



Hurricane Ian

Impacts and Status Update

Neighborhood Development Services



Impacts from the storm

- Increase in permit activity (primarily roofs) of approximately 8,000 permits.
- Increase in inspection activity of approximately 20 to 25 additional inspections per inspector each day.

Response to the impacts

- Waived permits for certain repairs through Emergency Orders (fence, sheds).
- Secured third-party provider service contracts for plan review and inspections.
- Increased overtime hours for inspectors.
- Paused code enforcement efforts for debris removal.

Neighborhood Development Services



Current status

- Performing inspections and plan review within mandated timeframes.
- Recruiting additional permanent full-time inspectors
- Resuming Code Enforcement efforts relating to debris that has not yet been cleared.

Looking ahead

- Maintain third-party provider contracts for inspections.
- Use post-hurricane procedures that were implemented and lessons learned to be in a more proactive mode rather than reactive mode.

Human Resources



Impacts from the storm

- Multiple buildings in the City sustained significant damage, were damaged or were rendered uninhabitable.
- Multiple City employees were directly impacted and required assistance.

Response to the impacts

- Responding to the hurricane damage became priority #1 with other projects being put on hold.
- Assisting personnel with individual and family needs (eg: clothing, housing, childcare, etc.).

Human Resources



Current status

- Risk staff members have been very busy working with FEMA, Rostan, vendors and insurance adjustors regarding mitigation efforts and damage assessments. They worked with adjustors for weeks to assess damages caused by the storm.
- Risk staff has also worked closely with Finance and Grants on the spreadsheet which notes the costs associated with the damages caused by the storm.

Looking ahead

- Staff will be sure to be onsite during storm to be available to go out with emergency personnel immediately to assess damage following the storms.

City Manager's Office



Current status

- Working on long term resiliency planning.
- Grant staff working hard on gathering and compiling reimbursement claims for submittal. Rostan Solutions is assisting city staff (reimbursable cost).
- Grant staff working on lessons learned and coordinating with Departments to make a more transparent process for procurement, reimbursable items, payroll, etc.

Looking ahead

- Participating with new state financial risk program (F-ROC) which should speed up hurricane claim audits and reimbursement process.
- Grant staff is applying for two Hazard Mitigation Grants: City Hall Hardening (roof and windows) and Bypass Pumps for Utilities Lift Stations.

Public Works



Impacts from the storm

- Public Works Operation Building heavily damaged, all buildings sustained some damage.
- 21 damaged traffic signals.
- Over 1000 street signs damaged/missing.
- Two water control structures damaged.

Public Works



Impacts from the storm

- Fleet shows over 90 pieces of equipment that had damage and needed repairs, from cracked windshields to malfunctioning generators and vehicles underwater.

Response to the Impacts

- Public Works Operations staff has been relocated to temporary facilities.

Public Works



Current status

- All Traffic signals have been repaired.
- One water control structure has been repaired and the other one is in the process of starting needed repairs.
- City in the process of hiring a Construction Manager to address permanent repairs.

Public Works



Looking ahead

- Public Works is starting a Vulnerability Assessment to address threats to all critical infrastructure in the City.

Utilities



Impacts from the storm

- The Operations and Administration buildings including the warehouse were destroyed. Nothing was salvageable in terms of the structure.
- The Water Treatment Plant at 5655 North Port Blvd. had damage to light poles, fencing, railings, variable frequency drives, ground storage tanks, and buildings. The only item on this site that was a total loss was a maintenance building that was destroyed.
- Hillsborough Booster Station at 17113 W. Hillsborough sustained damage. This site has fencing that was a complete loss.

Utilities



Impacts from the storm

- North East Booster Station at 1550 Nabatoff St. sustained some damage to the ground storage tanks, fencing, and buildings. There was a car covering at this site that was a complete loss.
- South West Booster Station at 8060 S Tamiami Trail sustained minimal damage to the ground storage tank.
- Wastewater Plant at 5355 Pan American Blvd. sustained damage to light poles, buildings, railings, programable logic controllers, generators, and fencing. Some of the buildings and coverings were a complete loss.
- Southwest Water Reclamation Facility at 8898 S Tamiami Trail sustained damage to structures and lighting.

Utilities



Impacts from the storm

- Initially and for about 4-6 months after, the department received a heavy volume of water usage and billing calls. Utilities also had calls concerning meter removal at modular home parks that led to an ordinance change.

Response to the Impacts

- Administrative staff worked out of their back packs and various facilities.
- Field crews worked out of their vehicles and the Water Treatment Plant.
- Contractor used for the broken water lines, performing directional drills under the bridges to avoid the same failure in the future. Contractor also used for sewage pump stations that failed, mostly electrical and controls.

Utilities



Current status

- 100% set up in temporary buildings.
- Lift stations are in various states of repair but nothing debilitating.
- Fence work is still under way.
- FEMA conducting damage assessments.

Utilities



Looking ahead

- Staff has spoken to engineers on the Administration/Operations building for potential hardening for stronger winds.
- Looking at increasing the elevation of the buildings.
- Will have all water lines under the canals before the 2023 season begins or shortly after.
- Fences have been upgraded.
- Recommended to Utilities customers that they have their water shut off at the meter to avoid any breaks or leaks that go unnoticed and drastically increasing their bill.
- Revisiting departmental DOC so that they are better prepared.

Police



Impacts from the storm

- Many License Plate Readers located throughout the City at fixed locations were destroyed. Approximately \$86,000.00 in damages.
- Fencing and roofing at the Police HQ was damaged severely.
- PD Storage Building at Facilities off North Port Blvd was severely damaged (roof) and some equipment was either heavily damaged or destroyed.
- The gate at the Public Safety building was also damaged.



Police

Response to Impacts

- Utilized many resources from outside of the area to enhance capabilities.

Current Status

- Gate at Wellen Park was damaged.
- Fencing at PD headquarters still needs to be replaced (braces currently being used for support).
- PD's roof still needing to be repaired.
- North Port Blvd. roof still needs to be replaced.

Police



Current Status

- All License Plate Readers have been replaced.
- All equipment that was damaged in North Port Blvd. Building has been replaced.
- FEMA in the process of conducting damage assessments.

Looking Ahead:

- Aside from damages noted, no additional planning underway beyond those already in progress.

Fire and Rescue



Impacts from the storm

- Damage sustained at all six Fire and Rescue stations.
- Response to specific locations were hampered due to damaged and flooded roadways.
- Response times were extended due to use of non-traditional routes and equipment to reach locations.
- Backlog of 911 calls (over 800).
- Sustained damage to staff vehicles.



Fire and Rescue

Response to Impacts

- Utilized numerous resources from outside of the area to support operations.
- Able to continue operations from all stations that sustained damage.
- Unprecedented number of evacuations conducted (close to 1,300).
- Added teams and equipment to several stations to meet response demands.

Fire and Rescue



Current Status

- All stations remain operational.
- FEMA in the process of conducting damage assessments.
- Until repairs completed, crews from Station 81 will be temporarily relocated to GMAC for any named storms.

Looking Ahead:

- Tactical First in Teams road clearing response capabilities being modified to better address flooding situations.

Parks and Recreation



Impacts from the storm

- Parks Maintenance Building – office, restrooms and storage heavily damaged.
- Gym floor at MFCC – water intrusion from roof/AC unit damage.
- Warm Mineral Springs buildings sustained flooding and roof damage.
- Scout House – damage to roof.
- Aquatic Center sustained damage to all signage, scoreboard, and shade structures.
- GMAC – damage to soffit, fascia and roof.

Parks and Recreation



Impacts from the storm

- 8 kayak launches, and docks damaged beyond repair.
- 10 shade structures destroyed.
- 9 shade structures damaged.
- Approximately 3,500 linear feet of fencing damaged.
- Miscellaneous playground equipment damaged.
- 4 scoreboards damaged.

Parks and Recreation



Impacts from the storm

- Butler Park Field 4 and Dallas White field lighting were damaged.
- Many restroom doors at various parks were damaged.
- Batting cage lighting at Narramore Park damaged beyond repair.

Parks and Recreation



Response to Impacts

- Relocated Maintenance management team to storage room in the GMAC.
- MFCC programs decreased in size and number of offerings and relocated to smaller gym at GMAC. Summer Camp relocated to GMAC as well.
- Needed to close Warm Mineral Springs for over 190 days.
- All Scout troop reservations moved to other facilities.
- Needed to repair all signage before reopening could occur.

Parks and Recreation

Current Status

- Temporary facilities in process of being procured for Parks Maintenance staff.
- Warm Mineral Springs has reopened.
- Currently clearing and trimming trees (90% complete).
- Soliciting bids for electrical contractors for sports lighting.
- Sharing limited space for all programs.
- Scoreboard issue may impact high school swim season.

Parks and Recreation

Looking Ahead:

- Parks maintenance will require a permanent home with space for equipment, vehicles, storage, and offices and should be hurricane rated.
- Roofs for both recreation centers should be hardened for future storms.
- Tree planting should be strategic.
- Purchases for communications /Starlink should be budgeted.

IT



Impacts from the storm

- Cellular communications throughout the City were diminished due to providers power loss and damage to cellular equipment on towers.
- City Hall experienced a loss of power due to our generator powering down. This caused an outage to servers, network, and phone system.
- Phone service providers equipment went down due to power loss which took down dial tone to City phone system impacting EOC, call center, and public safety.
- While on City Hall generator this unit does not provide power to the HVAC system needed to keep IT hardware from overheating.

IT



Impacts from the storm

- Due to various building damage, there was a loss of IT related technology.
- There was a total loss of several City facilities forcing a relocation of City staff and technology.

IT



Response to Impacts

- During the event IT worked with City cellular provider to deploy emergency resources.
- IT deployed Starlink satellite internet and cellular boosters to assist in providing services to EOC and call center operations at City Hall.
- IT requested cellular resources to be deployed to Public Works operations.
- IT attempted to reach other cellular providers in the area to assist with services.

IT



Response to Impacts

- Worked with City phone system dial tone provider to deploy generator power to their equipment in the field.
- Worked with phone system vendor to configure additional ways to receive dial tone from other methods through the internet.
- Have been working with all departments whose facilities were impacted by the storm. IT has or is currently working on providing network and communications to temporary buildings.
- Worked with departments on technology that was damaged.

IT



Current Status

- Working with Public Works on low voltage needs in order to move staff into temporary trailers.
- Recommending several items for next FY budget.

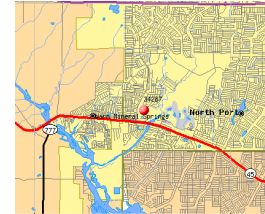
IT



Looking Ahead:

- Looking to purchase Starlink internet and staff has spoken to various departments who may also benefit from these services.
- Looking to purchase additional cellular hotspots from multiple cell carriers. Staff has spoken to other departments regarding these benefits.
- Working with EOC management to improve the layout and services within the EOC operations.
- Working toward the deployment of multiple cell boosters to improve coverage in a few facilities.
- Working toward improving City's overall disaster recovery strategy.

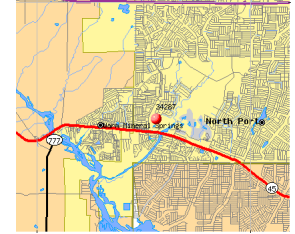
GIS



Impacts from the storm

- Due to the number of requests for GIS services staff was about a week behind. Staff eventually caught up once they started their normal schedule.
- The power outage caused severe plotter jams due to high humidity.
- Communications from Directors to staff became an issue once city communications went out.

GIS



Response to Impacts

- Opened the Parks conference room for GIS personnel.
- Sarasota county sent two GIS professionals to assist with incoming requests so back logged requests could be completed.
- Matte paper was ordered. This paper is more durable for situations comparable to outdoor situations.
- Had discussions with the GIS personnel who were not present for various reasons and have received confirmation about their duties during next emergency.

GIS



Current Status

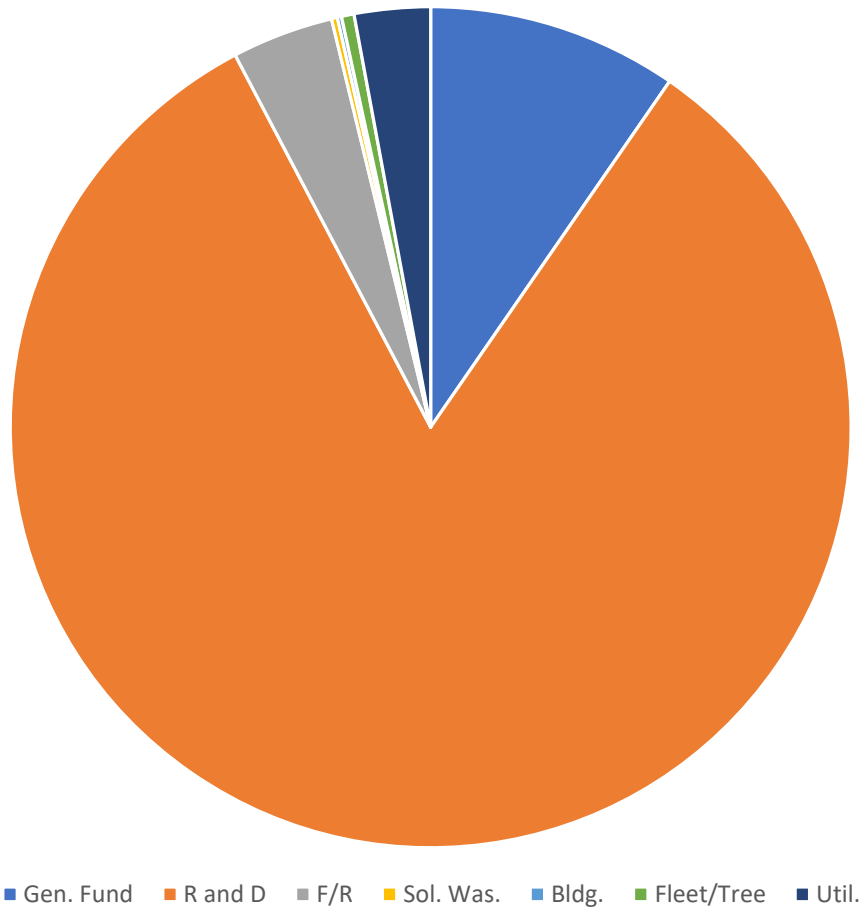
- All work areas for GIS personnel are currently open and are not currently impacted.

Looking Ahead

- Scheduled training with PD and FD field personnel on how to use mobile GIS applications.
- Communicated with the PD drone team since the city has new drones and have instructions for setting up a process for downloading images from the cloud.

Estimated Financial Impacts

Impact Chart



- Road and Drainage- \$57,984,012
- General Fund- \$6,749,458
- Fire Rescue- \$3,187,548
- Utilities- \$2,048,411
- Fleet, Tree- \$338,564
- Solid Waste- \$156,181
- Building- \$115,350
- **Total Cost- \$70,131,096**
- **Potential Recovery- \$65,066,713**
- **Net Impact- \$5,064,383**