

Brevard County Board of County
Commissioners, Florida

Recovery Plan

**State and Local Fiscal Recovery
Funds**

2022 Report

Brevard County Board of County Commissioners, Florida
2022 Recovery Plan

Table of Contents

Executive Summary 2

Uses of Funds 3

Promoting Equitable Outcomes..... 4

Community Engagement..... 5

Labor Practices 5

Use of Evidence 5

Table of Expenses by Expenditure Category 6

Executive Summary

The American Recovery Plan Act (ARPA) was passed by Congress on March 10, 2021 and signed into law on March 11, 2021. It augments programs started by the Coronavirus Aid, Relief, and Economic Security Act (CARES Act) in 2020 and the Consolidated Appropriations Act in 2021 and created new programs to address the continuing pandemic-related crises, and fund recovery efforts. Brevard County received ARPA funding in the amount of \$116,920,177 from United States Department of the Treasury (Treasury). The initial tranche of \$58,460,088 was received on May 19, 2021 and the second tranche in the amount of \$58,460,088 was received on June 9, 2022.

The Final Rule provides that these funds may be used for (a) to respond to the public health emergency with respect to Coronavirus Disease or its negative economic impacts, (b) to respond to workers performing essential work during the COVID-19 public health emergency by providing premium pay to eligible workers, (c) revenue replacement for the provision of government services to the extent of the reduction in revenue of the county due to the COVID-19 public health emergency, or (d) to make necessary investments in water, sewer, stormwater or broadband infrastructure.

Brevard County's ARPA Recovery Plan built on the consideration the Board of County Commissioners allocation of and expenditures related to CARES funding Brevard County received on April 23, 2020 for Public Health and Safety programs. The County has been able to address many different aspects of the economic recovery while ensuring that public health and other community needs remained a key focus.

Uses of Funds

Brevard County Board of County Commissioners initially approved their ARPA Recovery Plan on July 20, 2021. Complying with Treasury's guidelines, this plan was practical and effective in protecting the public health and the region's economy. With the receipt of the 2nd tranche, the County is developing a revised plan to incorporate the 2nd tranche of funding.

The outline below provides the broad categories of Brevard County's allocation of ARPA funding for the allocation of \$70,660,088 (\$58,460,088 of the 1st tranche and \$12,200,000 of the 2nd tranche) of Coronavirus State and Local Fiscal Recovery Funds (CLFRF) under ARPA:

Brevard County ARPA Recovery Plan Funding Categories

1. Investment in Water, Sewer Infrastructure, and Stormwater

This plan invests \$44 million of ARPA funds for water, wastewater, and stormwater projects, which are designed to improve water quality and address water pollution, enabling the County to address and prioritize the needs of the citizens. Projects include constructing, improving, and repairing wastewater treatment plants, controlling non-point sources of pollution, improving resilience of infrastructure to severe weather events and protecting the County's waterbodies from pollution.

Categories of eligible projects include treatment, transmission and distribution, source rehabilitation and decontamination, storage, consolidation, and new systems development. Eligible projects also include: construction of publicly owned treatment works, nonpoint source pollution management, national estuary program projects, decentralized wastewater treatment systems, stormwater systems, water conservation, efficiency and reuse measures, watershed pilot projects, energy efficiency measures for publicly-owned treatment works, water reuse projects, security measures at publicly-owned treatment works, and technical assistance to ensure compliance with the Clean Water Act.

2. Public Health

In order to provide for the health and safety to the community served by Brevard County, an allocation of \$2 million for an employee vaccine incentive program was established. This program incentivizes fully vaccinated County employees who are providing essential services during the COVID-19 public health emergency. This allocation has been expended.

Brevard County allocated \$12.2 million of the 2nd tranche towards the construction of a new Emergency Operation Center (EOC). The current Brevard County EOC is the most frequently activated EOC in the state of Florida, and one of the most frequently activated in the United States due to the number of space launches and launch attempts. While Brevard has storm surge, flooding, and wildfire threats that most coastal counties in Florida face, it is also home to the second busiest cruise port in the world, multiple military facilities, and a robust defense industrial base. Brevard is also susceptible to a nuclear power plant incident, as the County is within the 50-mile ingestion pathway for the St. Lucie Nuclear Power Plant.

The EOC has been the primary location for staff to gather and disseminated information about COVID-19 to residents of Brevard County. Staff were present to ensure a consistent rollout of the testing kits and vaccines the County received, as well as coordinating with the County Sheriff's office and local municipalities police staffs to ensure proper protection and supplies were available for public safety staff. The EOC also coordinated with the County's Transit system to ensure travel was available for those in need to get access to testing and vaccines.

The current EOC is over 55 years old, undersized, and carries a variety of facility and technology issues. When an EOC activation occurs, it houses over 200 people from cross-functional teams including: County staff, Brevard County Sheriff's Office (BCSO), Florida Health Department, municipal representatives, Federal partners (NASA, Department of Defense, Coast Guard), Brevard County Schools, National Weather Service, State of Florida Emergency Management, and several private partners to include communications and energy providers. There is very little space available in this building to provide for all the needed staff to adequately respond to emergencies. There are also issues with flooding during storm events, which can lead to technology outages.

The new Brevard County EOC will be located on a plot of land owned by the County, and in a less flood prone location. Additionally, the building will be significantly larger than the current facility, which will allow for enhanced social distancing and safety measures for staff. The building will also include a consolidated emergency call center that will better be able to respond during the disaster events and provide the appropriate level of responses for the current COVID-19 response and all future emergencies.

3. Revenue Replacement Opportunities

The County allocated \$12.5 million for use for revenue replacement projects. Of this amount, currently \$8.5 million has been dedicated to the Fire Rescue program to support the County's public safety operations. The remaining \$4 million in revenue replacement funds has been allocated towards critical priorities in the county. To date, \$2.4 million of the \$4.0 million has been obligated to these critical programs. As provided by Treasury guidance, this revenue loss can be used for maintenance of infrastructure including roads, modernization of cybersecurity, protection of critical infrastructure, health services, environmental remediation, school or educational services, and the provision of police, fire and other public safety services. The County is in the process of allocating the remaining \$36.0 million that's available within this category.

4. Other Eligible Programs, Funding Levels to Be Determined

Brevard County is in the process of assessing the needs of our community and the impacts of the COVID-19 public health emergency to determine how to most effectively allocate remaining ARPA funds. Eligible programs being considered include but are not limited to: addressing negative economic impacts in recognition of disproportionately impacted communities and economically disadvantaged; programs that provide workforce readiness training; promoting healthy childhood environments. The total amount of ARPA funding from the second tranche available to be allocated is \$46.3 million.

Promoting equitable outcomes

As Brevard County moves forward with implementing the ARPA Recovery Plan, initiatives are being established to measure equity including developing goals to provide benefits across various groups, awareness for residents and businesses, and equitable access and distribution of programs and services.

This initial plan invested the majority of ARPA funds in water and wastewater projects has now been expanded to include stormwater projects. These are community projects that will provide citizens with clean water, additional capacity, and resiliency to climate change. While developing this plan, careful consideration was given to ensure that projects are completed timely to benefit the community.

Developing a vaccination incentive program has encouraged essential employees to get vaccinated in order to provide a safe working environment, as well as reduce public

health risk to the community. Research shows that vaccinated employees are less likely to transmit the COVID-19 virus, and therefore are less likely to infect their families, coworkers, and the general public that they serve. This program protects employees and citizens while mitigating the risk of reduced public services that could result from excessive sick leave of essential workers.

The initial ARPA Recovery Plan allocated a portion of revenue replacement funds to support the operational needs of the Fire Rescue Department, ensuring that public health and safety needs were well served. These resources allowed for key investments in personnel, capital equipment, and infrastructure to effectively respond to our community.

The County is currently evaluating the community's needs and further COVID-19 impacts to determine how remaining funds will be expended. Opportunities include but are not limited to: investing in the community; long term needs for drinking water projects; long term needs for wastewater and stormwater projects; addressing negative economic impacts of disproportionately impacted communities and economically disadvantaged; addressing educational disparities exacerbated by COVID-19, including educational services and workforce training; promoting healthy childhood environments; and additional provisions of government services to benefit and serve the community through revenue replacement opportunities.

Community Engagement

All programs were approved by the Board of County Commissioners at a public meeting where the community has an opportunity to provide input in a public forum. Commissioners engage with the citizens on a daily basis to understand the local needs, priorities, and pressures facing the County.

Prior to advertising and solicitation of projects, Brevard County will look for opportunities to engage local contractors and workforce through community outreach. All projects undertaken with the second tranche of funds will follow the same community engagement plan.

Labor Practices

The County will ensure that as projects are selected to utilize SLFRF funds, that all procurement contracts using such funds are consistent with the procurement standards set forth in the Uniform Guidance at 2 CFR 200.317 through 2 CFR 200.327, as applicable, as well as local procurement policies. The Uniform Guidance requires competitive bidding and contractor oversight and maintaining written standards of conduct and prohibitions on dealing with suspended or debarred parties.

Brevard County will strongly encourage the use of local workforce to promote efficient delivery of high-quality infrastructure projects while also supporting the economic recovery efforts. The County will report on community benefits agreements, workforce wages and local hiring achieved through these agreements.

Use of Evidence

The County is not currently incorporating evidence-based interventions or program evaluations into its use of the SLFRF funding. The bulk of the funding is being used to address critical areas of need in the community with respects to drinking water and water pollution control. If the Board, in conjunction with the community, decides funds should be used to address the types of projects that require these evaluations, the County will fully comply with all Federal guidelines.

Performance Report

The infrastructure projects planned below were divided across all five of Brevard County's Districts to ensure assistance to residents across the County. See Projected Outcomes in the Project Inventory below. \$66,426,003 has been budgeted for specific programs out the above mentioned \$70,660,088. \$2,442,540 remains in Revenue Replacement funding that has not been budgeted, and \$1,791,545 remains to be budgeted for projects from the first Tranche of funds.

Table of Expenses by Expenditure Category

Category		Cumulative Obligations to date (\$)	Cumulative Expenditures to date (\$)
1	Expenditure Category: Public Health		
1.1	COVID-19 Vaccination	\$1,997,086.00	\$1,997,086.00
1.7	Capital Investments or Physical Plant Changes to Public Facilities that respond to the COVID-19 public health emergency	\$0.00	\$0.00
1.14	Other Public Health Services	\$0.00	\$0.00
2	Expenditure Category: Negative Economic Impacts		
2.1	Household Assistance: Food Programs	\$0.00	\$0.00

Category		Cumulative Obligations to date (\$)	Cumulative Expenditures to date (\$)
3	Expenditure Category: Services to Disproportionately Impacted Communities		
3.1	Education Assistance: Early Learning	\$0.00	\$0.00
4	Expenditure Category: Premium Pay		
4.1	Public Sector Employees	\$0.00	\$0.00
5	Expenditure Category: Infrastructure		
5.1	Clean Water: Centralized wastewater treatment	\$0.00	\$0.00
5.2	Clean Water: Centralized wastewater collection and conveyance	\$0.00	\$0.00
5.3	Clean Water: Decentralized wastewater	\$0.00	\$0.00
5.4	Clean Water: Combined sewer overflows	\$0.00	\$0.00

5.5	Clean Water: Other sewer infrastructure	\$14,410,464.00	\$0.00
5.6	Clean Water: Stormwater	\$3,708,260.00	\$1,687,720.40
5.7	Clean Water: Energy conservation	\$0.00	\$0.00
5.8	Clean Water: Water conservation	\$0.00	\$0.00
5.9	Clean Water: Nonpoint source	\$0.00	\$0.00
5.10	Drinking water: Treatment	\$0.00	\$0.00
5.11	Drinking water: Transmission & distribution	\$1,751,966.00	\$0.00
5.12	Drinking water: Transmission & distribution: lead remediation	\$0.00	\$0.00
5.13	Drinking water: Source	\$0.00	\$0.00
5.14	Drinking water: Storage	\$0.00	\$0.00
5.15	Drinking water: Other water infrastructure	\$0.00	\$0.00

Category		Cumulative Obligations to date (\$)	Cumulative Expenditures to date (\$)
6	Expenditure Category: Revenue Replacement		
6.1	Provision of Government Services	\$460,643.00	\$0.00
7	Administrative and Other		
7.1	Administrative Expenses	\$0.00	\$0.00
7.2	Evaluation and data analysis	\$0.00	\$0.00

Brevard County Board of County Commissioners Recovery Plan Project Inventory

<u>Project Names</u>	<u>Budgeted Amount</u>	<u>Obligated Amount</u>	<u>ID Number</u>	<u>Exp. Category</u>	<u>Description</u>	<u>Timeline Estimates</u>	<u>Delivery Mechanism</u>	<u>Outcomes</u>
Employee Vaccine Incentive Program	\$2,000,000	\$1,997,086	11000	1.1	The Revenue Replacement funds have been allocated to General Government Services as provided by Treasury guidance. In order to provide for the health and safety to the community we serve, Brevard County allocated 2 million for an employee vaccine incentive program. This program incentivizes fully vaccinated County employees who are providing essential services during the COVID-19 public health emergency.	Three months. Program is completed.	Employees were required to provide vaccine records to receive the incentive.	Employees were protected from infection from COVID-19, and in return our citizens that they interact with were protected.
New EOC Building	\$12,200,000	\$0	6518405	1.7	Brevard County's existing EOC building is over 55 years old and is prone to flooding. It does not contain adequate space for the needs of the county. The Board of County Commissioners set aside 122 million from the 2nd Tranche of funds to build this new EOC on land already owned by the County.	24 - 36 months. This project is currently in the bidding process. Once the bid has been awarded, construction should take place within three months, with construction taking up to 18 months to complete.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed, including but not limited to Davis Bacon.	The increased room and reliability of the new EOC will enable the Brevard County staff to keep residents safe during all emergencies, including COVID 19 response.
Barefoot Bay Chlorine Pumps	\$1,182,000	\$0	513868	5.11	This project will install a chlorine and ammonia feed system at the Barefoot Bay water booster station. Included in this project are upgrades to the pumping and electrical systems associated with this booster station.	24-36 months. This project is currently in the planning stages before going out to bid.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	These upgrades will provide much needed improvements to a drinking water delivery system that serves a very rural area of Brevard County.
Mims Waterline Replacement Phase 3	\$1,752,000	\$1,751,966	6980113	5.11	This project will replace the asbestos cement and thin-walled P V C pipe in the Mims water distribution system and includes changing over the water service connections from the existing pipes to the new pipes. This project will take place in seven phases.	Each phase should take between 12-24 months.	Phase 3 has been awarded to Young's Communications, LLC. They were selected by appropriate procurement methods. Work has begun, but is less than 50% completed.	The quality of the drinking water will be increased and known carcinogens will be removed from the cement that houses the pipes. This will impact a mostly rural area of Brevard County.

Mims Waterline Replacement Phase 4	\$1,800,000	\$0	6980114	5.11	This project will replace the asbestos cement and thin-walled P V C pipe in the Mims water distribution system and includes changing over the water service connections from the existing pipes to the new pipes. This project will take place in seven phases.	Each phase should take between 12-24 months.	Phase 4 has not begun yet. County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	The quality of the drinking water will be increased and known carcinogens will be removed from the cement that houses the pipes. This will impact a mostly rural area of Brevard County.
Viera Wetlands Improvements 1	\$1,200,000	\$0	517427	5.5	This project is related to our consent order with the FDEP on high nutrient discharge to the Mile Creek which feeds in to the St John River. The scope of this work involves the biological rehabilitation of the wetlands which includes, but not limited to, much removal, vegetation removal and planting, and slope restoration. Doing the described will improve the biological performance of the wetland.	12 - 24 months. This project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon from Mile Creek.
South Brevard WWTP Land acquisition	\$2,000,000	\$0	6520305	5.5	This project is related to utilizing ARPA funds to purchase land for a new Waste Water Treatment plant to serve the entire South Brevard service area, including the Barefoot Bay service area.	24-36 months. This project is currently in the design / research phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will allow the County to purchase land to build a new Waste Water Treatment facility to serve South Brevard, and increase the system capacity and improve service to residents in the southern portion of the county.
South Brevard WTP Land acquisition	\$1,000,000	\$0	6520306	5.5	This project is related to utilizing ARPA funds to purchase land for a new Water Treatment plant to serve the entire South Brevard service area, including the Barefoot Bay service area.	24-36 months. This project is currently in the design / research phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will allow the County to purchase land to build a new Water Treatment facility to serve South Brevard, and increase the system capacity and improve service to residents in the southern portion of the county.
Suntree Booster Station	\$2,231,000	\$2,231,000	6540405	5.5	This project involves the rehabilitation of the Suntree booster station. This project includes, but not limited, to the replacement of the vertical turbine pumps, controls and rehabilitation of the storage tank.	24-36 months. This project has been awarded, and work has beegun on the booster station.	County Procurement Policies were followed, and Florida Design Contractors was awarded the contract.	This project will ensure consistent and safe operation of the sewer lines for Brevard County residents in Suntree.

Viera Wetlands Improvements 2	\$800,000	\$0	6540422	5.5	This project involves the installation of wetlands cell and outfall weirs and valves have corroded to the extent of being inoperative. It is difficult to maintain water levels in the cells and main lake. The 20" flow meter is not reliable, the installation allows the pipe and flow meter to drain causing flow readings to fluctuate between positive and negative.	24-36 months. This project is currently in the planning stages.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon from Mile Creek.
Micco A Septic to Sewer	\$1,060,500	\$1,060,500	6572301	5.5	Septic to sewer project for 31 properties in Micco. Currently in design phase. Consists of design and construction of main sewer line and sewer connection to private residences.	36-48 months. This project has been awarded, and work has begun on installation of the sewer line. Once that is finished, the connection of private residences can commence.	County Procurement Policies were followed, and Metro Equipment Service, Inc. was awarded the contract.	This project will reduce septic tank runoff into the Indian River Lagoon, and connect rural residents of Brevard County to a municipal sewer line.
South Central Zone C Septic to Sewer	\$2,952,964	\$2,952,964	6572403	5.5	Septic to sewer project for 142 properties. Consists of design and construction of main sewer line and sewer connection to private residences.	36-48 months. This project has been awarded, and work has begun on installation of the sewer line. Once that is finished, the connection of private residences can commence.	County Procurement Policies were followed, and CK Contractors and Development, LLC was awarded the contract.	This project will reduce septic tank runoff into the Indian River Lagoon, and connect rural residents of Brevard County to a municipal sewer line.
South Beaches Zone A Septic to Sewer	\$1,265,236	\$0	6572504	5.5	Septic to sewer project for 37 properties. Consists of design and construction of main sewer line and sewer connection to private residences.	36-48 months. This project is still in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will reduce septic tank runoff into the Indian River Lagoon, and connect rural residents of Brevard County to a municipal sewer line.
Sewer and Manhole Lining	\$2,500,000	\$0	6981306	5.5	This project consists of lining gravity sewers within the South Central utility service area. This project will result in less Inflow and Infiltration and reduce the probability of sewer discharges.	24-36 months. This project is still in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will help to prevent ground water penetration into sewer pipes, and will help reduce the potential for sewage leaks into the Indian River Lagoon.

					This project involves the replacement of approximately 3500 linear feet of 14 inch diameter sewer force main on Sykes Creek Parkway. This project was identified in the Utilities Services Division Infrastructure Asset Evaluation conducted in 2013.	24-36 months. This project has been awarded, and work has begun on replacing the force main.	County Procurement Policies were followed, and Metro Equipment Service, Inc. was awarded the contract.	This project will ensure consistent and safe sewer service to Brevard County Residents, and reduce the risk of a possible sewage spill into the Indian River Lagoon.
Sykes Creek Force Main	\$1,999,603	\$1,999,603	6985217	5.5				
					This project consists of the replacement or rehabilitation of lift stations within the Sykes Creek service area. Each of the lift stations identified is beyond its useful life.	24-36 months. This project has been awarded and work has begun.	County Procurement Policies were followed, and Felix Associates of Florida, Inc. was awarded the contract	This project will ensure continued safe sewer service to residents of Brevard County.
LS V 03	\$1,843,397	\$1,843,397	6987217	5.5				
					This project consists of the replacement or rehabilitation of lift stations within the Sykes Creek service area. Each of the lift stations identified is beyond its useful life.	24-36 months. This project has been awarded and work has begun.	County Procurement Policies were followed, and Danus Utilities was awarded the contract.	This project will ensure continued safe sewer service to residents of Brevard County.
LS M-16	\$2,124,000	\$2,124,000	6987218	5.5				
					This project consolidates the existing lift stations by constructing new lift stations and force main.	24 - 36 months. The project is currently in the design phase.	County Procurment Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will ensure continued safe sewer service to residents of Brevard County.
LS C8 9 & 10	\$3,429,000	\$0	6987219	5.5				
					This project consists of the replacement or rehabilitation of lift stations within the Sykes Creek service area. Each of the lift stations identified is beyond its useful life.	24 - 36 months. The project is currently in the design phase.	County Procurment Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will ensure continued safe sewer service to residents of Brevard County.
LS F 04	\$604,000	\$0	6987220	5.5				
					This project consists of the replacement or rehabilitation of lift stations within the South Central service area. Each of the lift stations identified is beyond its useful life.	24 - 36 months. The project is currently in the design phase.	County Procurment Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will ensure continued safe sewer service to residents of Brevard County.
LS S 27	\$720,000	\$0	6987303	5.5				
					This project consists of the replacement or rehabilitation of lift stations within the South Beaches service area. Each of the lift stations identified is beyond its useful life.	24-36 months. This project has been awarded and work has begun.	County Procurement policies were followed, and Gregori Construction, Inc. was awarded the contract	This project will ensure continued safe sewer service to residents of Brevard County.
LS S 19	\$1,345,000	\$1,345,000	6987409	5.5				

LS S 26	\$854,000	\$854,000	6987501	5.5	This project consists of the replacement or rehabilitation of lift stations within the South Beaches service area. Each of the lift stations identified is beyond its useful life.	24-36 months. This project has been awarded and work has begun.	County Procurement Policies were followed, and Danus Utilities was awarded the contract.	This project will ensure continued safe sewer service to residents of Brevard County.
LS B 03	\$500,000	\$0	6987502	5.5	This project consists of the replacement or rehabilitation of lift stations within the South Beaches service area. Each of the lift stations identified is beyond its useful life.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will ensure continued safe sewer service to residents of Brevard County.
Basin Treatment Planning - Stormwater	\$400,000	\$0	515979	5.6	This consists of the initial modeling and design of denitrification bioreactors and other nutrient removal systems in Brevard County drainage systems. It addresses nutrient loading by using groundwater/stormwater treatment technologies to intercept nutrient-laden waters prior to discharge into the Indian River Lagoon.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Basin 2258 Babcock Road Bioreactor Stormwater	\$89,000	\$0	516649	5.6	This consists of the modeling, design and installation of a denitrification bioreactor in a Brevard County drainage ditch to address nutrient loading by using groundwater/ stormwater treatment technologies to intercept nutrient-laden waters prior to discharge into the Indian River Lagoon.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Indian River Stormwater Improvements	\$625,000	\$0	517302	5.6	Stormwater costs are estimated at \$625,000 due to site conditions (25% of construction). Funding for the remainder of the project is estimated at \$1.875M, Requiring funding from other sources. Surveying/drainage analysis/Master Plan in progress(complete 2022); Funding for Engineering and Permitting only (2023-2026).	36-48 months.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Titusville Causeway Beach Restoration	\$500,000	\$0	517434	5.6	This project is to restore a recreational sandy beach at the northeast end of the causeway, adjacent to planned park improvements. The sandy beach will improve resilience from erosion wave attack for the park improvements and the road.	36-48 months. The project is in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will help reduce erosion along the shoreline of the Indian River Lagoon in a vital seagrass habitat.

Titusville Maintenance Kaiser Walking Excavator	\$475,000	\$385,019	517492	5.6	Purchase of Equipment required to clean and maintain ditches and outfall systems with limited access.	6 months. Project is complete.	County Procurement Policies were followed, and Southern Sewer Equipment Sales was the lowest price.	Staff needed updated equipment to be able to clean and maintain ditches and stormwater outfalls to keep the stormwater system functional.
Kaiser Walking Excavator	\$404,740	\$385,019	517493	5.6	Purchase of Equipment required to clean and maintain ditches and outfall systems with limited access.	6 months. Project is complete.	County Procurement Policies were followed, and Southern Sewer Equipment Sales was the lowest price.	Staff needed updated equipment to be able to clean and maintain ditches and stormwater outfalls to keep the stormwater system functional.
Gradall Excavator	\$455,260	\$455,260	517494	5.6	Purchase of Equipment required to clean and maintain ditches and outfall systems and replace culverts.	6 months. Project is complete.	County Procurement Policies were followed, and Great Southern Equipment Co. was the lowest price.	Staff needed updated equipment to be able to clean and maintain ditches and stormwater outfalls to keep the stormwater system functional.
Street Sweeper	\$375,000	\$327,423	517495	5.6	Purchase of Equipment to clean roadways to prevent debris from getting into the drainage systems.	6 months. Project is complete.	County Procurement Policies were followed, and Great Southern Equipment Co. was the lowest price.	Staff needed a replacement Street Sweeper to collect debris on city streets and prevent it from entering the stormwater or sewer systems.
Micco Central Stormwater	\$802,500	\$0	6551302	5.6	Areas in Micco around Central Avenue have inadequate drainage and treatment which has resulted in flooding. This project consists of the construction of a stormwater pond, channel, and culver improvements to alleviate stormwater runoff issues.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Ellis Road Widening from John Rodes	\$1,760,764	\$0	6952504	5.6	This project consists of widening Ellis Road to four lanes from John Rodes Boulevard to just west of Wickham Road 1.7 miles. Signal plans, pavement marking plans, as well as utility coordination and permitting will be a part of this project.	36-48 months. Project is in preliminary design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	The project will enhance the Stormwater collection in the John Rodes area through new Sewer lines and stormwater collection areas built alongside this widening.

Cherokee/Bayfield Remedial Stormwater	\$400,000	\$0	6957111	5.6	This project involves the construction of new drainage pipe on Cherokee Ave & Bayfield St. The redesign will provide a drainage outfall route to drain the water from this existing low point and eliminate or minimize the ponding problems in the area.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Devonshire Stormwater Improvements	\$350,000	\$0	6957113	5.6	This project involves the construction of new drainage system to replace existing drainage system (french drain) and add access driveway.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Ruby St Stormwater Sediment & Treatment System	\$547,036	\$0	6957410	5.6	Construct a wet pond with denitrification outfall to treat stormwater discharging to the Indian River Lagoon from a commercial & residential basin. This project reduces the amount of pollution entering the Indian River Lagoon from stormwater runoff.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Oklahoma Stormwater	\$600,000	\$0	6957508	5.6	This project involves the replacement of failing existing culvert pipe with a new box culvert under Oklahoma Street to improve stormwater drainage.	24 - 36 months. The project is currently in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Scottsmoor C Stormwater	\$1,207,000	\$1,044,539	6958101	5.6	This denitrification bioreactor will provide water quality treatment for a 525-acre drainage basin currently discharging untreated stormwater to the Indian River Lagoon. It is located in North Brevard on the north side of Wheeler Road, east of U.S. Highway 1.	24-36 Months. The contract has just been awarded, and work has begun.	County Procurement policies were followed, and Gregori Construction, Inc. was awarded the contract.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.
Scottsmoor 1 Stormwater	\$976,000	\$976,000	6964103	5.6	A denitrification bioreactor will provide water quality treatment for a 525-acre drainage basin currently discharging untreated stormwater to the Indian River Lagoon. The project is located in North Brevard on Aurantia Road, east of U.S. Highway 1.	24-36 Months. The contract has just been awarded, and work has begun.	County Procurement policies were followed, and Gregori Construction, Inc. was awarded the contract.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon in Brevard County.

Flounder Creek Pond D1 Stormwater	\$152,000	\$0	6964105	5.6	This consists of the design and installation of a denitrification bioreactor at the outfall of an existing stormwater pond. It addresses nutrient loading by using groundwater/ stormwater treatment technologies to intercept nutrient-laden waters prior to discharge in the Indian River Lagoon.	36-48 months. This project is in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon from the Flound Creek area in Brevard County.
Johns Road Pond Retrofit Stormwater	\$135,000	\$135,000	6964106	5.6	This consists of the design and installation of a denitrification bioreactor at the outfall of an existing stormwater pond. It addresses nutrient loading by using groundwater/ stormwater treatment technologies to intercept nutrient-laden waters prior to discharge in the Indian River Lagoon.	24-36 Months. The contract has just been awarded, and work has begun.	County Procurement policies were followed, and Gregori Construction, Inc. was awarded the contract.	This project will greatly reduce the impact of stormwater runoff into the Indian River Lagoon from Johns Road in Brevard County.
Johnson Jr High Pond Denitrification	\$70,000	\$0	6964401	5.6	The existing 2.8 acre retention pond was retrofitted to route low flows through three parallel chambers of denitrification and phosphorus sorption media. Modifications to this system will be made to ascertain the effect on the removal efficiency of the system.	36-48 months. This project is in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will reduce the stormwater runoff from the Johnson High School area that will enter the Indian River Lagoon.
Hoover and Ocean Park Stormwater	\$260,000	\$0	6964503	5.6	The Ocean Park Subdivision and the areas to the south have inadequate drainage and treatment, resulting in flooding despite the initial Indian River Lagoon Stormwater Improvement projects of 2006 and 2011. This project will increase the capacity of the stormwater system and reduce nutrients in stormwater discharging to the Indian River Lagoon. This increases flood protection for homes and critical public infrastructure.	36-48 months. This project is in the design phase.	County Procurement Policies will be followed. Once the contract is awarded, all Federal clauses and guidelines will be followed.	This project will greatly enhance the ability to collect and treat stormwater runoff in the Hoover and Ocean Park area, and reduce pollution runoff into the Indian River Lagoon.
Public Safety Revenue Replacement	\$8,479,003	\$460,643	12000	6.1	In order to provide for the health and safety to the community we serve, Brevard County is allocating approximately 85 million of revenue replacement funds to the Fire Rescue department to support the Countys public safety operations. These funds will be used to assist the department meet the needs of operations, including new and replacement equipment. These funds will be allocated towards critical priorities in the department to support to protection and service of the county residents. The current obligation amount of \$460,643 is being utilized by our FireRescue department to help fund a new ladder truck.	18-24 Months. The funds allocated to the Public Safety Department were used to help fund a ladder truck purchase to replace a non-functional unit. The truck is currently in production, but these units have a 1-2 year lead time.	County procurement policies were followed, and Sutphen was the vendor chosen.	Maintain the level of service that is required of the Fire Rescue units of Brevard County.