- Applied for \$1,110,415 for a intersection signalization at SR 776 & Biscayne Drive
- Applied for \$181,538 for intersection turn lanes at SR 776 & Cornelius Boulevard
- Applied for \$181,538 for intersection turn lanes at SR 776 & Jacobs Street
- Applied for \$3,116,983 for turn lane improvements on Veterans Boulevard at Cochran Boulevard
- Applied for \$21,700,000 for the construction to widen Harborview Road from 2 to 4 lanes from Date Street to Interstate 75 (I-75)
- Applied for \$3,718,282 for the design of intersection improvements on Jones Loop Road at the Piper Road intersection
- Applied for \$233,540 for intersection turn lane improvements on Veterans Boulevard at Loveland Boulevard
- Applied for \$357,995 for intersection turn lane improvements on Veterans Boulevard at Atwater Street
- Applied for \$261,851 for intersection turn lanes at Veterans Boulevard & Harbor Boulevard
- Applied for \$306,333 for intersection turn lanes at Veterans Boulevard & Yorkshire Street
- Applied for \$250,444 for intersection turn lanes at Veterans Boulevard & Norman Street
- Applied for \$250,444 for intersection turn lanes at Veterans Boulevard & Torrington Street
- Applied for \$246,052 for intersection turn lane improvements on Veterans Boulevard at Orlando Boulevard
- Applied for \$526,000 for an exclusive right turn lane at SR 776 & Charlotte Sports Park
- Applied for \$2,200,000 for the design of the extension of Edgewater Drive/Flamingo Boulevard to Midway Boulevard to SR 776 widening 2 to 4 lanes
- Applied for \$1,460,000 for SR 776 at Flamingo Boulevard
- Applied & awarded \$8,674,000 for Harborview Road from Melbourne to I-75 Right-of-Way (ROW)



TRAINING

CDL TRAINING:

Commercial Driver's License

76.25 HOURS

CPR TRAINING:

Cardiopulmonary Resuscitation

206 HOURS

OSHA 30 TRAINING:

Occupational Safety & Health Administration

90 HOURS

CHEMICAL SPILL RESPONSE TRAINING:

30 HOURS

MAINTENANCE OF TRAFFIC:

(MOT)



MOT TRAINING: 320 HOURS



ADVANCED MOT TRAINING:

160 HOURS





MINUTE TAKING COURSE:



HOURS

APPRAISAL WRITING TRAINING:



HOURS

MOCK INTERVIEWS:



HOURS

HAZARDOUS WASTE OPERATIONS & EMERGENCY RESPONSE (HAZWOPER) COURSE:

HAZWOPER REFRESHER COURSE:

HOURS

INDIVIDUAL TRAININGS:



DIGITAL TRANSFORMATION. **INFRASTRUCTURE ASSETS &** STRATEGY MANAGEMENT

> 1.5 HOURS **CHUCK PETERS**

GOPHER TORTOISE MARK & RELEASE TRAINING

5.5 HOURS KATIE LUKASEK

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT): TRANSPORTATION COURSE

15 HOURS TOTAL **ALEX PHAIR** THOMAS DEVILBISS **RYAN FLINT**

NORTH AMERICAN HAZARDOUS MATERIALS MANAGEMENT ASSOCIATION (NAHMMA)-HOUSEHOLD HAZARDOUS WASTE (HHW)- NEW **TECHNICIAN TRAINING**

> 32 HOURS TOTAL **SALLY DIMINA** RYAN FLINT

CPR TRAINING





206

TOTAL HOURS TRAINED

TRAFFIC SIGNS & MARKING: 55 HOURS
LIGHTING DISTRICT: 40 HOURS
SAN CASA YARD: 55 HOURS
ADMIN TEAM: 44 HOURS













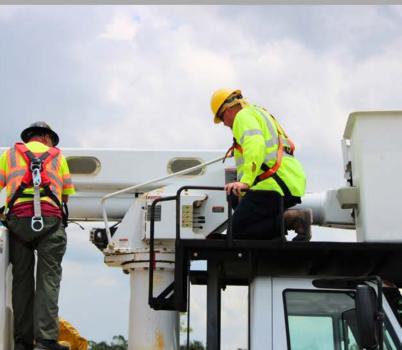
BUCKET TRUCK TRAINING











PUBLIC RELATIONS

Accela

- More than 1,180
 customer service
 requests were received
 through the Charlotte
 County App (Accela), also
 known as Public Stuff
- 982 items were successfully completed









OUTREACH EVENTS

- Public Works & Community Outreach Day
- Touch-a-Truck at New Day Christian Church
- Realtor Presentations
- Leadership Charlotte & Government Day
- Engineering Week- Girls in Engineering Day
- · Miss Charlotte Fast Pitch
- Big Brothers & Sisters Presentation

24 PUBLIC RELATIONS

PUBLIC WORKS & COMMUNITY OUTREACH DAY







The Public Works & Community Outreach Day on June 10, 2023, was held at the Charlotte County Fairgrounds. This family-friendly event aimed to promote awareness and understanding of Public Works and community agencies, as well as their partners. Over 500 attendees had the opportunity to interact with big trucks from Public Works, Utilities, Fire & EMS, and the Sheriff's Office in a touch-atruck format. Staff members performed special demonstrations featuring the Menzi Muck and Marsh Master, which are heavy machinery used throughout the county. Local agencies and community partners also set up booths inside the expo hall, offering information, demonstrations, activities, and giveaways for kids and adults. The Charlotte County Department of Health and Sheriff's Office joined forces to provide 150 kids with free bike helmets. This collaborative effort contributed to the safety and well-being of children in our community.













The Engineering division is managed by Joanne Vernon, our County Engineer. Joanne oversees 39 positions.



STAFF:

36 Full Time Employees 1 Supplemental Workforce 2 Vacancies

BY THE NUMBERS:

- 4,750 LF sidewalk
constructed in FY23
- Maintains 150 bridges
- 8,152 tons of asphalt
placed since July 2023



ENGINEERING HURRICANE IAN RECOVERY EFFORTS

MID COUNTY REPAIRS

Mid-County projects consisted of repairing the county's stormwater infrastructure that was damaged by Hurricane Ian. The scope on each site includes reconstructing outfall pipes within the drainage easements in many locations. Repairs were also made to several sidewalks due to excessive erosion. These sites, along with many others, are still ongoing throughout the county.



BEFORE

OUTFALL DRAINAGE SPILLWAY WASHED OUT ON KINGS HIGHWAY

DAMAGED DRAINAGE OUTFALL PIPE ON GARDNER DRIVE

Below are two locations: Gillot Boulevard at the Bacchus canal is nearing completion with a restored roadway, new water main, guardrail and fabric form; Blue Heron Drive required the reconstruction of a retaining wall and new handrails at the Casey Pond Waterway in the Englewood area.

















BEFORE



















MARKHAM WATERWAY AT CHANCELLOR BOULEVARD

The Markham Waterway was another major fix from Hurricane Ian. The outfall pipe that drains into the Markham Canal between Ramblewood Street and McDill Drive washed out due to Hurricane Ian. The contractor replaced the pipe with a 36 inch corrugated metal pipe and regraded the drainage swale. The contractor also placed fabri-form to help prevent a washout in the future. This was a 90 day contract and the contractor completed the work in less than 60 days!

BEFORE









AFTER





TOTAL PROJECT COST:

\$197,300

V&H CONSTRUCTION WAS THE CONTRACTOR FOR THIS PROJECT
KAREN BLISS - PROJECTS MANAGER

SAN CASA PEDESTRIAN BRIDGE

The Engineering division successfully renovated the San Casa Pedestrian Bridge project over Oyster Creek. The steel bridge that connects several communities, underwent a thorough cleaning and a fresh coat of paint with steel repairs.







TOTAL PROJECT COST:

\$91,770

REPAIRS WERE MADE BY THE CONTRACTOR:
TITAN CONSTRUCTION MANAGEMENT OF
TARPON SPRINGS
KELLY SLAUGHTER - PROJECTS MANAGER

SAN CASA PEDESTRIAN BRIDGE

SAN DOMINGO BOULEVARD PATHWAY

This project marks the culmination of the capital improvement project (CIP) in South Gulf Cove, which now delivers roughly 19 miles of 10 foot pathway. These walkways have transformed South Gulf Cove into a more pedestrian-friendly community, offering a secure environment for physical activity. The Board has prioritized infrastructure improvements across the county, and this project exemplifies their commitment to enhancing communities, making them safer and more desirable.

4800 LF OF 10 FT PATHWAY
15 CY OF GRAVITY WALL/END WALL
1 STORM STRUCTURE
464 LF OF STORM PIPE

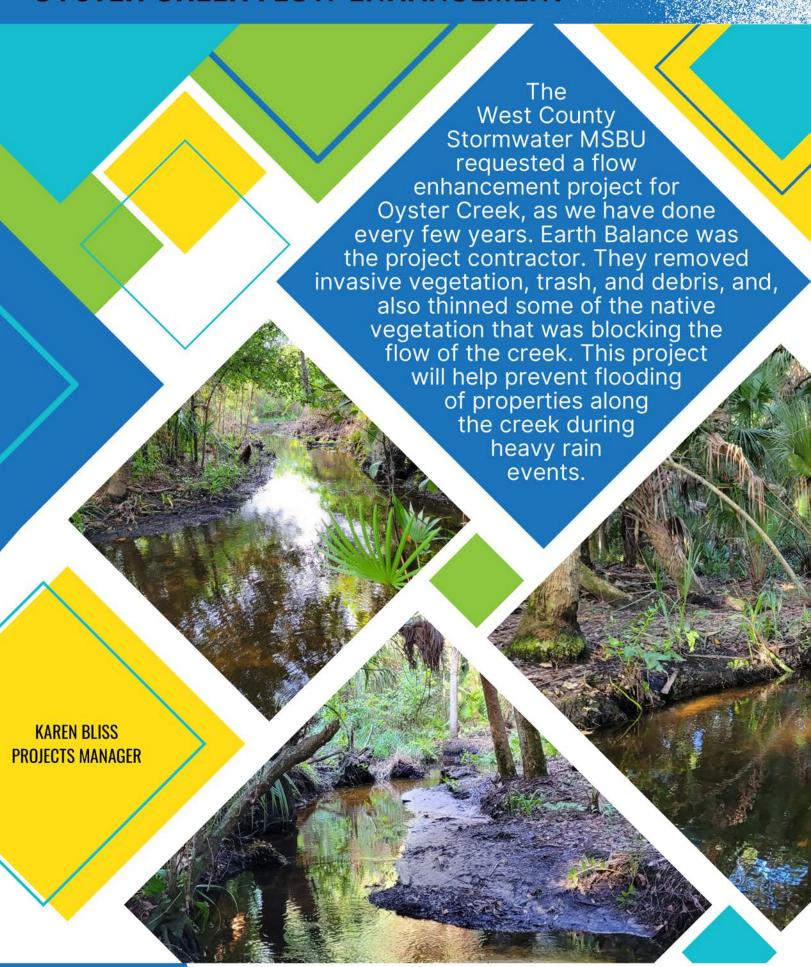
RAY SLADE PROJECTS MANAGER

FT = FEET LF = LINEAR FEET CY = CUBIC YARDS





OYSTER CREEK FLOW ENHANCEMENT





Charlotte County has 150 bridges of varying age and type, some of which have reached their 50-year functional design life. Public Works Engineering division has created a Bridge Maintenance Plan (BMP) providing preventative and condition-based maintenance with the main goal of increasing the service life of county bridges. According to the BMP plan for 2022, construction was to start in west county. We currently have approximately 30 bridges either under design or in construction phases (west county BMP pictured above).



Minor Damaged Bridges

These three bridges in west county sustained minor erosion damage: Bridge #014082 David Boulevard over Newgate Waterway Bridge #014123 Rotonda Circle over Pine Valley Creek Bridge #014099 Rebel Court over Rotonda River

Midway Bridge #014073

This bridge located over North Spring Lake, sustained scour damage, which will require design services for construction plans.

Oyster Creek Bridge #010063

This bridge located on County Road (CR) 775 over Oyster Creek sustained severe damage, requiring an emergency repair to stop erosion. The additional damage to this bridge will require design services for construction plans. This project will be partially funded by the Federal Highway Administration (FHWA) Emergency Relief Fund (ERF).

Rotonda Bridge #014113

This bridge located on Rotonda Boulevard over the Rotonda River, suffered major damage and will need to be repaired or replaced. This will require design and construction of a new bridge, or extensive repairs, and will be potentially be funded by FEMA.

BRIDGE MAINTENANCE PLAN 3

HURRICANE IAN DAMAGED BRIDGES

RIGHT OF WAY (ROW) PERMITS & INSPECTIONS



11,418

PERMITS WITH ROW FINAL INSPECTIONS ATTACHED

13,861

REVIEWS HAVE BEEN COMPLETED



132

LAND DEVELOPMENT ROW PERMITS

3,151

ROW LINE AND GRADE INSPECTIONS HAVE BEEN PASSED OR APPROVED

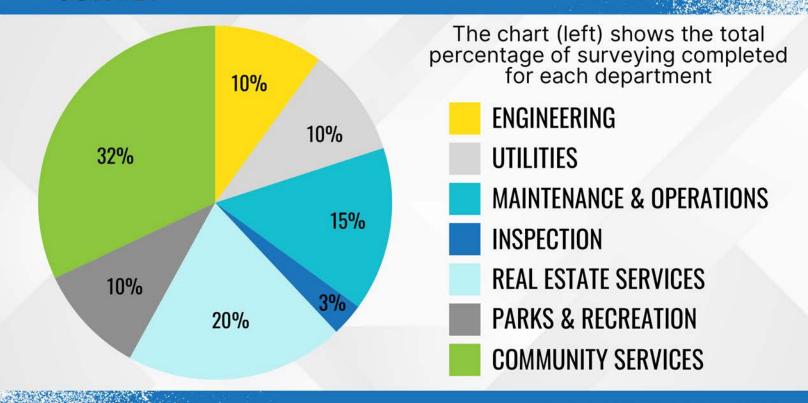


16,194

INSPECTIONS HAVE BEEN PASSED OR APPROVED AS NOTED BY ROW

ROW PERMITS & INSPECTIONS

SURVEY



EXCAVATION DATA

87 COMMERCIAL/LARGE AGRICULTURE EXCAVATIONS INSPECTIONS

6 INVESTIGATIONS DUE TO RESIDENTIAL CODE COMPLIANCE CASES

NEW RESIDENTIAL POND PERMITS STOCKPILE PERMIT



SURVEY & EXCAVATION DATA





Lighting District fall under this division. Karly oversees 170

positions.



101 Full Time Employees
4 Supplemental Workforce
1 Part Time
64 Vacancies

BY THE NUMBERS:

- Maintains 2,200 miles of roadway

- Approx. 80,000 pipes

MAINTENANCE & OPERATIONS (M&O) HURRICANE IAN RECOVERY EFFORTS







Hurricane Ian made landfall on September 28, 2022, leaving behind a wide swath of destruction in Charlotte County. The M&O division immediately transitioned to disaster response and recovery efforts. These efforts began with the initial push of roadways; the initial push is a pre-determined set of roads and bridges that connect infrastructure like hospitals, fire, and police stations. As the name indicates, during this phase of recovery, there is no debris being removed and is only pushed away from the travel lanes. The next initiative is to begin the push of all county-maintained roads to ensure there is access. The M&O division, along with several responding agencies including the: Army National Guard Red Horse Group, Team Rubicon, and Ashbritt completed the initial push roads in 2 days, then all county roads within 7 days, respectively. The completion timeframe for the initial push surpassed any previous efforts and would not have been possible without the assistance of the mutual aid provided to the department.

While the county-wide push was underway, the team also responded to 35 different locations in which large scale damages occurred. M&O staff conducted temporary repairs and deployed jersey barriers to allow the public to continue utilizing the roadways. Additionally, the team investigated 178 locations where storm damages were reported, effected 32 permanent repairs, and outsourced 9 pipe lining locations. Once emergency response efforts were wrapping up, the team also stepped in and assisted the Solid Waste division with landfill operations. The dedication of the M&O team, in coordination with other Public Works team members during the response and recovery efforts of Hurricane Ian, was unmatched.









PINECREST DRIVE DRAINAGE IMPROVEMENTS









This project was a result of drainage issues within the Pinecrest area due to a failing outfall pipe. Staff worked with Real Estate Services to obtain a temporary right of entry to replace approximately 120 LF of pipe and reconstruct the catch basin. This project included obstacles such as fencing and landscaping that were reinstalled postconstruction. These drainage improvements should reduce flooding during heavy rain events.

GLENCOVE STREET DRAINAGE IMPROVEMENTS

Charlotte County
Utilities reported a point
repair was needed
during watermain
construction. M&O
determined the entirety
of the lot pipe from
Glencove Street to
Ashton Avenue should
be replaced before
complete failure. Crews
replaced a total of
580 LF of pipe, and
rebuilt and replaced 5
catch basins.





LF = LINEAR FEET

LITTLE FARM ROAD

This project was a result of Board of County Commissioners' direction to find alternatives to the slough on Little Farm Road. American Rescue Plan Act (ARPA) funding was granted in 2022. In February 2023, staff installed four (4) 24 IN x 38 IN equalizer pipes and reconstructed approximately 206 FT of road converting the existing slough. This widened the roadway to 22 FT. The crews poured 27 YDS of concrete and placed 6,500 SF of sod for this project. The pipes provide equalization for the ponded water on the north and south sides of Little Farm Road allowing water to flow in either direction.













42 LITTLE FARM ROAD

COLLINGSWOOD BOULEVARD X HILLSBOROUGH BOULEVARD





This area had a washout from Hurricane Ian. M&O crews filled in the washout with shell and dirt, using filter cloth and then rip rap to secure and stabilize the bank.





M&O SKILLS TESTING

JANUARY 4, 2023: EQUIPMENT OPERATOR III

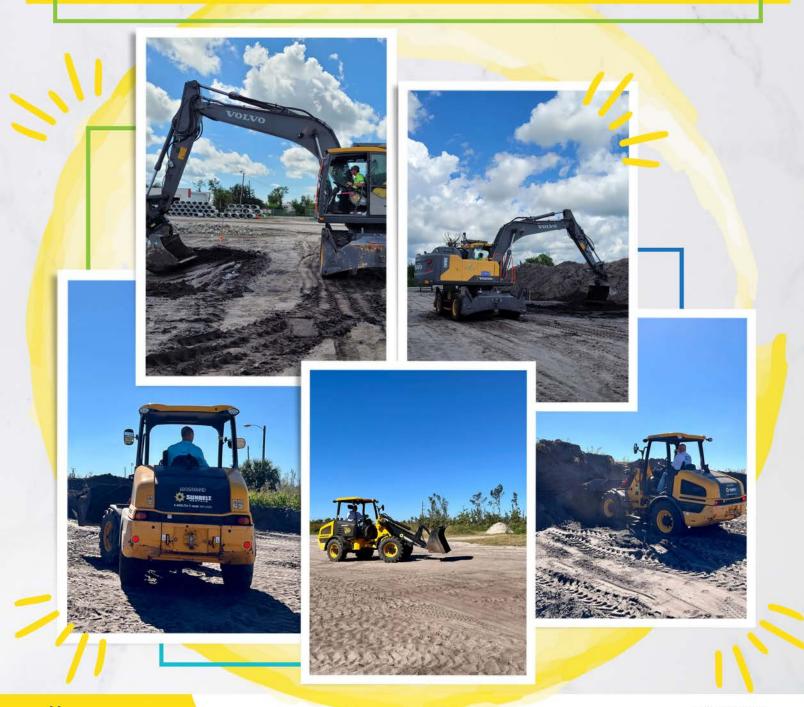
Seven applicants were assessed; six moved onto interviews. Two candidates were selected to fill both open positions—one at San Casa Yard and one at Punta Gorda Yard.

JANUARY 12, 2023: EQUIPMENT OPERATOR I

Six applicants were assessed. Three candidates were selected to fill the open positions.

SEPTEMBER 21, 2023: EQUIPMENT OPERATOR III

Two applicants were assessed; one was selected for the position.



TOM ADAMS BRIDGE OPENINGS



	# OF BOATS PASSED THROUGH	# OF Openings
October 2022:	23	21
November 2022:	38	36
December 2022:	61	60
January 2023:	66	66
February 2023:	89	88
March 2023:	130	121
April 2023:	95	90
May 2023:	86	77
June 2023:	76	69
July 2023:	77	77
August 2023:	28	28
September 2023	: 17	17

SOUTH GULF COVE LOCK OPENINGS

	# OF BOATS PASSED THROUGH	# OF Openings
October 2022:	297	258
November 2022:	622	518
December 2022:	899	700
January 2023:	1,046	808
February 2023:	1,655	1,124
March 2023:	1,923	1,358
April 2023:	1,924	1,315
May 2023:	2,033	1,449
June 2023:	1,196	961
July 2023:	881	689
August 2023:	286	334
September 2023	3: 906	743



BRIDGE & LOCK OPENINGS 45



FY23

MAINTENANCE & OPERATIONS WORK ACCOMPLISHMENTS

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S S F F 8 F Y 3 S S Y Y III S S S Y III

CY = CUBIC YARDS SF = SQUARE FEET LF = LINEAR FEET SY = SQUARE YARDS MI = MILES

WORK ACCOMPLISHMENTS 47



TRAFFIC SIGNS & MARKINGS (TSM) HURRICANE IAN RECOVERY EFFORTS







TSM MAINTAINS: 85,122 SIGNS LAND & WATER

71,244 ROAD SIGNS

12,692 STOP SIGNS

1,186
MARINE SIGNS





76,609 signs were damaged due to Hurricane lan

TRAFFIC SIGNS & MARKINGS (TSM) FEMA RESTORATIONS FOR MARINE MARKERS









TSM has begun Federal Emergency
Management Agency (FEMA) restorations for
our marine markers throughout the county.
TSM manages 768 pilings, most of which
support multiple sign assets throughout our
navigable waterways that span from Englewood
Beach down to Pirate Harbor. That also
includes all the inlets our citizens frequent on
their boats throughout the Myakka and Peace
rivers. As the 17th largest estuary in the nation,
our 830 miles of shoreline is a significant
stretch to maintain.

When Hurricane Ian swept through, it took 134 out of 1,186 waterway signs, as well as 78 out of 768 pilings. To ensure that our asset restorations are completed to regulatory standards, staff has been out daily on our vessel, following the FEMA approved contractors ensuring work is documented and completed correctly. They are also bringing in any storm debris that they find while out there.

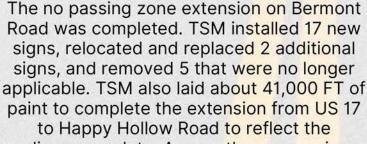
\$100,000



50







to Happy Hollow Road to reflect the ordinance update. Among those new signs installed, were additional speed limit signs to advise drivers of the posted speed limit of 45 MPH. These signs are placed about 1.3 miles apart from each other, and are posted at each end of the roadway, as well as in the middle of the zone. There are several signage reminders of the no passing zone, each is posted at a little over half a mile increments.



FY23 WORK ACCOMPLISHMENTS

Marine Markers - 1,004 signs
Pavement Markings - 24,080
Sign Fabrication - 2,172 signs
Sign Inspection - 131,791 signs

Sign Installation - 52 signs
Sign Maintenance - 6,948 signs
Striping - 99,943 LF
Support Post Maintenance - 1,034 posts

LF = LINEAR FEET FT = FEET MPH = MILES PER HOUR

BERMONT ROAD

TRAFFIC SIGNS & MARKINGS (TSM) **CAPE HAZE PIONEER TRAIL**

TSM managed a project to bring additional safety to our local residents and more awareness to drivers. The Cape Haze Pioneer Trail Path is a heavily used biking, running, and walking route for residents. This trail extends 8.5 miles, nearly parallel with Gasparilla Road. Public Works has taken many steps in the last several years to make that crossing point as safe as it possibly can be. We have installed flashing beacons in advance of the crossing point, added numerous signs along the path and roadway, and upgraded the crosswalk from a standard crossing to a high visibility crossing. The most recent update to ensure safety includes subsurface flashing pavement markers. Anyone that presses the crossing button will now illuminate not just the signs, but the roadway crossing as well. These flashing markers will ensure that anyone crossing during times of low light or visibility will be afforded the most protection possible by giving the drivers notice of the upcoming crossing and



TRAFFIC SIGNS & MARKINGS (TSM) **EDGEWATER DRIVE**



STRIPING ON **EDGEWATER DRIVE**

TSM completed the turn lane on Edgewater Drive leading to Midway Boulevard. This new look will hopefully remind drivers of the upcoming turn lane.

INSTALLED:

- 12" WIDE DOTTED WHITE LANE MARKINGS
 12" WIDE SOLID WHITE LANE MARKINGS
 AN ADDITIONAL "ONLY" AND RIGHT ARROW SET
 AROUND THE ROUNDABOUT SIGNAGE





53

EDGEWATER DRIVE



LIGHTING DISTRICT HURRICANE IAN RECOVERY EFFORTS

Hurricane lan's damages to our signalized infrastructure resulted in the shutdown of 11 local intersections. Lighting staff, consisting of just 5, went to work immediately to bring our signals back online and restore a sense of normalcy to our traffic patterns. The manager of the Traffic Management Center (TMC) made strategic signal timing adjustments throughout the county during the weeks and months following the storm. This improved the flow of massive vehicle volumes due to restoration efforts by contractors and government agencies. To support our operations, we called in assistance from Econolite, our hurricane contractor, to expedite the task as quickly and safely as possible. Doing so resulted in restoring complete operational capacity back within 84 days. This was a task unheard of in our Public Works history and is a testament to the amazing work ethic and resiliency of our staff.



FORREST NELSON BOULEVARD X QUESADA AVENUE



OLEAN BOULEVARD X KINGS HIGHWAY



PEACHLAND BOULEVARD X HARBOR BOULEVARD



SUNCOAST BOULEVARD X KINGS HIGHWAY



PLACIDA ROAD X SAN CASA DRIVE



PLACIDA ROAD X BOCA GRANDE CAUSEWAY

LIGHTING DISTRICT STREETLIGHT REPAIR



FY23 WORK ACCOMPLISHMENTS

Beacon Relocation/Install/Repair - 47 beacons
Signal Maintenance - 268 signals
Street Light Repairs - 137 lights
Utility Locates - 1,142 tickets

After a light pole was hit behind Wawa at Jones Loop Road and Taylor Road in Punta Gorda, the Lighting District was able to retrieve the concrete base that was stuck underground. The top part of the pole was cut and brought back to the yard. At a later date, the crew had to go back to pull the underground portion out with a crane truck. The poles are usually 30 FT tall and about 6 FT of the pole is buried to counterbalance the above-ground portion.

FT = FEET

LIGHTING DISTRICT SCHOOL FLASHER PEACE RIVER ELEMENTARY



LIGHTING DISTRICT MIOVISION

The Lighting District set up new detection software called MIOVision.
They installed this software at four locations along Kings Highway:
Suncoast Boulevard, Olean Boulevard, Elmira Boulevard, and Midway Boulevard.
The new system will improve detection at traffic lights due to the fishbowl-like camera lens that can see the entire intersection with one camera instead of having multiple.









58 MIOVISION

MUNICIPAL SERVICE BENEFIT & TAXING UNITS (MSBU/MSTUs)

An MSBU/MSTU is a geographic area within the County, created by ordinance and defined by specific boundaries, through which particular services are provided. Some examples of services that MSBUs may provide are: road & drainage maintenance, waterway dredging, stormwater utility, fire protection or sanitation service.

Some of Charlotte County's
Municipal Service Benefit Units
and Municipal Service Taxing
Units (MSBUs/MSTUs) are
coordinated through Public
Works' representatives.



TOTAL ADVISORY

BOARD MEMBERS

TOTAL MSBU/MSTUS

TOTAL ADVISORY BOARD VACANCIES

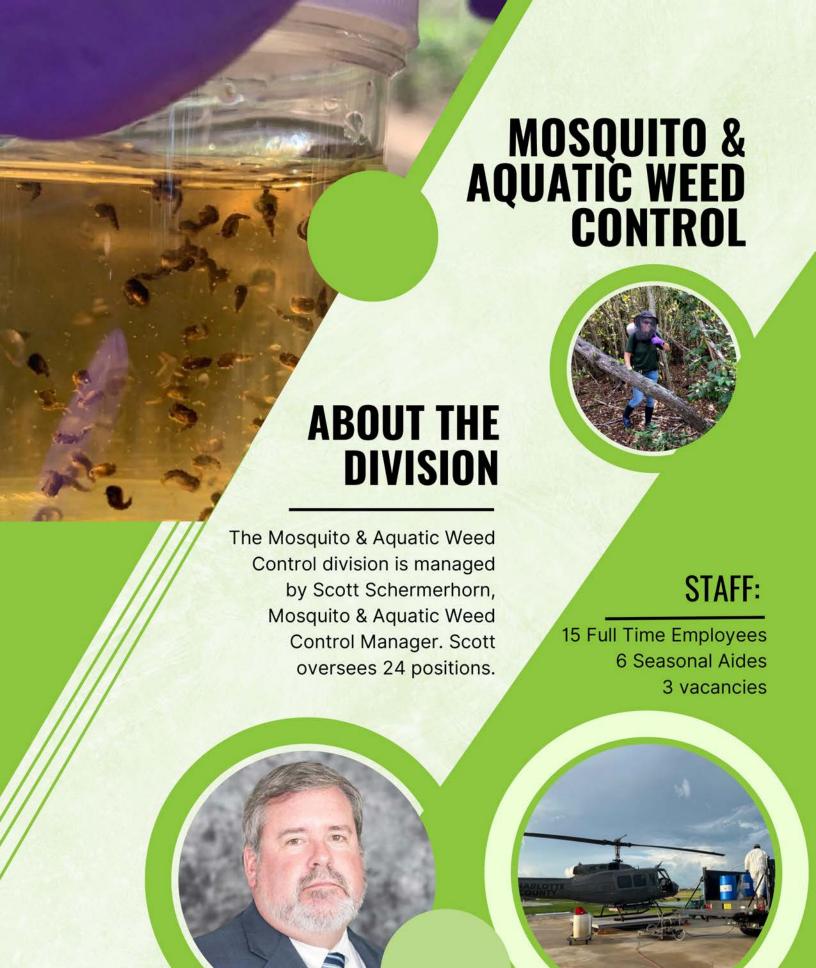




Community Liaisons, Erica Lemaster and Kellie Stewart, assist in managing the budgets for all MSBU-TU's under Public Works. They meet quarterly with each of the Advisory Boards to review the financials, make recommendations to the MSBU-TU budgets and work programs, and respond to inquiries and recommendations from the public. Part of their role is to act as recording secretary and take official minutes of meetings and maintain records; they compile the annual reports for the MSBU-TUs in accordance with the county Charter. They also need a wide variety of knowledge of the various capital projects, equipment, project management, stormwater, permitting, fiscal and legal services, customer service, and procurement processes. With that knowledge, they work with an array of county departments and outside organizations to make recommendations regarding MSBU/TU territory revisions, ordinances, and resolutions.

MSBU-MSTUs 59



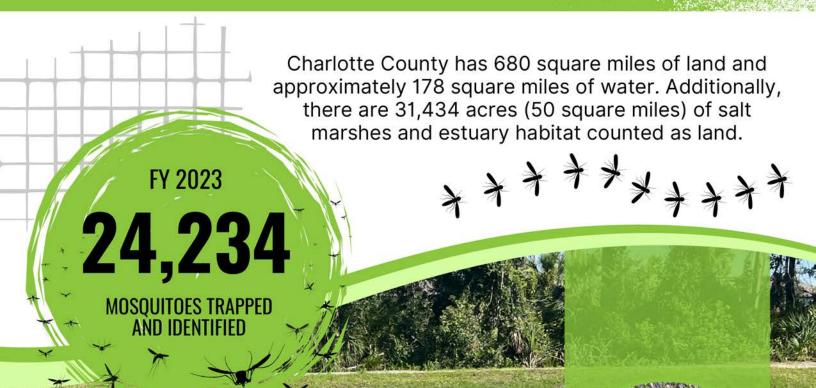


MOSQUITO & AQUATIC WEED CONTROL (MAWC) HURRICANE IAN RECOVERY EFFORTS





MOSQUITO CONTROL BY THE NUMBERS



401

BLOOD SAMPLES FROM SENTINEL CHICKENS

ADULTICIDE TREATMENTS

LARVICIDE TREATMENTS

477

336

1,312,105.40 ACRES 14,096.58 ACRES MOSQUITO TRAPS SET & RECOVERED

886

43.43 TONS

SOURCE REDUCTION:TIRE DISPOSAL

1,786
SERVICE REQUESTS

1 157

4,157

TOTAL MOSQUITO LANDING RATE COUNTS

61

TOTAL NUMBER OF MOSQUITO POOLS TESTED IN HOUSE FOR MOSQUITO BORNE ILLNESSES

SENTINEL CHICKENS



West Nile virus, St. Louis encephalitis, equine encephalitis. and Eastern Chickens make great sentinels because they do not become sick from the viruses and act as a dead-end host, meaning they cannot spread the virus. The Charlotte County Department of Health tests for specific antibodies in their serum. If one or more chickens at a location test positive, this lets the Mosquito Control division know there are mosquitoes in the area actively transmitting disease and mosquito control can respond accordingly.

COOP, THERE IT IS!

Our outreach chickens got some new digs with a coop built by our very own Brian Greig, Mosquito & Aquatic Weed Control Specialist.





The Sentinel Chicken Disease Surveillance course is an event that hosts continuing education short courses pertaining to various subjects in mosquito control. Beth Carey-Kovach, Biological Specialist, taught this course for the second time featuring Charlotte County's sentinel chicken surveillance program, phlebotomy techniques, proper chicken husbandry and nutrition, as well as a segment on diseases and health issues by the State Poultry Veterinarian, and a segment by the Florida Department of Health (DOH) Virology Team on their serum testing. The main objective of the course is to share ideas, improve the quality of life for the chickens, preparedness when issues arise, and understanding the DOH tests and results.







Our outreach girls, Lavender & Clementine!

The Leadership Charlotte class had the opportunity to meet a couple of the chicks as we passed them around and talked about our Sentinel Surveillance Program. Emily Lewis, Deputy County Administrator, and Commissioner Bill Truex couldn't pass up the chance to hold a chick, proving how big of an impact these little ones have on everybody!



DISEASE SURVEILLANCE COURSE 65



As part of an Integrated Pest Management (IPM) approach, drones are a useful tool to the Mosquito & Aquatic Weed Control arsenal with the ability to scope out hard to reach places, help identify new larval habitats, and have the potential to carry payloads for spot-treatments. Drones can capture aerial geographic information systems (GIS) images of the county to help identify small areas near or within residential zones that contain Spartina grass – a grass that is heavily associated with salt marshes. Once these areas are identified, we visit the locations to confirm if they are salt marsh mosquito hotspots that could be pretreated with granules.

Our new Swellpro splash drone will be deployed to get a close visual and perhaps even be able to sample hard-to-reach areas to determine if they are holding water. The Swellpro has ability to land directly in water with a waterproof camera to give real-time video footage of what may be lurking beneath the surface.

The end goal of this drone project is to treat saltmarsh pockets with granules ahead of the rainy season preventing mosquitoes from becoming localized issues for nearby residential areas.

Sydney L'Heureux and Beth Carey-Kovach, both Biological Specialists, passed the Part 107 Remote Pilot Certification exam which allows them to pilot drones beyond the scope of hobbyist flying.





SALT MARSH TIME OF YEAR!



Salt Marsh mosquito species strategically lay their eggs in the exposed soils of low-lying areas in the marsh.

Eggs can remain dormant for several years until they become flooded by high tides and/or rain events. These eggs will then hatch in unison and rapidly progress to adult mosquitoes in as little as 7 days.

When treating large swaths of land, we utilize the helicopter. The crews worked hard hauling 40 LB bags of granular and loading the hoppers each time the helicopter returned.

For smaller salt marsh areas within residential zones, granular can be applied with a backpack blower. This pre-treatment has proven highly effective against Aedes taeniorhynchus mosquitoes.



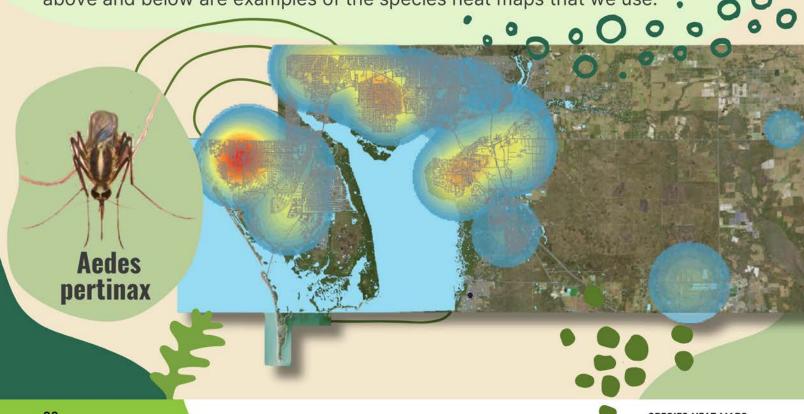
LBS = POUNDS

SALT MARSHES 67

SPECIES HEAT MAPS



The biology department has been utilizing ArcGIS software to create mosquito species heat maps based on annual trapping surveillance data. This enables users to be able to see potential disease vectoring mosquito abundance or where uncommon species are most often seen. This will also enable users to see if there are species distribution changes over time due to varying weather patterns and/or habitat changes. This is an ongoing project that will refine the areas and the numbers and individual species that can be viewed. The maps above and below are examples of the species heat maps that we use.



MALARIA RESPONSE

OFF! WITH THEIR MOSQUITOES!

The transmission of Malaria in our neighboring county of Sarasota hit news headlines in May 2023. This is a bit alarming since locally transmitted Malaria hasn't been seen in our area since the 1950's. Malaria is a disease caused by the blood-borne parasites of the genus plasmodium. These parasites are carried by the mosquito genus anopheles, which has been presently trapped and identified in Charlotte County.



DRAIN DRESS DEFEND



Charlotte County has several species of Anopheles mosquitoes that are capable of transmitting Malaria, so the MAWC team took some extra measures to reduce the chances of it being seen in our own county. Those measures included:

- The addition of extra mosquito trapping along the border shared with Sarasota County. This will allow MAWC to respond with additional treatments in those areas to act as a buffer.

- The donation of OFF! insect repellent to our Charlotte County Homeless Coalition. The homeless have a higher risk of being exposed to mosquito-borne viruses, like Malaria, due to their lack of shelter.

To ensure you aren't creating accidental mosquito havens in our own backyards, make sure to dump any standing water from any containers at least once a week, or use Mosquito Bits (found online or at your local hardware store) in containers or bromeliads where you cannot dump the standing water.

Protect yourself using the 3 D's - Drain, Dress, and Defend!

DRAIN any standing water found on your property; DRESS in long sleeves and long pants with light-colored fabric during mosquito season and during peak mosquito hours (dawn/dusk); and DEFEND yourself with an Environmental Protection Agency (EPA) approved repellent and reapply according to the label (approved repellents include those containing DEET, Picaridin, or oil of lemon eucalyptus).

MALARIA RESPONSE 69

2023 AQUATIC WEED CONTROL SHORT COURSE



Several employees attended the 2023 Aquatic Weed Control Short Course held in Orlando. This annual course from the University of Florida features experts in aquatic and upland vegetation management. A few topics that were covered included plant identification, invasive and noxious plant species, biological controls, and proper chemical control techniques. Some discussions focused on the history of plant introductions and how quickly growth got out of hand due to a lack of natural controls. An example was water hyacinth, which quickly took over the St. Johns River in the late 1800s causing major issues for steamboat traffic, simply because one person thought the flowery plant would beautify the river. Another example was the overgrowth of hydrilla. It was introduced into Florida waterways in the 1950s, most likely as a discarded aquarium plant, but now causes major issues in waters all throughout the state.

Aquatic weed control is so important, not only to promote biodiversity by allowing our native plants to flourish, but to maintain flow in our waterways and right-of-ways. It also goes hand in hand with mosquito control, as some species of mosquitoes utilize the root systems of floating vegetation (such as hyacinth and water lettuce) by piercing the roots to obtain oxygen while in the larval stage.

NOXIOUS AQUATIC WEED EXAMPLES: WATER HYACINTH HYDRILLA WATER LILY

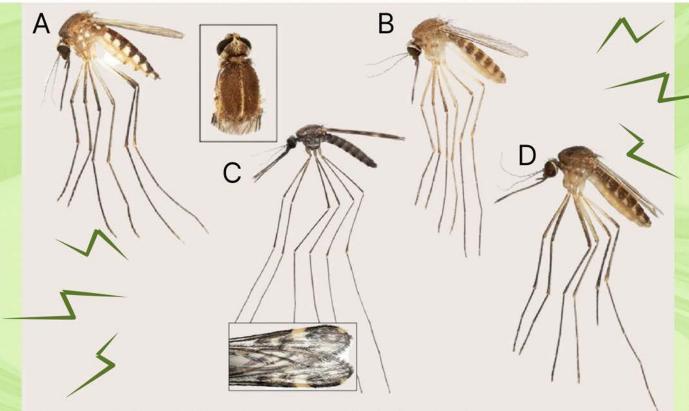
AN UPDATE OF MOSQUITO SPECIES RECORDS FOR CHARLOTTE COUNTY

During the years 2019-2021, 4 species of mosquitoes that were trapped and identified, had not been previously documented in Charlotte County. These were Aedes pertinax, Anopheles perplexens, Culex declarator, and Culex interrogator. A paper was written by Charlotte County MAWC staff regarding these species findings. This paper was published in the Journal of the American Mosquito Control Association in December 2022. While none of these species are implicated as major disease vectors currently, it is interesting to see how mosquito migrations occur over time due to climate change and global connectivity and remains an ever-important task to stay vigilant for new occurrences.

Journal of the American Mosquito Control Association, 38(4):000-000, 2022 Copyright © 2022 by The American Mosquito Control Association, Inc.

AEDES PERTINAX, ANOPHELES PERPLEXENS, CULEX DECLARATOR, AND CX. INTERROGATOR: AN UPDATE OF MOSQUITO SPECIES RECORDS FOR CHARLOTTE COUNTY, FLORIDA

BETH C. KOVACH, LAWRENCE E. REEVES, CANDELARIA DOMINGO, SYDNEY N. L'HEUREUX, GAVRIEL V. BURGER, SCOTT D. SCHERMERHORN AND MICHAEL T. RILES



Representative adult female specimens illustrating the 4 new species records for Charlotte County: (A) Aedes pertinax, with inset showing the narrow stripe of pale scales along the median of the scutum; (B) Culex interrogator; (C) Anopheles perplexens, with inset showing a dorsal view of wings with patches of pale scales along the margins; and (D) Culex declarator





SOLID WASTE

The Solid Waste division is managed by Richard Allen, Solid Waste Manager. Richard oversees 46 positions.



STAFF:

31 Full Time Employees 2 Supplemental Workforce 13 Vacancies

FACILITIES:

Charlotte County Landfill Mid County Transfer Station West County Transfer Station





SOLID WASTE HURRICANE IAN RECOVERY EFFORTS

Post Hurricane Ian, the Charlotte County Landfill immediately changed operational days and times to assist the contracted debris collection companies, as well as local companies in processing debris collection throughout the county. From October 1, 2022 through January 2023, the landfill provided access to customers 7 days a week to maintain the expanded level of service. These operations also required the augmentation and training of additional staff to the landfill.

Charlotte County's Mid and West Mini-Transfer and Recycling Facilities converted from the traditional drop-off sites for hazardous household waste and excess household items to storm debris drop-off sites. The facilities were operational for 7 days a week with expanded hours and required the augmentation of staff, as well as equipment, to manage the volume of materials being processed at both facilities.

MID COUNTY WAS OPEN FOR <u>116 DAYS</u> AND PROCESSED <u>16,477 CUSTOMERS</u> WEST COUNTY WAS OPEN FOR <u>113 DAYS</u> AND PROCESSED <u>20,933 CUSTOMERS</u>

LANDFILL POST-STORM ALMOST DOUBLED ITS' VOLUME: FROM 34,346 TO <u>67,502 Transactions</u> and 159,017 To <u>357,670 Tons</u>

4,088,392

CY OF VEGETATIVE DEBRIS

585,891

CY OF C&D DEBRIS

83,715

LOADS OF VEGETATIVE DEBRIS 11,989

LOADS OF C&D DEBRIS

C&D = CONSTRUCITON & DEMOLITION

CY = CUBIC YARDS

MINI-TRANSFER & RECYCLING FACILITIES





TRANSFER FACILITIES 75

CHARLOTTE COUNTY LANDFILL



128,774 TOTAL

LANDFILL TRANSACTIONS

124,270 TONS

RESIDENTIAL WASTE

17,469,400 GALLONS

LEACHATE TREATED

IN TONS

318,075 101,210

56,554 35,582

1,416

1,411

364

COMMERCIAL WASTE YARD WASTE CLEAN DEBRIS COVER/ROAD MATERIAL

LUMBER/WOOD

WASTE TIRES

METAL/WHITE GOODS

PICTURED: SYNAGRO SITE

OUT WITH THE OLD, IN WITH THE NEW!



The groundbreaking for the new scale house at the Charlotte County Landfill took place in fall of 2022 and is tentatively scheduled for a soft opening in December 2023. This new facility will significantly enhance operations as it will incorporate an automated lane for prepaid customers. This will allow them to be weighed with a printed ticket without the need to interact with an attendant. Additionally, the new scale house is located on dedicated property for future use. The old scale will remain operational and available to process municipal solid waste (MSW) after storms and allow FEMA and other agencies to inspect and process loads without interfering with normal collection processing.



This John Deere track bulldozer is used to help process solid waste material at the landfill. This unit with a six way blade consolidates and pushes waste material at the disposal area within the landfill. Additionally, this unit helps spread daily cover material over the waste material at the end of the days operation.

Tana Landfill Compactor has two full width drums and a rigid, non-oscillating frame. This will help our landfill by producing a better compaction rate and higher waste treatment capacity to lower operating cost by making fewer passes throughout the landfill.

SWANA CONFERENCE 2023



SWANA CONFERENCE/RECYCLING EFFORTS

ILLEGAL DUMPING

Charlotte County Solid Waste division continues its' proactive program to enforce and prosecute illegal dumping throughout the county using current best management practices. The illegal dumping program has significantly reduced dumping throughout the county and continues its vigilant efforts that have resulted in a year to date: 335 cases investigated and 20 felony arrests. Additionally, the team assists in cleanups of homeless camps throughout the county in cooperation with the Charlotte County Sheriff's Department.



HAZARDOUS WASTE COMPLIANCE



The Hazardous Waste Compliance team conducted their annual inspections of businesses in Charlotte County that generate hazardous waste. A total of 282 businesses were inspected, exceeding the State requirements and submitted the report to the Florida Department of Environmental Protection (FDEP) prior to its deadline of June 30, 2023. This program is mandated by the State and ensures that businesses are disposing and handling hazardous waste properly as well as educating them on current disposal and handling methods.

ANNUAL RECYCLING EVENT



81

KEEP CHARLOTTE BEAUTIFUL GREAT AMERICAN CLEANUP - KICK OFF!



#PartnershipsMatter Thank you for investing in our co

MARCH 2023





GLOBAL FOUNDATION



March 25th 2023, started the kick-off for the 25th anniversary of the Keep America Beautiful, Great American Cleanup.

300+ VOLUNTEERS
480+ HOURS
5,190 LBS OF DEBRIS



At the Downtown Bait & Tackle location, Port Charlotte High School students audited debris and recorded over **1,400** items in the Clean Swell mobile phone app for the Ocean Conservancy.

ENGLEWOOD BEACH

The Englewood Community Coalition counted **7,000** cigarette butts on Englewood Beach. That's equivalent to **350** packs of cigarettes!





KEEP CHARLOTTE BEAUTIFUL GREAT AMERICAN EARTH DAY CLEANUP!



59+ VOLUNTEERS 40 CY DUMPSTER OF DEBRIS



CY = CUBIC YARDS

KEEP CHARLOTTE BEAUTIFUL

GREAT AMERICAN CLEANUP AT THE WEST WALL

55+ VOLUNTEERS 2,013 LBS OF DEBRIS





57 people showed up to the west wall of Charlotte Harbor to remove debris from mangroves to keep these items from washing into the harbor.



Our volunteers collected **2,013 lbs** of debris from the mangroves!



Most of the material collected was yucky Styrofoam! This is extremely toxic to the many species of crustaceans, invertebrates, and fish that live in our mangroves.







KEEP CHARLOTTE BEAUTIFUL

INTERNATIONAL COASTAL CLEANUP - ENGLEWOOD BEACH



The Ocean Conservancy's International Coastal Cleanup is not just a cleanup but an opportunity to be a citizen scientist!

Participants audit their debris and we turn in the data to the Ocean Conservancy. They use the data to assist world leaders in shaping policies concerning debris.

LOCATIONS FROM ALLIGATOR CREEK TO BAY HEIGHTS PARK 1,217
CIGARETTE BUTTS
FOUND

LBS = POUNDS

INTERNATIONAL COASTAL CLEANUP 85

KEEP CHARLOTTE BEAUTIFUL ENVIRONMENTAL EDUCATION



LETTUCE LEARN

Homeschool garden class

Lettuce Learn homeschool classes took a field trip to the Florida Gulf Coast University (FGCU) Food Forest. The Food Forest is a student-run botanical garden which highlights tropical and subtropical edible species that grow well in South Florida. The students were able to see a permaculture garden and introduced to different farming practices and food plant varieties that they may not have seen before. The students learned about reduce, reuse, recycle, composting, and how they can use these concepts in their gardens and daily lives.



7 classes / 40 students / 23 adults





WASTE IN PLACE

The Keep America Beautiful Waste in Place Education materials are used to provide environmental education to students K-5 utilizing the Behavior Change methodology. The lessons teach the students about littering, recycling, composting, and even how our landfill works. These lessons are also hands-on or demonstration based to help the students "practice" what they are learning.



3 schools



1,651 students



95 classes



305 volunteer hours









Thank you for investing in our community!









































KEEP CHARLOTTE BEAUTIFUL 2024 CALENDAR WINNERS



























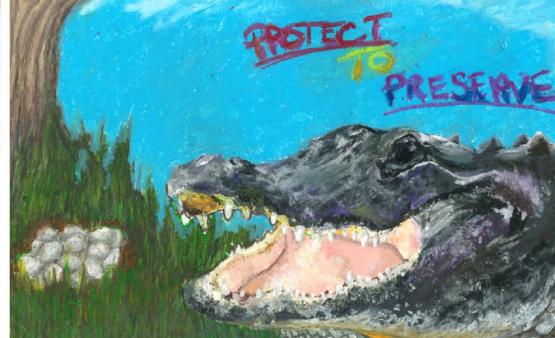


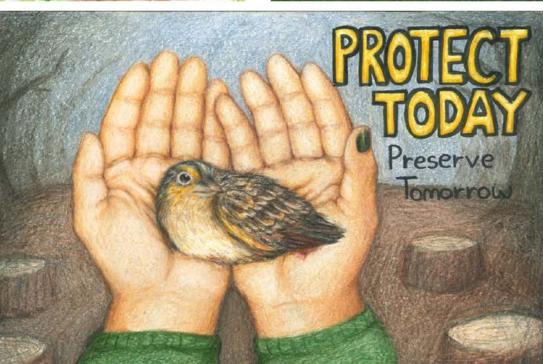
























PROJECT HOPE





Mental Health Is Our Priority

The mission of Project Hope is to assist individuals and communities in recovering from the after effects of natural and human-caused disasters through community-based outreach and educational resources. It is designed to add to and strengthen programs already existing in our community by promoting recovery, adaptability, and empowerment.

BELOW INDICATES HOW MANY EMPLOYEES ATTENDED EACH SESSION

SESSION 1

May 22, 2023

31

Attendees

SESSION 2

May 23, 2023

54

Attendees

SESSION 3

May 24, 2023

48

Attendees

SESSION 4

May 25, 2023

60

Attendees



In an effort to continue our mental health initiative, staff put together several small sessions with more specific topics covered; signs of depression, signs of suicide, and stress management & coping strategies. These sessions took place in September and October and were held in groups of 8-10 people. They were facilitator led, group led, or a combination of both.

MENTAL HEALTH 91

MANAGER'S RETREAT



92 MANAGER'S RETREAT

CITYWORKS CONFERENCE - SALT LAKE CITY, UTAH



CITYWORKS CONFERENCE 93

Tabernacle and Salt Lake Utah Temple in Temple Square, as well as the Hogle Zoo.

PWX 2023 - SAN DIEGO, CALIFORNIA



This year the American Public Works Association (APWA) Public Works Expo (PWX) was held in San Diego, California. Public Works professionals from all over the world were in attendance to network, gain new perspectives, and discover new equipment and software available. John Elias, Public Works Director, Kenna Hubai, Business Services Manager, and Karly Greene, Maintenance & Operations Manager, attended the Expo.

A number of the technical sessions were centered on the improvements and utilizations of artificial intelligence (AI) and asset management strategies. These sessions focused on how to use cutting-edge AI technology to improve datasets and processes. Despite being busy attending PWX, the team was able to take the time to enjoy the local area and mild weather. They were able to spend time at San Diego Zoo, Balboa Park, La Jolla to see seals, and Coronado.



94 PWX

PRESENTATIONS & PROCLAMATIONS





LEADERSHIP CHARLOTTE 2023

Leadership Charlotte's Government Day took place February 2023. Our Maintenance & Operations and Mosquito & Aquatic Weed Control divisions brought around their big toys and sentinel chickens to educate the class about the five divisions in Public Works.

REALTOR PRESENTATION

Karlene McDonald, Operations Supervisor, and Tracy Doherty, Public Relations Manager, gave a presentation for a group of realtors in Englewood. They introduced them to the "My Neighborhood" and explained how to request information about utilities and MSBUs along with project status updates.







PUBLIC WORKS WEEK

Public Works Week proclamation was presented by Commissioner Doherty, and accepted by John Elias, Public Works Director, Karly Greene, Maintenance & Operations Manager, Scott Schermerhorn, Mosquito & Aquatic Weed Control Manager, Richard Allen, Solid Waste Manager, and Roy Benjamin, Construction Services Manager.

MOSQUITO AWARENESS WEEK

Mosquito Awareness Week proclamation was presented by Commissioner Truex, accepted by John Elias, Public Works Director, Scott Schermerhorn, Mosquito & Aquatic Weed Control Manager, and Jeff Proffitt, Pest Management Operations Supervisor.



PRESENTATIONS & PROCLAMATIONS 95

EMPLOYEE APPRECIATION EVENTS

THANKSGIVING POTLUCK 2022









CHRISTMAS PARTY 2022









HURRICANE IAN "THANK YOU" LUNCHEONS FOR SOLID WASTE & ENGINEERING









COUNTY WIDE EMPLOYEE APPRECIATION EVENT AT SOUTH COUNTY REGIONAL PARK









96 EMPLOYEE APPRECIATION EVENTS

EMPLOYEE APPRECIATION EVENTS

EASTER EGG HUNT









CINCO DE MAYO/MAY THE FOURTH BE WITH YOU TACO TUESDAY PARTY









ICE CREAM SOCIAL









PUBLIC WORKS YEAR IN REVIEW









STAFF ACHIEVEMENTS



Chad Hobson, Signing & Marking Technician II, obtained his CDL certification on January 23, 2023.

Chuck Peters, Projects Manager, obtained the Project Management Professional (PMP) certification on February 3, 2023.



Project
Management
Institute.

THIS IS TO CERTIFY THAT

Charles L Peters

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH OFFINING AND OVERSEEING PROJECTS AND RESOURCES AND IS HEREBY BESTOWED THE GLOBAL CREDENTIAL

Project Management Professional (PMP)*

IN TESTIMONY WHEREOF, WE HAVE SUBSCRIBED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE

ANALYMP

Jourder Thury David Foresters

PROP Number: 181209.

PROP Cognitioner Size: 63 February 2023.

PROP Signature Date: 13 February 2024.

James Arsenault, MAWC Specialist, obtained his CDL certification on March 23, 2023.

Karlene McDonald, Operations Supervisor, completed the Leadership Development Program on March 28, 2023.



CDL = COMMERCIAL DRIVER'S LICENSE

98 STAFF ACHIEVEMENTS



Jeremiah Lanford, Field Safety & Training Development Coordinator, Jessica Reynolds, Customer Service Specialist, & Sal Crapanzano, Signing and Marking Technician III, completed the Ambassador Program on April 25, 2023

Jeremiah Lanford, Field Safety & Training Development Coordinator, acquired his First AID/CPR/AED Instructor certification through American Red Cross on May 2, 2023.

Certificate of Completion Jeremiah Lanford has completed the requirements for First Aid/CPR/AED Instructor conducted by **American Red Cross** Date Completed: 05/02/2023 Valid Period: 2 Years Certificate ID: 015MAKR



99

https://www.redcross.org/take-a-class/grcode?certnumber=0 15MAKR



Christian Gonzalez, Traffic Signal Technician Apprentice, obtained his CDL certification on June 1, 2023.

Kim Kolerski, Maintenance Worker, obtained his CDL certification on June 23, 2023.



STAFF ACHIEVEMENTS CONTINUED

EMPLOYEE OF THE MONTH





















Jim Hall, Senior Pest Management Specialist, was chosen as the January 2023 County Employee of the Month! Jim's dedication to our mission, vision and values is displayed each day in his positive demeanor toward residents and colleagues.

100 EMPLOYEE OF THE MONTH

TOTAL KUDOS GIVEN IN FY 2023



KUDOS 101

EXCEPTIONAL SERVICE AWARDS (ESA)

PRESENTED BY DEPUTY COUNTY ADMINISTRATOR, EMILY LEWIS





Sally Dimina and Rock Gilbert, Senior Transfer Facility
Technicians, Tom Garretson and Andrzej RymwidMickiewicz, Equipment Operator III's, Natasha Gray, Solid
Waste Supplemental Workforce, and Rhonda Harvey, Keep
Charlotte Beautiful Coordinator, were recognized for their
daily operations at the West Charlotte Mini-Transfer &
Recycling Facility amid Hurricane Ian.

FEBRUARY 2023

Jim Hall, MAWC Specialist was presented an Exceptional Service Award for the vast knowledge and excellent customer service he provided to a Charlotte County resident.





MARCH 2023

Karlene McDonald, Operations Supervisor, was presented an Exceptional Service Award for the amazing job she does providing information to MSBU advisory board members!

APRIL 2023

Wayne McGee, Bridge Tender, at the Tom Adams Bridge, received an Exceptional Service Award for his dedication to service by going above and beyond to help citizens on their journey.



102 EXCEPTIONAL SERVICE AWARDS

APRIL 2023



Tom Elson & Bobby Weaver, Equipment Operator III's, Dwayne Smith, Equipment Operator II, and Timothie Bliss and David Williams, Equipment Operator I's, were presented with an Exceptional Service Award for their hard work installing drainpipe on Broad Ranch Drive in Port Charlotte.

MAY 2023

April Santos, Grants Analyst, received an Exceptional Service Award for her dedication and attention to detail that has resulted in significant funding that allows us to deliver the best service possible to our community.



mmunity & work of the stability of the s

MAY 2023

Mary Hill, Equipment Operator III, Andrew Choken, Equipment Operator I, and Zachary Simo, Maintenance Worker, received an Exceptional Service Award. This crew put in outstanding effort towards a challenging project. Their professionalism, experience, and attention to detail were truly remarkable.

AUGUST 2023

Ryan Prince, Field Supervisor, Mary Hill, Equipment Operator III, and Andrew Choken and Bill Alexander, Equipment Operator I's, received an Exceptional Service Award for their dedication and hard work replacing a culvert pipe on Acapulco Road.





SEPTEMBER 2023

Jeremy Fick & Abdool Khaleel, MAWC Specialists, received an Exceptional Service Award for their services clearing hydrilla from the Fordham Waterway.

YEARS OF SERVICE













5 YEARS

HAYDEN DOWNER, ZACH SIMO, JAMES RICHARDSON, TARAK COLLINS, TOM GARRETSON, KARLENE MCDONALD, ROB PACOVSKY, ANDREW CHOKEN, LORA ROSS

10 YEARS

RANDY CROWL II, BRIAN GREIG, MIKE KRISE, RICH LISENBEE, DAVID WHIDDEN, TODD SELL

20 YEARS

APRIL SANTOS, BRIAN BAILEY, JOHN CRABTREE, PAUL FULLAM

25 YEARS

ABDOOL KHALEEL

30 YEARS

PAUL KING



35 YEARS

JASON WEINMANN, RICHARD ALLEN

40 YEARS

ROBERT LUCAS



PROMOTIONS







ROBERT BOULE - Solid Waste Facility Operator IVAN CECILIO - Environmental Code Compliance Officer TARAK COLLINS - Solid Waste Facility Operator, Senior RYAN FLINT- Solid Waste Supervisor (West County) CHRISTIAN GONZALEZ - Traffic Signal & Video Technician KARLY GREENE - Maintenance & Operations Manager NICOLE HARRELSON - Administrative Services Coordinator **CHAD HOBSON** - Signing & Marking Technician II KENNA HUBAI - Business Services Manager **ERICA LEMASTER** - Community Liaison JOE MACHADO - Equipment Operator II **AGUSTIN MANCIA** - Survey Development Coordinator JODY MANSELL - Lighting District Superintendent KARLENE MCDONALD - Operations Supervisor **ROB PACOVSKY** - Equipment Operator III MICHAEL SHELLEY - Solid Waste Facility Operator, Senior WILL STEELE - Traffic Signal & Video Technician, Senior **KELLIE STEWART**- Community Liaison **DENNIS WEINBERGER** - Traffic Technician

PAUL BERG - Solid Waste Facility Operator, Senior

PROMOTIONS 105

RETIREMENTS



Steve Ruggieri retired after 16 years with the County

Andy Amendola retired after 25 years with the County



Wayde Butler retired after 11 years with the County





Frank Shupock retired after 29.5 years with the County













YEAR IN REVIEW



from all 5 divisions came together to reflect on this past year's challenges, accomplishments, future goals, and remembrance of Hurricane Ian. Pat Fuller, Emergency Management Director, stopped by to say a heartfelt thank you for helping our community recover from Hurricane Ian. The meeting wrapped up by recognizing team members from each division who exceeded expectations in delivering exceptional service.



TEAM MEMBERS RECOGNIZED AT THE YEAR IN REVIEW:

(Not pictured: Jamie Boies, Senior Program Coordinator, Parks & Natural Resources)



Lorenzo Daetz Solid Waste Supervisor



Karen Bliss Projects Manager



Karlene McDonald Operations Supervisor



Michele Winsor Human Resources Coordinator



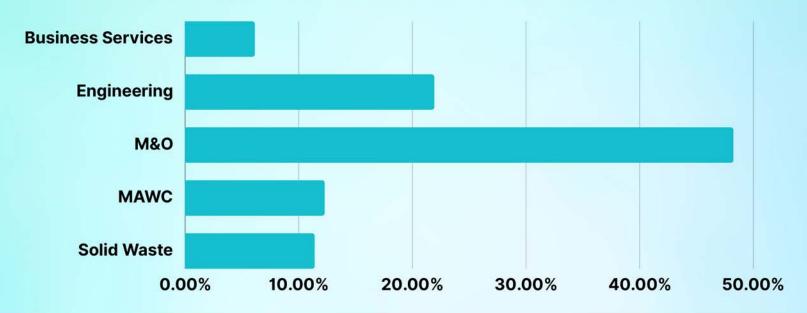
Nicole Harrelson Administrative Services Coordinator



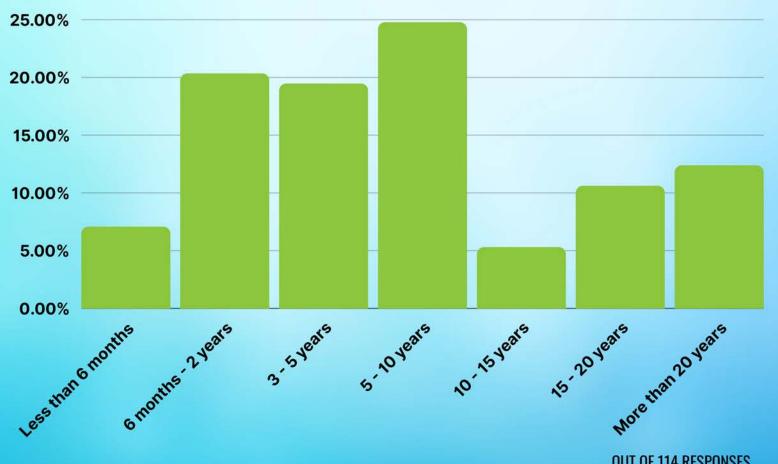
Sydney L'Heureux Beth Kovach Biological Specialists

ANNUAL SURVEY

WHICH DIVISION DO YOU WORK FOR?

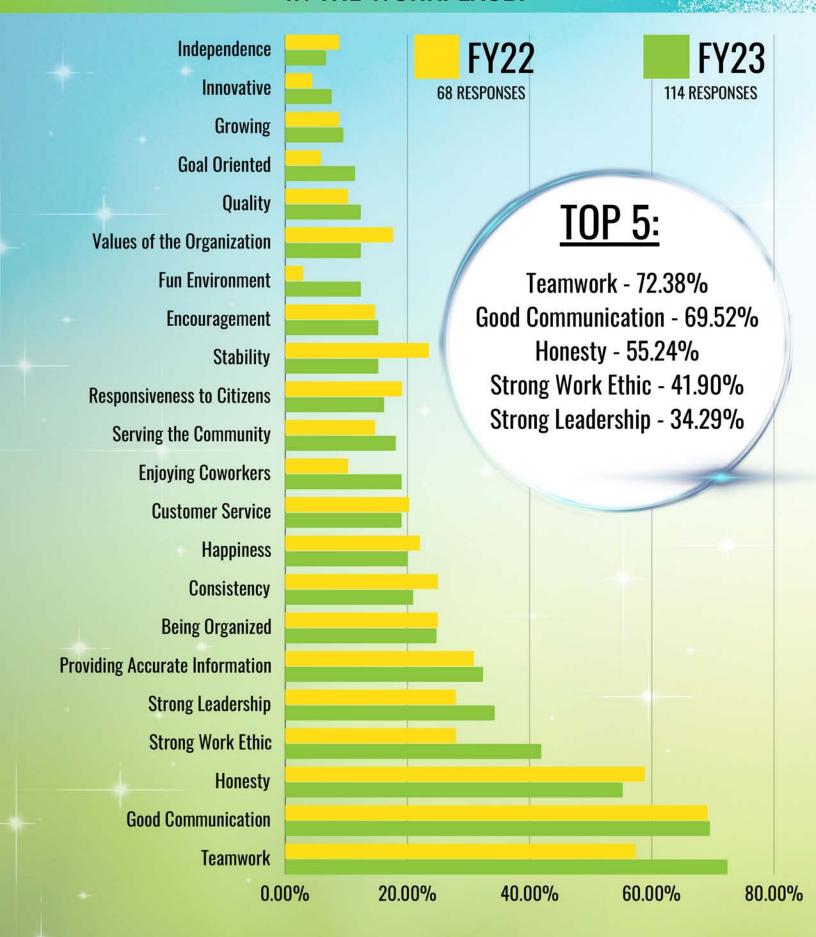


HOW LONG HAVE YOU WORKED FOR THE COUNTY?



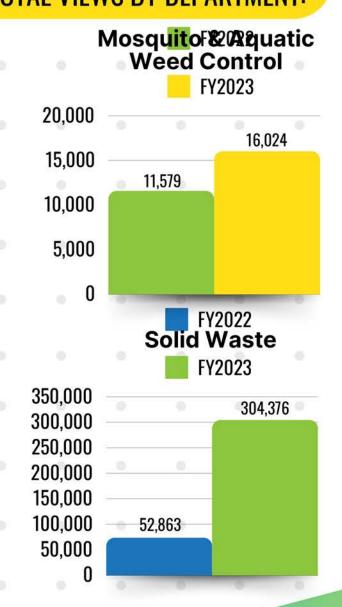
OUT OF 114 RESPONSES

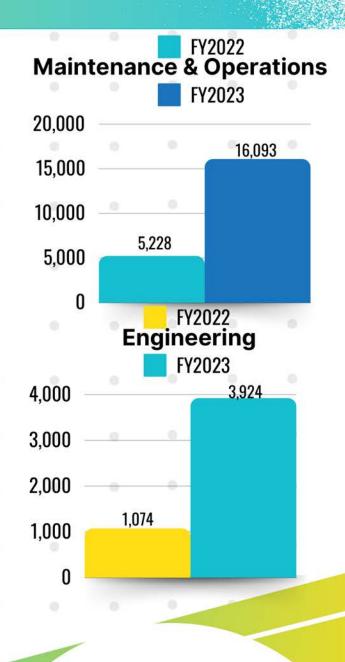
WHAT CONCEPTS DO YOU FEEL ARE MOST IMPORTANT IN THE WORKPLACE?



WEBSITE ANALYTICS WWW.CHARLOTTECOUNTYFL.GOV

TOTAL VIEWS BY DEPARTMENT:







FY2023

358,441

TOTAL WEBSITE VIEWS

110 WEBSITE ANALYTICS

FACEBOOK ANALYTICS

WWW.FACEBOOK.COM/CHARLOTTECOUNTYPUBLICWORKS



665
NEW PAGE FOLLOWERS

565 NEW PAGE LIKES

254,691 PEOPLE REACHED

490

21,192 TOTAL PAGE VISITS

TOTAL PUBLISHED POSTS



TOP POST

17,874 POST REACH

197
POST INTERACTIONS

45 POST COMMENTS

65 POST SHARES 318,862
TOTAL IMPRESSIONS

1,231 COMMENTS

8,407

10,607 ENGAGEMENTS

969 SHARES

111

FACEBOOK ANALYTICS

















ACKNOWLEDGEMENTS

WE WOULD LIKE TO EXPRESS OUR SINCERE THANKS TO ALL OF THE TEAM MEMBERS AT CHARLOTTE COUNTY PUBLIC WORKS. WITHOUT YOUR DEDICATION AND MANY HOURS OF HARD WORK, THE DEPARTMENT WOULD NOT OPERATE AS SUCCESSFULLY AS IT DOES. THANK YOU TO ALL THE MANAGERS, SUPERVISORS, AND STAFF WHO HAVE TAKEN THE TIME TO PROVIDE THE NECESSARY INFORMATION AND DATA FOR THIS ANNUAL REPORT PROJECT.



