



Recovery Plan

State and Local Fiscal Recovery Funds

2021 Report





2021 Recovery Plan

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GENERAL OVERVIEW

Executive Summary

The American Rescue Plan Act of 2021 authorized more than \$1.9 trillion of economic stimulus to combat the COVID-19 pandemic, including the public health and economic impacts. Through the State and Local Fiscal Recovery Fund the legislation included \$65.1 billion in direct, flexible aid to every county in America. These direct funds may be used to support public health response, address negative economic impacts, replace public sector revenue loss, premium pay for essential workers, and necessary investment in water, sewer, or broadband infrastructure.

As part of the \$65.1 billion St. Lucie County received \$63,767,844 and intends to allocate the money as follows:

Description	Amount
COVID-19 Expenditures	\$7,347,108
COVID-19 Set Aside	\$3,464,137
St. Lucie County Jail Medical Wing Expansion Study	\$200,000
Utility Water and Wastewater Infrastructure	\$34,200,000
Stormwater Infrastructure	\$17,848,067
Compliance Reporting Administration Review and Administrative	\$708,532
TOTAL	\$63,767,844

St. Lucie County is included as part of the \$4.171 billion allocated to Florida's 67 counties. The St. Lucie County American Rescue Plan – State and Local Fiscal Recovery Fund Plan (Plan) identifies projects within U.S. Treasury eligible categories approved by the Board of County Commissioners (BOCC) in August 2021. The BOCC directed the County Administration to develop a Plan that outlines the intended delivery of projects throughout St. Lucie County. On June 1, 2021, St. Lucie County received its 50% allocation, or \$31,883,922. The County is eligible to receive the remaining 50%, or \$31,883,922 on June 1, 2022

This Plan outlines the allowable projects, services, and the representative assistance to be provided. The Plan is based on eligible expenditures as defined by the U.S. Treasury. The Plan takes into consideration the eligible period and the use of funds as defined by the U.S. Treasury.

Uses of Funds

Public Health (EC 1)

- **1.1 COVID-19 Vaccination** – In partnership with the St. Lucie County Department of Health, St. Lucie County supported COVID-19 vaccine Point of Dispensing (POD) events known as vaccination clinics throughout the county to prevent the occurrence of, spread, and mortality caused by COVID-19 in underserved communities.

- **1.4 Prevention in Congregate Settings** – The operational preparedness, prevention, and management of COVID-19 in the St. Lucie County correctional facility presented significant challenges. The County intends to conduct a medical wing needs study that will evaluate the potential expansion of the correctional facility's medical unit.
- **1.8 Other COVID Related Expenses** – The development and implementation of a public outreach and communications initiative. Responding to an urgent need, St. Lucie County's Communications Division championed public outreach and communications.
- **1.9 Payroll Costs Public Health Staff Responding to COVID-19** – St. Lucie County staff have played an integral role in preventing, mitigating, and responding to the health, social, and economic impacts of COVID-19.
- **1.12 Other Public Health Services** – St. Lucie County recognizes the benefit of community partnerships in reaching underserved populations. The County is providing aide through several local agencies that include the Treasure Coast Homeless Services Council, the Cultural Alliance, and the St. Lucie County Department of Health. This allows the County to leverage its partnerships and funds with trusted and experienced organizations directly benefitting people in need.

Negative Economic Impacts (EC 2)

- **2.2 Household Assistance: Rent, Mortgage, and Utility Aid** – In advance of SLFRF, St. Lucie County utilized general funds to provide mortgage and utility assistance to households. The program was open to all residents from the unincorporated County and both cities. The County intends to move these allowable expenses to our SLFRF allocation.

St. Lucie County has also received Emergency Rental Assistance funding from the US Treasury and intends to continue assisting tenants in our community that may need addition help to remain in their homes as our community recovers from the pandemic.

- **2.9 Small Business Economic Assistance (General)** – In advance of SLFRF, St. Lucie County established a Small Business Assistance Program and utilized general funds to provide to local small businesses in need of economic support to recover from the pandemic. The County intends to move these allowable expenses to our SLFRF allocation.
- **2.12 Aid to Other Impacted Industries** – St. Lucie County recognized the challenge that our solid waste provider faced due to significant increase in residential collection costs during COVID19. The County provided financial aid to WastePro to help offset the increased cost of maintaining essential services while adhering to COVID protocols to protect their employees and maintain the health their diverse workforce. The County utilized general funds and intends to move this allowable expense to our SLFRF allocation.

Water, sewer, and broadband infrastructure (EC 5)

- St. Lucie County has begun preparation for environmental impacts associated with climate change and sea level rise. Located along Florida's east coast, with direct access to the Atlantic Ocean from the Fort Pierce Inlet, St. Lucie County will directly experience changes as water levels continue to rise as predicted. Therefore, the County has deemed resiliency preparation as a priority for our residents over the next decade. The County is focusing on investing our SLFRF funding into the design and construction of Water and Wastewater Utility Systems and Stormwater Infrastructure Projects.

The Unincorporated County is comprised largely of residential septic drain fields and well water systems and the St. Lucie County Utilities Department endeavors to convert many homes from septic and well to centralized sewer systems and municipal water supplies. In addition to the septic to sewer and municipal water conversions, we intend to build additional stormwater infrastructure to increase capacity and aid in the removal of nutrients that adversely affect our major waterways. St. Lucie County is acutely aware of the importance the Indian River Lagoon and the North Fork of the St. Lucie River have on the lively hood of our entire community, including the City of Fort Pierce and the City of Port St. Lucie.

The County has a long history and large diverse community of subsistent fisherman and commercial fisherman that use these water bodies as sources of food and income for their families. These same waterways also serve as economic drivers for our recreation and tourism industries and are key components to the overall health and wellbeing of our community. The Indian River Lagoon is home to more than 4,000 species of plants and animals and is one of the most diverse estuaries in North America. The St. Lucie River supports a variety of federal and state-protected species like American alligators, manatees, nesting wood storks and little blue herons and is an important habitat for the juvenile phases of commercially important species such as blue crabs, snook, snapper, and shrimp.

St. Lucie County's diverse population utilizes our local waters to work, play, and support their families, therefore it is imperative that we invest in our infrastructure to improve the resilience of our community and its resources.

Additional American Rescue Plan Allocations

- Port of Fort Pierce will receive funds through the Florida Seaport Transportation and Economic Development Council.
- St. Lucie County Community Services
 - Housing Division has received a direct allocation from the U.S. Treasury for Emergency Rental Assistance 2
 - Transit will receive funds through the Federal Transit Administration

Promoting equitable outcomes

St. Lucie County is focused on upward mobility for our community. We are members of the Urban Institute Upward Mobility Cohort and have a Diversity, Equity and Inclusion Committee that focuses on recognizing and celebrating the diverse nature of our organization and community.

With assistance from the Urban Institute, we are actively working to identify gaps and overlaps in the social services we provide to our citizens.

The County has added a Community & Business Engagement Coordinator position to our ranks. This person serves as an engagement liaison and takes an active role in outreach of a wide spectrum of topics and information. They meet with residents and business members encouraging collaboration as partners with local government for positive outcomes to challenging community issues. They work to understand our citizens needs and desires to develop strategies to create and enhance a diverse local community.

The St. Lucie County Communications Division work diligently to provide media access to our entire community. During the pandemic the County provided weekly televised updates where Spanish and Creole translators were included for our LEP and featured a certified American Sign Interpreter. Communications Division concentrates on providing web content that is compliant with Americans with Disabilities Act (ADA). We strive to provide accessibility to the disabled in our community, so they may navigate our online content more easily.

St. Lucie County Tourism is an area of equitable improvement where the County is promoting additional material and videos to show our community diversity and encourage visitors to the Jewel of the Treasure Coast - featuring the historic City of Fort Pierce, the sprawling City of Port St. Lucie and the beautiful, tranquil beaches of Hutchinson Island. The goal is to improve the overall economic condition of our entire community through activities, special events, marketing and expanding tourism within all sectors of St. Lucie County as a year-round destination.

In addition to community outreach, St. Lucie County feels it is important to start at home by providing information and training opportunities to County staff, elected officials, and advisors that improve their understanding of different cultures and protected classes, such as traditions, dress, gestures, and religions. The County looks to improve leadership skills across the organization to build diversity in our applicant pool in all areas of our employment structure.

The County's goal is to build positive systemic change that will benefit our residents for the long-term by building a broad and open-minded community that encourages diversity and inclusion.

- a. Goals: St. Lucie County recognizes the need to focus on the underserved and adversely affected within our community. We will continue to partner with local and national organizations that provide guidance and training to recognize our areas of weakness and improve our policies to be more inclusive and equitable. St. Lucie County Community & Business Engagement Coordinator will provide the community with a voice in the process to assure we are meeting the needs of the underserved groups in our community and strive for equitable outcomes for all our citizens.
- b. Awareness: St. Lucie County will continue to identify additional groups of underserved and adversely affected citizens within our County. Once identified the County will partner with more local community organizations and provide SLFRF funded service notifications.
- c. Access and Distribution: Program evaluation is being conducted.
- d. Outcomes: Program evaluation is being conducted.

Community Engagement

Program evaluation is being conducted.

Labor Practices

St. Lucie County's follows CFR 200 for the procurement of all federally funded design and construction projects. Projects are advertised to a fair and open market without limitations to geographic location or other limiting language. The County awards design projects to the most qualified firms through a short list and presentation format. Construction projects are awarded to the responsible responsive low bid firm. The County will make efforts to notify Disadvantage Business Enterprise (DBE), Minority Business Enterprise (MBE), and Women's Business Enterprises (WBE) to apply for infrastructure projects funded by SLFRF.

Use of Evidence

Program evaluation is being conducted.

Table of Expenses by Expenditure Category

St. Lucie County had no SLFRF expenditures between March 3, 2021 and July 31, 2021.

Category		Cumulative expenditures to date (\$)	Amount spent since last Recovery Plan
1	Expenditure Category: Public Health	\$0	\$0
2	Expenditure Category: Negative Economic Impacts	\$0	\$0
3	Expenditure Category: Services to Disproportionately Impacted Communities	\$0	\$0
4	Expenditure Category: Premium Pay	\$0	\$0
5	Expenditure Category: Infrastructure	\$0	\$0
6	Expenditure Category: Revenue Replacement	\$0	\$0
7	Administrative and Other	\$0	\$0

Project Inventory

ST. LUCIE COUNTY, FLORIDA AMERICAN RESCUE PLAN – SLFRF PROJECT INVENTORY	
Category 1 – Public Health	
Project ID (To be Determined):	Vaccination Clinics
Funding Amount: [Insert \$\$\$]	

ARP Expenditure Category: 1.1 COVID-19 Vaccination

Web Link: TBD

Project Overview:

In partnership with the St. Lucie County Department of Health, St. Lucie County supported COVID-19 vaccine Point of Dispensing (POD) events known as vaccination clinics throughout the county to prevent the occurrence of, spread, and mortality caused by COVID-19 in underserved communities. Event dependent, the County was responsible for the command, intergovernmental affairs, safety, communications, operations, planning and logistics.

Use of Evidence (required)

Program evaluation is being conducted.

Project ID (To be Determined):	Jail Medical Wing Expansion Study
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Funding Amount: \$200,000

ARP Expenditure Category: 1.4 Prevention in Congregate Settings

Web Link: TBD

Project Overview:

Conduct a study, preliminary design, and probable cost to determine the need for an expansion to the inmate medical facility at the St. Lucie County Correctional Facility at Rock Road. The operational preparedness, prevention, and management of COVID-19 in the St. Lucie County correctional facility presented significant challenges. St. Lucie County Sheriff's Office instituted prevention measures like good hygiene practices, increased cleaning and disinfecting, and social distancing. Once the virus was introduced into the facility, the St. Lucie County Sheriff's Office had to clinically manage persons with confirmed or suspected COVID-19 inside the facility while simultaneously preventing further virus transmission. This included medical isolation and care, limited or restricted movement in and out of the facility, and increased social distancing. While the correctional facility has an onsite medical unit, the need far exceeded current capacity as there was not sufficient space to implement effective medical isolation. As a result, persons had to be transferred offsite. This increased potential exposure risks and added patients to an already stressed local hospital system.

- The study will determine what programs, enhancements, or expansions could be created to mitigate the spread of infectious disease. Some considerations will be the following: creation of space necessary to maintain the required separation during pandemic events, alternate care programs designed to keep specialty care in-house as to not overload the community health care facilities, and a new improved ventilation system in the expanded area that considers pandemic response. A successful study would reveal how to properly care for the inmate population on site without the need for burdening the community health care system.

Use of Evidence (required)

Program evaluation is being conducted.

**Project ID
(To be Determined): Pandemic Communications**

Funding Amount: [Insert \$\$\$]

ARP Expenditure Category: 1.8 Other COVID Related Expenses

Web Link: TBD

Project Overview:

The development and implementation of a public outreach and communications initiative. Responding to an urgent need, St. Lucie County's Communications Division championed public outreach and communications.

- The development and implementation of a public outreach and communications initiative. Responding to an urgent need, St. Lucie County's Communications Division championed public outreach and communications. The St. Lucie County Department of Health, a division of the Florida Department of Health, did not have a full-time Public Information Officer. In March of 2021, there was no state or federal communications plan. St. Lucie County staff developed a public outreach and communications initiative. This initiative included:
 - Weekly video broadcasts of COVID-19 updates with the County's Public Safety Division, St. Lucie County School District, and health officials. These videos were televised on SLCTV (Comcast 28 / U-verse 99) and streamed live to Facebook.
 - To meet the needs of Limited English Persons (LEP), Spanish and Haitian Creole translators provided translations of the messaging immediately following the English version. Additionally, a certified American Sign Interpreter signed the broadcast.
 - The creation of a stand-alone website (www.recoverstlucie.org) focused on pandemic resources including COVID-19 testing sites, vaccine locations, and economic relief assistance including grants for small businesses, renters, and homeowners.
 - A Vaccine Myth Busters Town Hall with local doctors and hospital officials.
 - Press releases on COVID-19 testing and vaccination sites.
 - Meetings with community groups and churches to extend outreach to underserved populations, including community-based vaccine clinics.
 - Frequent and accurate content on the County's social media channels (Nextdoor, Facebook, Twitter, Instagram, and YouTube).
 - The creation of an online application process to accept applications for small business assistance and rental assistance programs.
 - Production of a dozen video Public Service Announcements (PSAs) with local community leaders and health officials.
 - Print, radio, billboard, and television advertising and outreach.
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Use of Evidence (required)

Program evaluation is being conducted.

Project ID (To be Determined):	Public Health Staffing
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Funding Amount: [Insert \$\$\$]

ARP Expenditure Category: 1.9 Payroll Costs Public Health Staff Responding to COVID-19

Web Link: TBD

Project Overview:

St. Lucie County staff have played an integral role in preventing, mitigating, and responding to the health, social, and economic impacts of COVID-19.

Use of Evidence (required)

Program evaluation is being conducted.

Project ID (To be Determined):	Pandemic Communications
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Funding Amount: [Insert \$\$\$]

ARP Expenditure Category: 1.1
2 Other Public Health Services

Web Link: TBD

Project Overview:

During the pandemic the County supplied additional funds to agency partners essential to addressing unmet needs in our community. We aid our vulnerable population through several local agencies that include the Treasure Coast Homeless Services Council, the Cultural Alliance, and the St. Lucie Health Department.

Use of Evidence (required)

Program evaluation is being conducted.

Category 2 – Negative Economic Impacts

Project ID (To be Determined):	Mortgage & Utility Assistance Program
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Funding Amount: [Insert \$\$\$]

ARP Expenditure Category: 2.2 Household Assistance

Web Link: TBD

Project Overview:

St. Lucie County established a mortgage and utility assistance program for struggling households. The program was open to all residents from the unincorporated County and both cities.

Use of Evidence (required)

Program evaluation is being conducted.

Project ID (To be Determined):	Small Business Assistance Program
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Funding Amount: [Insert \$\$\$]

ARP Expenditure Category: 2.9 Small Business Economic Assistance (General)

Web Link: TBD

Project Overview:

St. Lucie County established a Small Business Assistance Program to support local business in need of economic support to recover from the pandemic.

Use of Evidence (required)

Program evaluation is being conducted.

Project ID (To be Determined):	Solid Waste Collection Support
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Funding Amount: [Insert \$\$\$]

ARP Expenditure Category: 2.9 Aid to Other Impacted Industries

Web Link: TBD

Project Overview:

St. Lucie County provided financial support to our local solid waste company to help offset the increased cost of maintaining essential services while adhering to COVID protocols to protect their employees and maintain the health their diverse workforce that is essential to the health and resiliency of our community.

Use of Evidence (required)

Program evaluation is being conducted.

Category 5 – Infrastructure

Project ID (To be Determined):	North Hutchinson Island (NHI) Septic to Sewer
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Funding Amount: \$1,000,000

ARP Expenditure Category: 5.2 Clean Water: Centralized Wastewater Collection & Conveyance

Web Link: TBD

Project Overview:

Project consists of constructing a wastewater collection system on North Hutchinson Island. The system will connect approximately five hundred thirty-two homes to central sewer and take legacy septic tanks and drain fields out of service. The neighborhoods included are Queens Cove, Fort Pierce Shores, Coastal Cove Unit I, and Coral Cove. North Hutchinson Island is bordered to the west by the Indian River Lagoon and eliminating these significant number of

septic tanks from the barrier island provides an environmentally responsible solution to reduce the nutrient load in our outstanding Florida waterway.

The County will contribute 7% of the project cost and the homeowners will fund the balance through the County's Municipal Service Benefit Unit (MSBU) with a total estimated project cost of \$15,000,000.

Sea level in combination with king tide events have caused increased flooding and septic tank seepage, resulting in mobilization of fecal coliform bacteria, nutrients, and other contaminants. Enhancing the current sewer system through additional force mains and repump stations will increase Public Utility's capacity in managing wastewater in additional areas throughout the County. Expanding sewer lines and converting septic systems to centralized sewer will ameliorate immediate issues of contamination of waterways and enhance human and environmental resiliency in both coastal and inland portions of the County.

Project ID (To be Determined):	Midway Road Corridor Force Main and Repump Station – Fairgrounds to Okeechobee
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Funding Amount: \$3,600,000

ARP Expenditure Category: 5.2 Clean Water: Centralized Wastewater Collection & Conveyance

Web Link: TBD

Project Overview:

The project consists of design, permitting and construction of approximately 38,000 lineal feet of 6" force main to connect Midway Road and the St. Lucie County Fairgrounds to the Okeechobee Road force main. Completion of this project will reduce the reliance of onsite septic tanks and drain fields for the treatment of wastewater along the Midway Road corridor.

Sea level in combination with king tide events have caused increased flooding and septic tank seepage, resulting in mobilization of fecal coliform bacteria, nutrients, and other contaminants. Enhancing the current sewer system through additional force mains and repump stations will increase Public Utility's capacity in managing wastewater in additional areas throughout the County. Expanding sewer lines and converting septic systems to centralized sewer will ameliorate immediate issues of contamination of waterways and enhance human and environmental resiliency in both coastal and inland portions of the County.

Project ID (To be Determined):	Midway Road Corridor Force Main and Repump Station – Proposed Wave Park to Okeechobee
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Funding Amount: \$1,100,000

ARP Expenditure Category: 5.2 Clean Water: Centralized Wastewater Collection & Conveyance

Web Link: TBD

Project Overview:

The project consists of design, permitting and construction of approximately 16,000 lineal feet of 6" force main to connect Midway Road and the proposed Wave Park project to the Okeechobee Road force main.

It also includes design, permitting and construction of a regional wastewater repump station at the St. Lucie County Landfill and provide the required velocity of the waste stream to prevent settling of solids. Completion of this project will reduce the reliance of onsite septic tanks and drain fields for the treatment of wastewater along the Midway Road corridor.

Sea level in combination with king tide events have caused increased flooding and septic tank seepage, resulting in mobilization of fecal coliform bacteria, nutrients, and other contaminants. Enhancing the current sewer system through additional force mains and repump stations will increase Public Utility's capacity in managing wastewater in additional areas throughout the County. Expanding sewer lines and converting septic systems to centralized sewer will ameliorate immediate issues of contamination of waterways and enhance human and environmental resiliency in both coastal and inland portions of the County.

Project ID (To be Determined):	North County Regional Deep Injection Well
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Funding Amount: \$8,000,000

ARP Expenditure Category: 5.5 Clean Water: Other Sewer Infrastructure

Web Link: TBD

Project Overview:

The project consists of design, permitting and construction of a deep injection well at the Taylor Dairy Road North County Regional Water and Wastewater Treatment site. This could be a stand-alone project or part of the plant(s) design.

The deep injection well would be used for demineralized concentrate and non-spec effluent disposal only when necessary.

Sea level in combination with king tide events have caused increased flooding and septic tank seepage, resulting in mobilization of fecal coliform bacteria, nutrients, and other contaminants. Enhancing the current sewer system through additional force mains and repump stations will increase Public Utility's capacity in managing wastewater in additional areas throughout the County. Expanding sewer lines and converting septic systems to centralized sewer will ameliorate immediate issues of contamination of waterways and enhance human and environmental resiliency in both coastal and inland portions of the County.

Project ID (To be Determined):	Ancient Oak Preserve Wet Pond
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Funding Amount: \$1,000,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

The County owns a 1.7-acre parcel along Oleander Avenue in the Ancient Oak Preserve/Weldon B. Lewis Park. The southwest corner of the property is reserved to add stormwater treatment in the area, as the existing ditches do not have any treatment prior to entering the North Fork of the St. Lucie River. A retention pond has been identified to provide

stormwater runoff treatment. For the purposes of this assessment, a wet pond with a 14-day residence time was used.

The project will include design, permitting and construction of the pond that will meet County requirements for littoral zones and upland buffer planting.

As temperatures increase and storms in South Florida continue to grow in size, the need for capacity to hold larger levels of stormwater runoff has become a major need. This project address this need for increased capacity as it will hold and treat large amounts of stormwater before entering the Ten Mile Creek system.

Project ID (To be Determined):	Baffle Box Program - River Park
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Funding Amount: \$835,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

Located west of and along the North Fork of the St. Lucie River, River Park is an existing single-family subdivision on aging septic systems. This area has shallow swales that convey stormwater directly into tidal waters of the Ten Mile Creek System with little to no pre-treatment. The project consists of completing survey, design, permitting and construction of a second-generation baffle boxes.

As temperatures continue to increase and sea levels continue to rise, there is a need in St. Lucie County to prepare resilient projects in preparation of these future changes. One major concern is the increase of direct runoff into our natural conveyance system and the influence this will have on nutrient levels. This project will help alleviate the influence of direct runoff by improving stormwater infrastructure and catching contaminants before they reach the system.

Project ID (To be Determined):	Harmony Heights-Phase 3
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Funding Amount: \$3,606,363

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

The goal of the project is to construct dry detention ponds and associated swales in the Harmony Heights subdivision, a 228-acre basin. Due to the age of the area, the subdivision currently lacks an overall stormwater management system. The project will provide water quality benefits by intercepting and treating unregulated stormwater runoff. This is a continuation of a project which will have Phase 2 completed in June 2021.

The project consists of completing survey, design, permitting and construction of system to reduce nutrients from this subdivision. As temperatures continue to increase and sea levels rise, there is a need to improve drainage infrastructure systems to help eliminate flooding in St. Lucie's older neighborhoods. This project will increase drainage capacity and improve water

quality in the Harmony Heights neighborhood via the construction of detention ponds and new and improved swales and driveway culverts.

Project ID (To be Determined):	Hog Pen Slough Stormwater Treatment Area
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Funding Amount: \$1,000,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

The project seeks to design and construct a stormwater treatment area (STA) to capture and treat flows out of Hog Pen Slough prior to discharge to the North Fork. Flows out of Hog Pen have been found to contain high levels of nitrogen and fecal coliform. This regional facility would be a partnership between the City of Port St. Lucie and St. Lucie County. The City owns an 11-acre parcel and the County would participate in funding towards design and construction of the project.

As sea levels continue to rise, the need to convey clean, treated, runoff to St. Lucie County's conveyance system will take on greater importance. Hog Pen Slough is one of our most important eastern drainage ditches and delivers water from the southeastern part of the County to the St. Lucie River. However, this runoff is presently untreated, and has shown to contain high levels of contaminate. This project will help reduce nutrients from Hog Pen Slough waters before they reach the St. Lucie system.

Project ID (To be Determined):	Indrio Savannahs Wet Pond
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Funding Amount: \$1,500,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

Indrio Savannahs is a preserve that contains a natural flow-way that connects the northernmost lands in St. Lucie County to Taylor Creek. An existing lake is currently bypassed and could be connected and augmented with BMPs to provide nutrient reductions. This project includes design, permitting and construction of a treatment pond that could include gabion walls strategically placed to increase the tortuosity (length of the flow path) to promote additional nutrient removal.

The northeastern section of St. Lucie County has some of the oldest and poorest drainage infrastructure in the County. This is a very large drainage basin that flows directly from mobile home parks and industrial areas to Taylor Creek and then directly to the Indian River Lagoon. As temperatures and storms continue to increase this direct runoff will also continue to increase and have detrimental effects on our natural systems. This project will help reduce nutrient loading and increase stormwater capacity.

Project ID (To be Determined):	Indian River Estates-Phase III
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Funding Amount: \$3,616,704

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

This project seeks to construct Phase 3 of Indian River Estates Project. The phase will build on the improvements initiated under previous phases by evaluating the drainage along Easy Street and providing recommendations to reduce road flooding during heavy rain events. Also, addressing the interaction of flow between Indian River Estates and the Savannas and evaluating options to reduce / prevent backflow from the Savannas. To address these main elements, a preliminary engineering analysis is to be completed that will evaluate different alternatives to improve the flood level of service.

Indian River Estates sits adjacent to one of St. Lucie County's largest wetland systems, the Savannas. As sea levels continue to rise resiliency will become an extremely important term for those living in this community. There is a need to improve drainage in this area as it already floods heavily during tropical events. This project will look to address the drainage infrastructure in Indian River Estates in preparation of future sea level rise.

Project ID (To be Determined):	Melville Road Stormwater Improvement-Phase 2
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Funding Amount: \$1,500,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

The project includes drainage from a 175-acre residential neighborhood on aging septic systems that is in the historic area of White City. The project consists of design, permitting and construction of the second phase of the Melville Project. The 8.8-acre parcel will be used to construct a large stormwater treatment pond with native plantings and passive recreation.

White City is one the poorest draining neighborhoods in St. Lucie County. Built on low elevations, the area also sits adjacent to the tidally influenced Ten Mile Creek and is susceptible to flooding when the Creek rises. These issues are only expected to exacerbate as temperatures increase and sea levels continue to rise. This project looks to address these issues as a large stormwater retention area will be constructed.

Project ID (To be Determined):	Stormwater Master Plan
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Funding Amount: \$2,500,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

The last County-wide plan was developed in the 1990's. Such a document allows for a better understanding of overall County infrastructure, a better understanding of how the County drains, and a stronger knowledge of historical County efforts. The plan would include a current inventory and census of all County surface water infrastructure, a digital elevation model with up-to-date topographic data, and a hydraulic and hydrographic (H&H).

Located along Florida's east coast, St. Lucie County has begun preparation to begin to address sea level rise and County resiliency. A resiliency team has been hired and major grant-based work has begun. The key element to preparing for County climate change is the development of an updated stormwater plan that will address future environmental change and modern County drainage patterns. This project is of the utmost importance for future County resilience.

Project ID (To be Determined):	Sunland Gardens Retrofit
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Funding Amount: \$500,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

Sunland Gardens is a 425-acre single family residential community. Developed and built decades ago the community predates stormwater regulations and has homes that are low lying and poorly draining roads. The area needs an overall drainage improvement. This project would include performing a survey, developing an overall drainage master plan for the Sunland Gardens Community and to identify basin limits to work towards a multi-phased restoration plan.

Sunland Gardens is one of North County's oldest neighborhoods and was built before stormwater infrastructure was required. Located adjacent to Taylor Creek, the community is prone to flooding and this problem will continue to increase as temperatures and water levels rise. This project will address the need to prepare Sunland Gardens for future floods and improve its overall resiliency towards sea level rise by preparing an overall drainage master plan for future community improvements.

Project ID (To be Determined):	Ten Mile Creek Oxbow Restoration at George LeStrange Preserve
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Funding Amount: \$1,790,000

ARP Expenditure Category: 5.6 Clean Water: Stormwater

Web Link: TBD

Project Overview:

Ten Mile Creek is a natural system that drains nearly 90 square miles of the County. The Creek will receive discharge from the Indian River Lagoon-South CERP projects. Ten Mile Creek is sorely in need of maintenance to allow for the proper conveyance of water to protect from flood peril. Project will include dredge and removal of muck, spoil, and accumulated vegetation from the project area, effectively restoring +/- 2,000 linear feet of Ten Mile Creek within the George

Lestrangle Preserve. An historic oxbow will also be restored, thus allowing for greater conveyance and water quality improvements.

Ten Mile Creek is a natural system that conveys much of the County's water east to the Atlantic Ocean. After years of no maintenance the Creek can no longer convey the amount of water needed during storm events to keep residents from flooding. With sea level rise as a concern, the County is making major efforts to improve Creek flow in preparation on increased capacity needs. This project will address future capacity by restoring an historic oxbow.

Project ID (To be Determined):	Indrio Road Water Main Completion
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Funding Amount: \$1,150,000

ARP Expenditure Category: 5.11 Drinking Water: Transmission Distribution

Web Link: TBD

Project Overview:

This project consists of revising the existing design and permitting of 9,000 lineal feet of 12" water main along Indrio Road from Taylor Dairy Road west to Emerson Avenue. After design completion the County will construct this portion of the water distribution system to provide reliable service to the western portion of the corridor.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	Lakewood Park Potable Water Initiative
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Funding Amount: \$2,000,000

ARP Expenditure Category: 5.11 Drinking Water: Transmission Distribution

Web Link: TBD

Project Overview:

The project consists of completing survey, design, permitting and construction of a water distribution system throughout the Lakewood Park Subdivision. This project will provide the residents of the Lakewood Park Community a potable water source provided through St Lucie County Utilities. The water provided is considered an alternative water source withdrawn from the Upper Floridan aquifer. Connecting to the safe potable water source will still allow customers use of their existing wells for irrigation purposes

The County will contribute 10% of the project cost and the residents will fund the balance through the County's Municipal Services Benefit Unit (MSBU) with a total estimated project cost of \$20,000,000.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	Indrio Road Water Main Completion
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Funding Amount: \$1,150,000

ARP Expenditure Category: 5.11 Drinking Water: Transmission Distribution

Web Link: TBD

Project Overview:

This project consists of revising the existing design and permitting of 9,000 lineal feet of 12" water main along Indrio Road from Taylor Dairy Road west to Emerson Avenue. After design completion the County will construct this portion of the water distribution system to provide reliable service to the western portion of the corridor.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	Midway Road and Okeechobee Road Corridors Water Main Loop
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Funding Amount: \$5,350,000

ARP Expenditure Category: 5.11 Drinking Water: Transmission Distribution

Web Link: TBD

Project Overview:

This project consists of several phases to complete the water main loop for this corridor:

- Design, permitting and construction of approximately 28,000 lineal feet of 12" water main at various locations along the existing system to complete a loop for water distribution.
- Revise existing design and permitting, then construction of a 1-million-gallon ground storage tank and high service pump station located at the St. Lucie County Fairgrounds.
- Design, permitting and construction of a chloramines booster station at the SLC Fairgrounds. Completion of this project will reduce the amount of flushing required to maintain optimal water quality along corridor while also providing fire flow protection in the area.
- Design, permitting and construction of a 2nd bulk water interconnect with the Fort Pierce Utility Authority location to be determined.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	North to South Service Area Connection – Part 1 (16” Main)
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Funding Amount: \$5,600,000

ARP Expenditure Category: 5.11 Drinking Water: Transmission Distribution

Web Link: TBD

Project Overview:

Project consists of completing survey, design, permitting and construction of 50,000 lineal feet of 16” water main to connect the North and Central County service areas starting at the existing 16” water main on Indrio Road at Johnston Road and terminating at the existing 10” water main on Okeechobee Road at Eleven Mile Road. Estimated cost \$5,050,000.

Additional design, permitting and construct of two water repump stations to ensure adequate pressure and flow between the North and Central County service areas. Estimated cost \$450,000.

Land acquisition of right-of-way or easements for water main installation. Estimated cost \$100,000

Cost of entire project, including water main, 2 repump stations, and land acquisition, is estimated at \$5,600,000.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	North to South Service Area Connection – Part 2 (12” Main)
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Funding Amount: \$5,100,000

ARP Expenditure Category: 5.11 Drinking Water: Transmission Distribution

Web Link: TBD

Project Overview:

Project consists of completing survey, design, permitting and construction of 50,000 lineal feet of 12” water main to connect the North and Central County service areas starting at the existing force main on Indrio Road at Johnston Road and terminating at the existing force main on Okeechobee Road at Eleven Mile Road. Estimated cost \$4,550,000.

Additional design, permitting and construct of one inline repump stations to ensure adequate pressure and flow between the North and Central County service areas. Estimated cost \$450,000.

Land acquisition of right-of-way or easements for water main installation. Estimated cost \$100,000

Cost of entire project, including water main, 2 repump stations, and land acquisition, is estimated at \$5,100,000.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	North U.S. Highway 1 Water Main Extension
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Funding Amount: \$300,000

ARP Expenditure Category: 5.11 Drinking Water: Transmission Distribution

Web Link: TBD

Project Overview:

The project consists of design, permitting and construction 3,200 lineal feet of 8" water main along the northern most section of the County's service area on U.S. Highway 1 from the Turnpike Feeder Road north to the County line. This project will make available municipal potable water service to properties currently on wells. The County has a goal to provide service to the underserved community of Cypress Bay Mobile Home Park.

In addition, this project will encourage economic growth along this portion of U.S. Highway 1 and bring job opportunities to the community.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	North County Regional Upper Floridan Aquifer Raw Water Supply Well
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Funding Amount: \$1,000,000

ARP Expenditure Category: 5.13 Drinking Water: Source

Web Link: TBD

Project Overview:

The project consists of design, permitting and construction of a second well and well head to access the upper Floridan aquifer as a raw water supply for the Taylor Dairy Road North County Regional Water and Wastewater Treatment site. This second well is required for redundancy of the water system. This could be a stand-alone project or part of the plant(s) design.

Groundwater and surface water are intimately linked and sensitive to potential changes in precipitation, temperature, and sea level rise. Saltwater intrusion is an especially significant potential threat to public wells, and for those who depend on private wells as their primary source for potable water. Providing a potable water source for these residents is a priority in the County's resilience planning efforts, supporting the health of citizens, the economy, and the environment.

Project ID (To be Determined):	Fiber Project
Funding Amount:	\$3,115,112
ARP Expenditure Category:	5.17 Broadband: Other Projects
Web Link:	TBD

Project Overview:

St. Lucie County (SLC) is vulnerable to extreme weather events. The existing aerial telecommunications infrastructure is exposed and susceptible to wind events and flying debris. The County is seeking to harden its antiquated communications system with buried fiber optic cables. This replacement will allow the SLC Emergency Operations Center, SLC Administration, the City of Port St. Lucie, and the City of Fort Pierce to communicate even when telecommunication carriers such as AT&T have lost their ability to operate. The hardening of the communication infrastructure is critical to regional coordination efforts during extreme weather events and pandemics.

Category 7 – Administrative and Other	
Project ID (To be Determined):	Grant Coordinator Position
Funding Amount:	\$643,532
ARP Expenditure Category:	7.1 Administrative Expense
Web Link:	TBD

Project Overview:

St. Lucie County intends to use the 10% administrative allowance from the American Rescue Plan – State and Local Fiscal Recovery Fund to manage the funding that is allocated to St. Lucie County. A full time Grant Coordinator position has been hired to ensure funding and project compliance according to the guidelines established by the U.S. Treasury.

Performance Report

Performance Indicators are being identified.