

Fiscal Year 2027

Cooperative Funding Initiative Applications

Southern Region



Project Name	Project Number	District Funding Requested
Regional Integrated Loop System Phase 2B Interconnect - Design-Build	Q355	\$36,150,000
Regional Integrated Loop System Phase 3C Interconnect - Design-Build	Q313	\$30,585,000
Peace River Regional Reservoir No. 3 (PR3) – Final Design, Permitting, and Construction	Q272	\$115,700,000
Manatee River Below Lake Manatee	Q442	\$685,000
Glen Creek Flood Mitigation	Q443	\$1,549,577
Sarasota Bay Watershed Management Plan Update	Q445	\$250,000
Overall Total		\$184,919,577

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

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Project Name: Regional Integrated Loop System Phase 2B Interconnect - Design-Build

Project Number: Q355

Cooperator: PRMRWSA

Contact Person: Mike Knowles, P.E.

Department: PRMRWSA

Address: 9415 Town Center Parkway

Phone #: 9413161176

City State Zip: Lakewood Ranch, FL 34202

Ext: 228

Email: mkowles@regionalwater.org

Project Type:

Water Supply

Strategic Initiatives:

Alternative Water Supply Strategic Initiative

Project Description/Benefit/Cost

Description:

The Regional Integrated Loop System Phase 2B Interconnect Design-Build Project (Project) consists of design, permitting and construction of approximately 13 miles of 42-inch diameter transmission main and when complete, will extend the Authority's regional pipeline system from the current terminus of the Phase 2 Interconnect at Serris Boulevard westward to Charlotte County's Gulf Cover Pump Station in western Charlotte County. The Project is part of the Authority's regional plan for a fully interconnected potable water transmission system. The Project will build upon the District co-funded March 2022 Phase 2B Feasibility and Routing Study (FRS), the preliminary design and third-party review effort completed in CY2023 (Project No. Q355), and final design and permitting completed thereafter. The Project is being delivered via Progressive Design-Build (PDB).

The project began construction on February 12, 2024, and is scheduled to be substantially complete by March 2026. The preferred route for the Project was identified in the FRS and was approved by the Authority Board in April 2022 along with an Interlocal Agreement between the Authority and Charlotte County. The design, permitting and construction for this Project will be completed through an Alternative Delivery Method. The Authority Board selected a contractor to provide Progressive Design-Build Services at its August 2022 meeting. On December 6, 2023, the Board approved the Revised Interlocal Agreement with Charlotte County to set the "Charlotte Cap" for contributions to the Phase 2B Pipeline at \$55,945,000 based upon the 60% Design Guaranteed Maximum Price (GMP). This regional interconnect is an Alternative Water Supply (AWS) identified in the District's RWSP and supports the SWUCA Recovery Strategy through regional conjunctive use of surface and groundwater sources based on management and rotation of supply resources.

Benefit:

The Project will ultimately result in the extension and interconnection of the current regional loop system and expanded use of AWS sources. The Project will support the accomplishment of the SWUCA Recovery Strategy through regional conjunctive use of surface and ground water sources based on management and rotation of supply sources. These benefits are consistent with the District's 2025-2029 Strategic Plan, Regional Priorities

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and Objectives for the Southern Region - SWUCA Recovery (page 19) which include “ensuring a sustainable water supply,” “assisting the Authority in the development of 21 MGD of AWS sources,” and “maximize public supply interconnects.”

Cost:

The costs identified within this CFI request are based upon the December 6, 2023, revised Interlocal Agreement between the Authority and Charlotte County, and the 60% GMP for the Project. The currently estimated total eligible cost for District reimbursement of final design, permitting and construction is \$87,440,000, with \$48,290,000 proposed to be provided by the Authority, \$36,150,000 proposed to be provided by the District, \$1,500,000 from the FDEP (AWS funds) and \$1,500,000 from Legislative Appropriation. A schedule of anticipated expenditures for the Project is provided in the Funding Table component of this CFI Application.

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

The Authority is a wholesale supplier of potable water to Charlotte, DeSoto, Manatee and Sarasota Counties, and the City of North Port, each of whom are retail suppliers for their respective public water systems. As reported on the District's Conservation Dashboard, all four customers that currently receive water from the Authority are identified in the District's 2020 Conservation All-Stars list. Consistent with the District's Strategic Plan Objective (2025-2029) to achieve and maintain a reduction in regional average unadjusted gross per capita of 79.7 gpcd by 2025, in recent years the Authority's Members and Customers have averaged an unadjusted gross per capita use rate was 76.2 gpcd, a value over 4% less than the District's Strategic Plan Objective 2025 per capita use objective. The Authority manages the District's RV Griffin Reserve under a Management and Operations Agreement which includes expenditure of Authority financial and staff resources associated with Reserve security, patrolling, and maintaining perimeter fencing, exotic/invasive vegetation and animal control, prescribed burning, road repairs and maintenance, and maintenance of equestrian and pedestrian trails. The Authority regularly evaluates water conservation/demand management opportunities in its Integrated Regional Water Supply Master Plans and did so again in its 2025 Plan, which was completed in June 2025. Consistent with the District's Strategic Plan Objective to achieve increased use of all wastewater flows by 2040, assist in the implementation of potable reuse, develop ASR options for potable and reclaimed water supply, and increase the percentage of total water use supplied by AWS sources, the Authority is also including an evaluation of reclaimed water supply feasibility in its 2025 IRWSP evaluation. The Authority also periodically hosts Regional Water Alliance meetings with elected officials and their staffs to discuss water conservation, demand management, and AWS opportunities, and cooperatively participates with Customer utilities and the District in public awareness and education programs regarding water conservation. Efforts include broadcast public service announcements, newspaper advertisements, inserts, and public presentations.

Funding Source	Prior Funding	FY2026	FY2027	Future Funding	Total Funding
Applicant Share	26,446,094	21,843,905	1	0	48,290,000
District Share	25,746,094	10,403,905	1	0	36,150,000
FDEP	1,500,000	0	0	0	1,500,000
Legislative Appropriation	0	1,500,000	0	0	1,500,000

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Total	53,692,188	33,747,810	2	0	87,440,000
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Matching Fund Reduction



Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Construction Initiated 2/12/2024

Substantial Completion of Construction 3/01/2026

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Project Name: Regional Integrated Loop System Phase 3C Interconnect - Design-Build

Project Number: Q313

Cooperator: PRMRWSA

Contact Person: Mike Knowles, P.E.

Department: PRMRWSA

Address: 9415 Town Center Parkway

Phone #: 9413161176

City State Zip: Lakewood Ranch, FL 34202

Ext: 228

Email: mkowles@regionalwater.org

Project Type:

Water Supply

Strategic Initiatives:

Strategic Initiative Alternative Water Supply

Project Description/Benefit/Cost

Description:

The Regional Integrated Loop System Phase 3C Interconnect and Pump Station Design-Build Project (Project) consists of design, permitting and construction of approximately 8-miles of 42-inch diameter transmission main and pumping and storage improvements to be completed at the Carlton Facility. When complete, this pipeline will extend the Authority's regional pipeline system from the current terminus of the Phase 3B Interconnect at Clark Road (SR-72) in central Sarasota County, northward to Fruitville Road. The Project is part of the Authority's regional plan for a fully interconnected potable water transmission system, will build upon the District co-funded March 2022 Phase 3C Feasibility and Routing Study (FRS), preliminary design and third-party review efforts completed in FY2023 (Project No. Q313), and final design and permitting completed thereafter. The Project is being delivered via Progressive Design-Build (PDB).

The project began construction in October 2023 and is scheduled to be substantially complete by March 2026 (the pipeline portion of the project was completed and operational in June 2025). The preferred route for the Project was identified in the FRS and was approved by the Authority Board in April 2022 along with an Interlocal Agreement between the Authority and Sarasota County. The Authority Board selected a contractor to provide Progressive Design-Build Services at its August 2022 meeting. A second amendment to the Interlocal Agreement between the Authority and Sarasota County for the Phase 3C Regional Interconnect occurred in June 2024. This regional interconnect is an Alternative Water Supply (AWS) identified in the District's RWSP and supports the SWUCA Recovery Strategy through regional conjunctive use of surface and ground water sources based on management and rotation of supply resources.

Benefit:

The Project will ultimately result in the extension and interconnection of the current regional loop system and expanded use of AWS sources. The Project will support the accomplishment of the SWUCA Recovery Strategy through conjunctive use of surface and ground water sources based on management and rotation of supply

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sources. These benefits are consistent with the District's 2025-2029 Strategic Plan, Regional Priorities and Objectives for the Southern Region - SWUCA Recovery (page 19) which include "ensuring a sustainable water supply," "assisting the Authority in the development of 21 MGD of AWS sources," and "maximize public interconnects."

Cost:

The costs identified within this CFI request are based upon the June 2024, second amendment to the Interlocal Agreement for the Phase 3C Project between the Authority and Sarasota County, and project final design. The currently estimated total eligible cost for District reimbursement of final design, permitting and construction is \$71,920,000. Consistent with current District CFI policy, no change in the amount of funding previously committed to by the District (\$26,550,000) is being requested. Of the currently estimated total eligible cost of \$71,920,000, a total of \$38,835,000 is proposed to be provided by the Authority, \$26,550,000 proposed to be provided by the District, \$2,500,000 from the FDEP and \$1,500,000 from Legislative Appropriation. A schedule of anticipated expenditures for the Project is provided in the Funding Table component of this CFI Application.

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

The Authority is a wholesale supplier of potable water to Charlotte, DeSoto, Manatee and Sarasota Counties, and the City of North Port, each of whom are retail suppliers for their respective public water systems. As reported on the District's Conservation Dashboard, all four customers that currently receive water from the Authority are identified in the District's 2020 Conservation All-Stars list. Consistent with the District's Strategic Plan Objective (2025-2029) to achieve and maintain a reduction in regional average unadjusted gross per capita of 79.7 gpcd by 2025, in recent years the Authority's Members and Customers have averaged an unadjusted gross per capita use rate was 76.2 gpcd, a value over 4% less than the District's Strategic Plan Objective 2025 per capita use objective. The Authority manages the District's RV Griffin Reserve under a Management and Operations Agreement which includes expenditure of Authority financial and staff resources associated with Reserve security, patrolling, and maintaining perimeter fencing, exotic/invasive vegetation and animal control, prescribed burning, road repairs and maintenance, and maintenance of equestrian and pedestrian trails. The Authority regularly evaluates water conservation/demand management opportunities in its Integrated Regional Water Supply Master Plans and did so again in its 2025 Plan, which was completed in June 2025. Consistent with the District's Strategic Plan Objective to achieve increased use of all wastewater flows by 2040, assist in the implementation of potable reuse, develop ASR options for potable and reclaimed water supply, and increase the percentage of total water use supplied by AWS sources, the Authority is also including an evaluation of reclaimed water supply feasibility in its 2025 IRWSP evaluation. The Authority also periodically hosts Regional Water Alliance meetings with elected officials and their staffs to discuss water conservation, demand management, and AWS opportunities, and cooperatively participates with Customer utilities and the District in public awareness and education programs regarding water conservation. Efforts include broadcast public service announcements, newspaper advertisements, inserts, and public presentations.

Funding Source	Prior Funding	FY2026	FY2027	Future Funding	Total Funding
Applicant Share	33,299,999	4,035,000	1	0	37,335,000
District Share	26,549,999	4,035,000	1	0	30,585,000

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FDEP	2,500,000	0	0	0	2,500,000
Legislative Appropriation	0	1,500,000	0	0	1,500,000
Total	62,349,998	9,570,000	2	0	71,920,000

Matching Fund Reduction



Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Construction Initiated 10/27/2023

Substantial Completion 3/01/2026

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Project Name: Peace River Regional Reservoir No. 3 (PR3) - Final Design, Permitting and Construction

Project Number: Q272

Cooperator: PRMRWSA

Contact Person: Mike Knowles, P.E.

Department: PRMRWSA

Address: 9415 Town Center Parkway

Phone #: 9413161176

City State Zip: Lakewood Ranch, FL 34202

Ext: 228

Email: mkowles@regionalwater.org

Project Type:

Water Supply

Strategic Initiatives:

Alternative Water Supply Strategic Initiative

Project Description/Benefit/Cost

Description:

The Peace River Regional Reservoir No. 3 (PR3) - Final Design, Permitting, and Construction Project (Project) consists of final design, permitting and construction of a new 9 billion-gallon (BG) off-stream raw water storage reservoir (PR3), a new river intake pump station, a new reservoir pump station, and new conveyance pipelines to convey water from the new pumping station to PR3 and from PR3 to the Peace River Water Treatment Facility (PRF). The Project is part of the Authority's regional plan for a fully interconnected potable water transmission system served by Alternative Water Supply (AWS) sources and will build upon the District co-funded December 2021 Feasibility & Siting Report, preliminary design and third-party review efforts completed in FY2023, and ongoing work efforts related to final design, permitting, and construction (Project No. Q272). At the request of Authority members, additional water supply capacity is scheduled to be online by 2028. The Project is supported by the Authority's WUP No. 20010420.012 which authorizes a maximum daily withdrawal from the Peace River of 258 MGD to enhance the capture and storage of excess flows during the wet season, and delivery of up to 80 MGD of Alternative Water Supply (AWS) to the region.

Benefit:

The Project will ultimately result in the expanded storage necessary to continue to meet regional demands with AWS sources. The Project will support the SWUCA Recovery Strategy through conjunctive use of surface and ground water sources based on management and rotation of supply sources. These benefits are consistent with the District's 2025-2029 Strategic Plan, Regional Priorities and Objectives for the Southern Region - SWUCA Recovery (page 19) which include "ensuring a sustainable water supply" and "assisting the Authority in the development of 21 MGD of AWS sources".

Cost:

The costs identified within this CFI request are based upon the 60% Design for the Project (Project No. Q272). It is anticipated that this cost estimate will continue to be further refined as final design progresses. The current estimated total cost for final design, permitting and construction is \$375,077,000 with \$259,377,000

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(inclusive of State/FDEP funding of \$34,800,000) proposed to be provided by the Authority (not including mitigation costs) and \$115,700,000 proposed to be provided by the District. A schedule of anticipated expenditures for the Project is provided in the Funding Table component of this CFI Application.

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

The Authority is a wholesale supplier of potable water to Charlotte, DeSoto, Manatee and Sarasota Counties, and the City of North Port, each of whom are retail suppliers for their respective public water systems. As reported on the District's Conservation Dashboard, all four customers that currently receive water from the Authority are identified in the District's 2020 Conservation All-Stars list. Consistent with the District's Strategic Plan Objective (2025-2029) to achieve and maintain a reduction in regional average unadjusted gross per capita of 79.7 gpcd by 2025, in recent years the Authority's Members and Customers have averaged an unadjusted gross per capita use rate was 76.2 gpcd, a value over 4% less than the District's Strategic Plan Objective 2025 per capita use objective. The Authority manages the District's RV Griffin Reserve under a Management and Operations Agreement which includes expenditure of Authority financial and staff resources associated with Reserve security, patrolling, and maintaining perimeter fencing, exotic/invasive vegetation and animal control, prescribed burning, road repairs and maintenance, and maintenance of equestrian and pedestrian trails. The Authority regularly evaluates water conservation/demand management opportunities in its Integrated Regional Water Supply Master Plans and did so again in its 2025 Plan, which was completed in June 2025. Consistent with the District's Strategic Plan Objective to achieve increased use of all wastewater flows by 2040, assist in the implementation of potable reuse, develop ASR options for potable and reclaimed water supply, and increase the percentage of total water use supplied by AWS sources, the Authority is also including an evaluation of reclaimed water supply feasibility in its 2025 IRWSP evaluation. The Authority also periodically hosts Regional Water Alliance meetings with elected officials and their staffs to discuss water conservation, demand management, and AWS opportunities, and cooperatively participates with Customer utilities and the District in public awareness and education programs regarding water conservation. Efforts include broadcast public service announcements, newspaper advertisements, inserts, and public presentations.

Funding Source	Prior Funding	FY2026	FY2027	Future Funding	Total Funding
Applicant Share	77,067,133	40,000,000	50,000,000	50,509,867	217,577,000
District Share	32,682,867	14,000,000	14,000,000	55,017,133	115,700,000
FDEP	24,800,000	0	0	0	24,800,000
Legislative Appropriation	10,000,000	7,000,000	0	0	17,000,000
Total	144,550,000	61,000,000	64,000,000	105,527,000	375,077,000

Matching Fund Reduction

Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Initiate Final Design and Construction 10/01/2023

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Complete Final Design and 6/01/2028
Construction

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Project Name: Manatee River Below Lake Manatee

Project Number: Q442

Cooperator: Manatee County

Contact Person: Kenneth Kohn, P.E., Sr. Project Engineer Public Works Department

Department: Manatee County

Address: 1022 26th Avenue East

Phone #: 9417087450

City State Zip: Bradenton, FL 34208

Ext: 7254

Email: kenneth.kohn@mymanatee.org

Project Type:

Flood Protection Water Quality

Strategic Initiatives:

Floodplain Management Water Quality Maintenance and Improvement

Project Description/Benefit/Cost

Description:

This project is to perform 1) Watershed Evaluation, and 2) Watershed Management Plan elements of the District's Watershed Management Program (WMP); 3) Alternatives Analysis for flood mitigation and Surface Water Resource Assessment for the South County Watershed. Watershed plan elements include: Development of a watershed model; Floodplain analysis; Alternatives Analysis; Water Quality analysis; Peer review of preliminary floodplain and water quality analysis results; Public Meeting; Board approval; Final floodplain, alternatives, and water quality improvement analysis results; and other related elements. The Manatee River Below Lake Manatee Watershed comprises roughly 30 square miles and is depicted on the attached Site Map and Watershed Map. The purpose of this study is to determine floodplain delineation resulting from a 100-year/24-hour storm frequency rainfall event, flood mitigation alternatives and for water quality improvement analysis. The Manatee River Below Lake Manatee Watershed consists primarily of mixed residential areas with commercial/industrial development and has existing flooding problems. Areas remain for both future residential and commercial/industrial development. Given the known flooding, and future development it is critical to establish updated flood stages to protect from adverse impacts from flooding as well as to propose flood mitigation alternatives and water quality assessment. South County Watershed sub-basins are already established as a flood prone areas under Land Development Code, Section 802.1 and the Stormwater Management Design Manual. The County has established a 25 year 24 hour flood plain from a 1998 CDM Engineering 25 year Flood Study of the watersheds (refer to attached 25 year Flood Study map) and sub-basin areas (Gamble Creek, Mill Creek, South County, North County Watersheds). The County also has significant historical watershed stormwater inventory from record drawings and related developments (reference attached map for stormwater inventory and ERP coverage areas). The flood mitigation alternatives analysis will provide cost/benefit options for reduction in flood stages in flood prone areas. County also will use this information to update FEMA FIRM Maps which for this area are 30 years old. This project completes a

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Surface Water Resource Assessment (SWRA) and BMP (Best Management Practices) Alternatives Analysis (referred to as a 'BA', collectively) for the project area. The principal product of this study will be guidance on pollutant load reduction strategies within the project watershed, including structural, non-structural or natural systems BMPs to improve water quality in this system creek and receiving waters. Guidance will include BMP cost effectiveness estimates, but in highly developed areas may preferentially focus on Low Impact Development (LID) retrofits. The project watershed is a tributary to Tampa Bay a SWIM priority waterbody. The project is compatible with WQ improvement objectives of the Tampa Bay SWIM plan. Results from the joint Estuary Program Tidal Creek Numeric Nutrient Criteria study linking water quality to natural systems should be included in project guidance. Work products should be compliant with the Tampa Bay Regional Resiliency Coalition guidance for community resiliency to climate change and sea level rise.

Benefit:

Watershed model and floodplain analysis and cost effective flood mitigation alternatives provide information that is critical to better identify risk of flood damage and cost effective flood mitigation alternatives as well as for planning and future development. Currently, flood analysis models are not available and are over 40 years old. This watershed includes regional or intermediate stormwater systems. Resource benefit includes analysis of flooding and water quality problems that exist in the watershed. The study also assists in obtaining lower ranking in the FEMA CRS which may lead to lower flood insurance premiums. The Watershed Management phase of this project will represent the findings of the additional WQ elements as a prioritized list of financially feasible - or practically feasible in the event of LID applications - watershed-specific pollutant load reduction strategies to improve water quality in the project watershed. It is the County's intent to use the resulting guidance to support water quality improvement projects in the project watershed, including water quality benefits for flood protection projects. Proposed BMPs will be prioritized on measurable benefit(s), resilience factors and cost effectiveness.

Cost:

Total project cost: \$1,370,000. Manatee County Cost-\$685,000. District Cost \$685,000. Cost was estimated based on information provided by SWFWMD staff (\$29,000/square mile) and includes \$500,000 for Bathymetry for the river (the bathymetry cost was based on a recent estimate from Dewberry for a Brennan Grant that was denied).

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

The Manatee County LDC, Section 801.3.E and Stormwater Manual Section 2.31., authorizes up to a 50% reduction of allowable discharge rate from any new development in a flood prone area. Manatee County has 11 watersheds (including portions of North County Watershed) which have a 50% reduction in allowable runoff for new developments. The policy assists the County with the CRS together with County floodplain policy for discounted flood insurance premium rates. The County has established 25 year 24 hour floodplains that have also been mapped into GIS and for which compensation is required in addition to encroachment that

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occurs in the 100 year FEMA Floodplain. County LDC 802.6.B establishes floodplain management standards and minimum finished floor elevations to protect from flooding. LDC 801 protects quantity and quality of ground and surface waters, groundwater recharge, prevent and reduce salt water intrusion, prevents adverse impacts on adjacent property from diverting flow of surface water, and prevent flood hazards and flood proofing to prevent property damage and loss of life. In addition to reductions noted above, County requires conformance with SWFWMD ERP regulations and special protection within watershed protection areas such as Evers Watershed and Lake Manatee Reservoir. The County also implements the MS4 NPDES permit which includes various BMPs, protects from illicit discharges and requires routine inspections and enforcement for compliance with applicable water quality standards including those relating to impaired waters and TMDL related. County maintains GIS database including stormwater inventory and FEMA floodplain areas. The County stormwater inventory has also been converted into the GWIS format utilized by the SWFWMD including an electronic copy of existing stormwater system and ERP related record drawings. County requires conformance with SWFWMD ERP regulations and provides special water quality protections within the watersheds of potable water reservoirs such as the Evers Reservoir and Lake Manatee. The County also implements all elements of a Phase-I NPDES MS4 permit which includes various BMPs, protection from illicit discharges and requires routine inspections and enforcement for compliance with applicable water quality standards including those relating to impaired waters and TMDLs. The SWMP provides the following water quality improvement services: 1) County-wide (jurisdictional) street sweeping and data collection and analyses to estimate pollutant load reduction benefits from this program; 2) County-wide MS4 inspection and maintenance program for structural controls and roadway collection systems, 3) Public education and outreach elements including storm drain stenciling, support for Florida Friendly Landscaping (tm) and specialized outreach channels such as the Manatee Water Atlas and 5) Miscellaneous services such as Adopt-a-Road, litter collection and household hazardous waste collection. SWMP effectiveness is formally evaluated annually. The County has adopted Ordinances regulating Illicit Connections and Discharges through the MS4 (00-02), Fertilizer use (11-21) and Solid Waste (Pet Waste) disposal (85-11) that limit nutrients to receiving water bodies. The County cooperatively operates a countywide network of 18, combined, continuous stream/rain gauges that provide information for the watershed studies. A stream/rain gauge exists in several locations in North County Watershed and two additional stations are proposed to assist with the calibration/verification effort. Long- term environmental monitoring programs (about 80 stations total, periods of record up to 30 years) provide the data used to evaluate the success of regional environmental management initiatives. Manatee County is a participant in the Tampa Bay Nitrogen Management Consortium. The County also has a grant with USGS and has obtained the 2025 LiDAR for the entire County.

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Funding Source	Prior Funding	FY2026	FY2027	Future Funding	Total Funding
Applicant Share	0	0	342,500	342,500	685,000
District Share	0	0	342,500	342,500	685,000
Total	0	0	685,000	685,000	1,370,000

Matching Fund Reduction

Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Project Development	3/31/2027
Project Development	3/31/2027
Project Development	3/31/2027
Watershed Evaluation	9/30/2028
Watershed Evaluation	9/30/2028
Watershed Evaluation	9/30/2028
Floodplain Analysis	3/31/2030
Floodplain Analysis	3/31/2030
Floodplain Analysis	3/31/2030
Surface Water Resource Assessment	3/31/2031
Alternatives Analysis	8/11/2031

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Project Name: Glen Creek Flood Mitigation

Project Number: Q443

Cooperator: Manatee County

Contact Person: Kenneth Kohn

Department: Manatee County

Address: 1022 26th Avenue East

Phone #: 9417087450

City State Zip: Bradenton, FL 34208

Ext: 7254

Email: Kenneth.Kohn@mymanatee.org

Project Type:

Water Quality Flood Protection

Strategic Initiatives:

Water Quality Maintenance and Improvement Floodplain Management

Project Description/Benefit/Cost

Description:

The Glen Creek Flood Mitigation project focus is flood protection and stormwater improvements in the Manatee River watershed in Manatee County. It aims to boost culvert capacity at 15th St E and 27th St E crossings by upsizing pipes and adding a bypass channel around Sugar Creek Resort to mitigate local flooding.

Flooding in the Manatee River Watershed impacts residential areas, businesses, industrial infrastructure, and surrounding farmlands. Glen Creek spans 2.71 miles west of 15th St East and north of 26th Ave E. Priority areas for the Project include Glen Creek drainage, Tropicana, 14th St E, and Sugar Creek Resort community.

A 100-year, 24-hour storm event could flood much of the 14th St E community and Sugar Creek Resort, with standing water on the roadways and in homes. Such floods have a 1% annual chance of occurrence and can happen consecutively. Flooding stems from undersized infrastructure, encroachment into floodplains, and the amount of impervious surfaces.

Three alternatives were reviewed, estimating costs using Florida Department of Transportation's Historical Item Average Cost Reports. Alternative #1 was chosen for its cost-benefit and flood mitigation efficacy.

The study identified undersized culverts at 15th St E (53" x 83" CMP) and west of the crossing (72" and 53" x 83" CMP) as contributors to flooding. The solution replaces these with two 60" circular reinforced concrete pipes (RCP) at each location and two 72" circular pipes at 27th St E. A bypass ditch around Sugar Creek Resort will manage increased flood levels, channeling excess water to the Manatee River. The proposed channel varies in bottom width ranging from 6 ft to 2 ft and has a maximum side slope of 3:1. The bypass also proposes to rout the water through the existing pond on River Run Golf Links by regrading the pond, lowering its elevations, and creating a new control structure.

The County requests \$1,549,577 (50% of the total cost of \$3,099,154.01) from Southwest Florida Water

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Management District Flood Mitigation (SWFWMD) funds. An Alternative Analysis Report for Glen Creek Flood Mitigation is included.

Benefit:

Three alternatives were reviewed, estimating costs using Florida Department of Transportation's Historical Item Average Cost Reports. Alternative #1 was chosen for its cost-benefit and flood mitigation efficacy.

The study identified undersized culverts at 15th St E (53" x 83" CMP) and west of the crossing (72" and 53" x 83" CMP) as contributors to flooding. The solution replaces these with two 60" circular reinforced concrete pipes (RCP) at each location and two 72" circular pipes at 27th St E. A bypass ditch around Sugar Creek Resort will manage increased flood levels, channeling excess water to the Manatee River. The proposed channel varies in bottom width ranging from 6 ft to 2 ft and has a maximum side slope of 3:1. The bypass also proposes to route the water through the existing pond on River Run Golf Links by regrading the pond, lowering its elevations, and creating a new control structure.

The County requests \$1,549,577 (50% of the total cost of \$3,099,154.01) from Southwest Florida Water Management District Flood Mitigation (SWFWMD) funds. An Alternative Analysis Report for Glen Creek Flood Mitigation is included.

Cost:

Cost estimates for the proposed alternative were created using FDOT's Historical Item Average Cost Reports, averaging 6-month, 12-month, and market area averages for each pay item. The 30% Construction Plans to quantify the required pipe lengths and stormwater structure quantities. Quantities for earthwork and road reconstruction were based on Manatee County standards. A preliminary proposed grading surface in AutoCAD to determine excavation needs for the bypass system. Mobilization, traffic maintenance, and contingencies were included as a percentage of the total. Costs for geotechnical, rock excavation, utility relocation, and soil transportation were added. The estimated project cost is \$3,099,154.01, with the County requesting \$1,549,577 (50%) from SWFWMD funds. The estimated project cost is \$3,099,154.01, with the County requesting \$1,549,577 (50%) from SWFWMD funds. The BCA calculated a total benefit of \$7,551,892 over 30 years, with a benefit-cost ratio of 2.95, demonstrating cost-effectiveness (BCR = 1.0).

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

The Manatee County LDC, Section 801.3.E requires a 50% reduction in the allowable discharge rate from any new development occurring in an area of known flooding. The policy assists the County with the FEMA Community Rating System (CRS) together with County floodplain policy for discounted flood insurance premium rates. The County has established 25-year 24-hour floodplains that have also been mapped into GIS and for which compensation is required in addition to encroachment that occurs in the 100-year FEMA Floodplain. LDC 801 protects quantity and quality of ground and surface waters, groundwater recharge, prevent and reduce saltwater intrusion, prevents adverse impacts on adjacent property from diverting flow of surface water, and prevent flood hazards and flood proofing to prevent property damage and loss of life. In addition to reductions noted above, the County requires conformance with SWFWMD ERP regulations and special protection within watershed protection areas such as Evers Watershed and Lake Manatee Reservoir. The County also implements the MS4 NPDES permit which includes various BMPs, protects from illicit

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discharges and requires routine inspections and enforcement for compliance with applicable water quality standards including those relating to impaired waters and the Total Maximum Daily Loads (TMDL) two-year work plan. The County maintains GIS database including stormwater inventory and FEMA floodplain areas. The Air and Watershed Management program (AWMP) is responsible for: 1) Monitoring the air and water quality of the County to meet various regulatory requirements; 2) Coordinating compliance with the MS4 permit and implementing the County's stormwater ordinance; 3) Implementing the County's biosolids landspreading ordinance; and 4) Evaluating waterbody impairments and watershed management plans. The Air and Watershed Management program also investigates citizen complaints related to water quality, stormwater systems, algae blooms, fish kills, and landspreading. The Stormwater Management Program (SWMP) provides the following water quality improvement services: 1) County-wide (jurisdictional) street sweeping and data collection and analyses to estimate pollutant load reduction benefits from this program; 2) County-wide MS4 inspection and maintenance program for structural controls and roadway collection systems, 3) Public education and outreach elements including storm drain stenciling, support for Florida Friendly Landscaping (tm) and specialized outreach channels such as the Manatee Water Atlas and 5) Miscellaneous services such as Adopt-a-Road, litter collection and household hazardous waste collection. SWMP effectiveness is formally evaluated annually. The County has adopted Ordinances regulating Illicit Connections and Discharges through the MS4 (00-02), Fertilizer use (11-21) and Solid Waste (Pet Waste) disposal (85-11) that limit nutrients to receiving water bodies. The County cooperatively operates a countywide network of 37, combined, continuous stream/rain gauges that provide information for the watershed studies. Manatee County is a participant in the Tampa Bay Nitrogen Management Consortium.

Funding Source	Prior Funding	FY2026	FY2027	Future Funding	Total Funding
Applicant Share	0	0	1,549,577	0	1,549,577
District Share	0	0	1,549,577	0	1,549,577
Total	0	0	3,099,154	0	3,099,154

Matching Fund Reduction

Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Preliminary Design	2/02/2026
Full Design and Permitting	2/01/2027
RFP Advertisement and Bid	9/01/2027
Construction	11/15/2027
Complete Construction	5/28/2029
As-Built Survey and Record Drawings	6/29/2029
Project Closeout	7/31/2029

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Funding Closeout

8/31/2029

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Project Name: Sarasota Bay Watershed Management Plan Update

Project Number: Q445

Cooperator: Sarasota County

Contact Person: Mike Jones

Department: Sarasota County

Address: 1001 Sarasota Center Blvd.

Phone #: 9418880574

City State Zip: Sarasota, FL 34240

Ext:

Email: mjones@scgov.net

Project Type:

Water Quality Flood Protection

Strategic Initiatives:

Water Quality Maintenance and Improvement Floodplain Management

Project Description/Benefit/Cost

Description:

This is a single-year funded project to update the 2020 Sarasota Bay Watershed Management Plan (WMP)

Benefit:

1. Update flood models with new development to FEMA standards.
2. Update the County SIMPLE model.
3. Completion of a Level of Service analysis, and Best Management Plan alternative analysis, and the identification of cost-effective water quantity and quality alternatives.
4. Completing alternative analysis information per this Agreement's requirements is critical to identify better floodplain management and cost-effective water quantity and quality alternatives.

Cost:

The total project cost is estimated at \$500,000.

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

Sarasota County has extensive experience providing public conservation education through websites, exhibits, workshops, speaking engagements, brochures, and incentive programs. Sarasota County has a Class 5 FEMA Community Rating System rating. The County received the James Lee Witt Local Award for Excellence from the State Floodplain Managers Association and FEMA in 2002. As a Cooperating Technical Partner (CTP) with FEMA, the County has entered into a 3-way Mapping Agreement Statement with FEMA and SWFWMD for the conversion of the County's digital floodplain maps and studies to Digital-Flood Insurance Rate Maps (D-FIRMs). Sarasota County and SWFWMD cooperated on the Sarasota Bay Watershed Management Plan. Sarasota County is currently cooperating with SWFWMD on updating the Dona Bay Watershed Management Plan. The Little Sarasota Bay and Lemon Bay Watershed Management Plans are currently being updated by

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Sarasota County.

The County received the Florida Stormwater Association's (FSA) 2008 Excellence Award for having Florida's best Stormwater Utility Program. This prestigious award concentrates on four primary areas: Flood Protection, Water Quality, Operations & Maintenance, and the Capital Improvement Program. The County has also received FSA's 2020 Excellence Award for the Hudson Bayou In-Stream Restoration and Water Quality Improvements Project, FSA's 2023 Outstanding Achievement Award for their Stormwater Program, FSA's 2024 Excellence Award for the Dona Bay Restoration Phase 2 Surface Water Storage Facility Project and FSA's 2024 Outstanding Achievement Award for the Healthy Ponds Guide. In addition, a Land Development Ordinance to further floodplain management objectives requires all new development to have stormwater management systems manage runoff from the 10-year, 25-year, and 100-year storms, and have finished floor elevations designed one foot above the 100-year flood elevation. Large developments are required to demonstrate that they will not result in adverse increases in off-site flood stages within the appropriate county watershed model.

The County's Water-Efficient Landscape Ordinance won a statewide award for innovation. Code enforcement officers enforce irrigation restrictions that allow for once-a-week irrigation. Reduction of potable water use is encouraged with our rain barrel harvesting program. By ordinance, developers must install reuse lines throughout new development if a reuse system exists within 150 feet of any property line of a subdivision, single or multi-family residence, or any non-residential lot or use.

Funding Source	Prior Funding	FY2026	FY2027	Future Funding	Total Funding
Applicant Share	0	0	250,000	0	250,000
District Share	0	0	250,000	0	250,000
Total	0	0	500,000	0	500,000

Matching Fund Reduction

Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Project Development	9/01/2027
Alternatives Analysis	6/01/2028
Final WMP Plan	12/30/2028

The Southwest Florida Water Management District (District) does not discriminate on the basis of disability. This nondiscrimination policy involves every aspect of the District's functions, including access to and participation in the District's programs, services and activities. Anyone requiring reasonable accommodation, or who would like information as to the existence and location of accessible services, activities, and facilities, as provided for in the Americans with Disabilities Act, should contact the Human Resources Office Chief, at 2379 Broad St., Brooksville, FL 34604-6899; telephone (352) 796-7211 or 1-800-423-1476 (FL only), ext. 4747; or email ADACoordinator@WaterMatters.org. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1-800-955-8771 (TDD) or 1-800-9558770 (Voice). If requested, appropriate auxiliary aids and services will be provided at any public meeting, forum, or event of the District. In the event of a complaint, please follow the grievance procedure located at WaterMatters.org/ADA