SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

Northern Region

FY2020 Cooperative Funding Initiative

Final Project Evaluations and Rankings

Southwest Florida
Water Management District

Southwest Florida Water Management District

2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
WaterMatters.org

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MEETING NOTICE

NORTHERN REGION

FISCAL YEAR 2020
COOPERATIVE FUNDING INITIATIVE PUBLIC MEETING

APRIL 10, 2019 • 10:00 A.M.

BROOKSVILLE OFFICE
2379 BROAD STREET • BROOKSVILLE, FLORIDA
(352) 796-7211 OR 1-800-423-1476

All meetings are open to the public.

AGENDA

1. Call to Order and Pledge of Allegiance
2. Introductions
3. Action Item: Approval of February 6, 2019 Meeting Minutes
4. CFI Final Staff Rankings and Recommendations
    a. FDEP Springs Funding Update
    b. Project Presentations
5. Receive Additional Public Comment
6. Action Item: Approve Project Rankings and Recommendations
7. Adjournment

If you have any questions concerning this meeting,
please call Frank Gargano at 1-800-423-1476
or 352-796-7211, extension 4759.

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170 Century Boulevard
Bartow, FL 33830-7700
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Southwest Florida Water Management District
Northern Region
FY2020 Proposed Cooperative Funding Initiative Projects
April 10, 2019

Page	Project	Cooperator	Project Name	Rank	District Prior Funding	FY2020 Proposed District Funding	District Future Funding
Projects Ranked 1A Priority							
1	N873	Citrus Co	WMP - Chassahowitzka River Watershed Management Plan	1A	250,000	150,000	62,500
2	N891	Citrus Co	WMP - North Citrus Withlacoochee River Watershed Management Plan	1A	300,000	112,500	0
3	N919	Sumter Co	WMP - Little Jones Creek Watershed Management Plan	1A	320,000	160,000	0
4	N986	Citrus Co	Study - Citrus County Stormwater Utility Fee Rate & Methodology	1A	50,000	50,000	50,000
5	N999	Marion Co	Conservation - Marion Co. Toilet Rebate Phase 6	1A	16,000	16,000	0
6	W430	Crystal River	Springs - Crystal River Indian Waters Septic to Sewer Phase 2	1A	300,000	825,000	0
7	WW05	Hernando Co	SW IMP - Water Quality - Weeki Wachee Springshed Nitrogen Removal Stormwater Retrofits	1A	125,000	875,000	0
Projects Ranked High Priority							
8	N981	Hernando Co	SW IMP - Flood Protection - Culbreath Road Area Flood Relief	H	137,500	250,000	1,500,000
9	Q047	Hernando Co	Reclaimed - Hernando Co. Anderson Snow Park Reuse	H	0	200,000	0
10	Q058	Marion Co	WMP - SR 200 WMP Update	H	0	106,250	106,250
11	Q062	WRWSA	Conservation - WRWSA Regional Irrigation Audit Phase 6	H	0	68,000	0
12	Q070	Citrus Co	Conservation - Citrus Co Water Sense Irrigation Controller Phase 3	H	0	45,000	0
13	Q082	Wildwood	WMP - Wildwood Watershed Management Plan	H	0	36,000	49,000
14	Q086	Dunnellon	WMP - Dunnellon Watershed Management Plan	H	0	47,500	95,000
15	Q093	Citrus Co	WMP - Tsala Apopka WMP Alternative Analysis	H	0	87,500	37,500
16	Q105	Citrus Co	Reclaimed - Citrus Co. Sugarmill Woods Golf Course Reuse	H	0	459,000	1,500,000
17	Q123	Marion Co	Study - Marion Co. Rainbow Sewer Master Plan	H	0	100,000	0
18	W432	Citrus Co	Springs - Citrus Co. Cambridge Green Septic to Sewer	H	100,000	1,350,500	0
19	W433	Crystal River	SW IMP - Water Quality - Hunter Springs Stormwater Modification	H	37,500	62,500	0
20	W434	Crystal River	Springs - Crystal River Southern Septic To Sewer	H	112,500	1,512,500	0
21	WH04	Citrus Co	Springs - Citrus Co. Old Homosassa Septic to Sewer	H	100,000	1,282,200	0
Projects Ranked Medium Priority							
22	Q051	Yankeetown	SW IMP - Flood Protection - 50th St County 40 Stormwater Drainage	M	0	37,500	165,000
23	Q075	Lake Co	Restoration - Pasture Reserve	M	0	50,000	450,000
24	Q134	Citrus Co	Springs - Citrus Co. Homosassa East Septic to Sewer	M	0	250,000	0
				Recommended for Funding Total:		**$8,132,950**	**$4,015,250**
Projects Ranked Low and/or Not Recommended							
25	Q060	Marion Co	Springs - Marion Co. Northwest WWTP AWT Expansion	L	0	3,375,000	0
26	Q065	Hernando Co	Springs - Hernando Co. Airport WWTP AWT	L	0	1,250,000	1,250,000
27	Q069	Hernando Co	Conservation - Hernando Beach District Metered Area	L	0	125,000	0
28	Q092	Yankeetown	SW IMP - Flood Protection - 67th and Riverside	L	0	37,500	142,500
29	Q103	Hernando Co	Water Quality - Hernando Co Landfill Leachate Treatment	L	0	1,925,000	0
30	Q120	Marion Co	Springs - Marion Co. Package Plant Removal	L	0	1,276,313	0

Southwest Florida Water Management District
Northern Region
FY2020 Proposed Cooperative Funding Initiative Projects
April 10, 2019

Page	Project	Cooperator	Project Name	Rank	District Prior Funding	FY2020 Proposed District Funding	District Future Funding
31	Q124	Marion Co	Springs - Marion Co. US27/NW 70th Ave Septic to Sewer	L	0	139,743	0
32	Q131	Marion Co	Springs - Marion Co. SR200 Septic to Sewer	L	0	656,250	0
				Not Recommended for Funding Total:		**$8,784,806**	**$1,392,500**
				Northern Region Total:		**$16,917,756**	**$5,407,750**

Project No. N873	WMP - Chassahowitzka River Watershed Management Plan	
Citrus County		FY2020
Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 3 of 4

Description

Description:	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the Chassahowitzka River Watershed in Citrus County. FY2020 funding will be utilized to complete the Floodplain Analysis phase and start the Alternatives Analysis phase of the project.
Measurable Benefit:	The Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage conveyance and to minimize flood damage.
Costs:	Total project cost: $925,000 Citrus County: $462,500 District: $462,500 with $250,000 budgeted in previous years, $150,000 requested in FY2020 and $62,500 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently,flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.
Cost Effectiveness:	Medium	Project cost per square mile is in the mid-range of historic costs ($20,001 to $30,000 / sq mi) for WMPs completed in rural watersheds. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as 1A Priority.	This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality, and enhance the planning of future development in the project area.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$250,000	$150,000	$62,500	$462,500
Citrus County	$250,000	$150,000	$62,500	$462,500
Total	$500,000	$300,000	$125,000	$925,000

Project No. N891	WMP - North Citrus Withlacoochee River Watershed Management Plan	
Citrus County		FY2020
Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 3 of 3

Description

Description:	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the North Citrus Withlacoochee River Watershed in Citrus County. FY2020 funding will be utilized to complete the Floodplain Analysis and Alternatives Analysis phases of the project.
Measurable Benefit:	The Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.
Costs:	Total project cost: $825,000 Citrus County: $412,500 District: $412,500 with $300,000 budgeted in previous years and $112,500 requested in FY2020.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.
Cost Effectiveness:	Medium	Project cost per square mile is in the mid-range of historic costs ($20,001 to $30,000 / sq mi) for WMPs completed in rural watersheds. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as 1A Priority.	This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality, and enhance the planning of future development in the project area.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$300,000	$112,500	$0	$412,500
Citrus County	$300,000	$112,500	$0	$412,500
Total	$600,000	$225,000	$0	$825,000

Project No. N919	WMP - Little Jones Creek Watershed Management Plan	
Sumter County BOCC		FY2020
Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 3 of 3

Description

Description:	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the Little Jones Creek Watershed in Sumter County. FY2020 funding will be utilized to complete the Floodplain Analysis and Alternatives Analysis phases of the project.
Measurable Benefit:	The Measurable Benefit will be completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.
Costs:	Total project cost: $960,000 Sumter County: $480,000 District: $480,000 with $320,000 budgeted in previous years and $160,000 requested in FY2020.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.
Cost Effectiveness:	Medium	Project cost per square mile is in the mid-range of historic costs ($20,001 to $30,000 / sq mi) for WMPs completed in rural watersheds. Cost effectiveness for multi-year projects is based upon the metrics in place when project was originally approved.
Past Performance:	High	Based on the cooperator having no ongoing cooperator led projects with the District they are ranked high.
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 7 and is in the 6 to 9 range.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as 1A Priority.	This ongoing project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality, and enhance the planning of future development in the project area.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$320,000	$160,000	$0	$480,000
Sumter County	$320,000	$160,000	$0	$480,000
Total	$640,000	$320,000	$0	$960,000

Project No. N986	Study - Citrus County Stormwater Utility Fee Rate & Methodology	
Citrus County		FY2020
Risk Level:	Type 3	**Multi-Year Contract:** Yes, Year 2 of 3

Description

Description:	Developing a County-wide Stormwater Assessment through the following efforts: Part 1 - Overall condition assessment and funding alternatives evaluation; Part 2 - Rate study and billing methodology; Part 3 - Community outreach and public presentations. FY2020 funding will be utilized to begin the rate study and billing methodology.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a study to pursue implementation of a dedicated stormwater utility and associated fee to improve the County's ability to fund stormwater capital improvement projects and address operational needs on a long-term sustainable basis.
Costs:	Total project cost: $300,000 Citrus County: $150,000 District: $150,000 with $50,000 budgeted in previous years, $50,000 requested in FY2020 and $50,000 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	Completion of a study to provide for potential implementation of a dedicated stormwater utility and associated fee to improve the County's ability to fund stormwater capital and operational needs including future flood protection and water quality level of service improvements.
Cost Effectiveness:	High	Project cost is comparable to other prior projects with similar scopes.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as 1A Priority.	This ongoing project provides for the development of a stormwater utility study and methodology that, if adopted, will provide for a dedicated funding source and greatly improve the County's ability to fund stormwater capital and operational needs, including future flood protection, water quality, and environmental level of service improvements.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$50,000	$50,000	$50,000	$150,000
Citrus County	$50,000	$50,000	$50,000	$150,000
Total	$100,000	$100,000	$100,000	$300,000

Project No. N999	Conservation - Marion Co. Toilet Rebate Phase 6	
Marion County		FY2020
Risk Level:	Type 1	**Multi-Year Contract:** Yes, Year 2 of 2

Description

Description:	Financial incentives to residential customers for the replacement of conventional toilets with high-efficiency toilets which use 1.28 gallons per flush or less and to commercial customers for the replacement of conventional toilets with ultra-low flow toilets which use 1.6 gallons per flush or less. This project will make available rebates and program administration for the replacement of approximately 400 high flow toilets. Also included are educational materials, program promotion, and surveys necessary to ensure the success of the program.
Measurable Benefit:	The contractual Measureable Benefit will be the impementation of the program and the completion of a final report.
Costs:	Total Project Cost: $64,000 Marion County: $32,000 District: $32,000 with $16,000 budgeted in previous years and $16,000 requested in FY2020.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The benefit of the project is the conservation of approximately 10,190 gallons per day in the Northern Planning Region.
Cost Effectiveness:	High	Project cost effectiveness is below $3.00 per thousand gallons saved.
Past Performance:	Medium	Based on an assessment of the schedule and budget for 4 ongoing projects.
Complementary Efforts:	High	The Cooperator encourages, supports and provides incentives for water conservation programs within its service area.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Conservation**: Enhance efficiencies in all water-use sectors to ensure beneficial use. **Northern Region Priority**: Ensure long-term sustainable water supply.

Overall Ranking and Recommendation

Fund as 1A Priority.	This ongoing project will conserve potable water supply in the Northern Planning Region and is cost effective.

Funding

Funding Source	Prior	FY2020	Future	Total
Marion County	$16,000	$16,000	$0	$32,000
District	$16,000	$16,000	$0	$32,000
Total	$32,000	$32,000	$0	$64,000

Project No. W430	Springs - Crystal River Indian Waters Septic to Sewer Phase 2	
Crystal River		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** Yes, Year 2 of 2

Description

Description:	Design, permitting, and construction of a municipal sewer system including connection fees, plant demolition and tank abandonment, and necessary components. This project will allow for the connection of a private wastewater package plant and provide City central sewer to areas currently served by septic systems within the Kings Bay/Crystal River springshed.
Measurable Benefit:	The contractual Measurable Benefit will be the construction of a municipal sanitary sewer line and any necessary components for a fully operational system that will result in the connection of a minimum of 178 septic tanks and one package plant. Construction will be done in accordance with the permitted plans.
Costs:	Total Project Costs: $4,500,000 (Design, permitting, and construction) FDEP: $2,250,000 City of Crystal River: $1,125,000 District:$1,125,000 with $300,000 budgeted in previous years and $825,000 requested in FY2020.

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The benefit of this water quality project is the reduction of pollutant loads by an estimated 2,860 lbs/yr of TN. There will be no monitoring or performance testing requirements. The project is located within the Priority Focus Area (PFA) of the Kings Bay/Crystal River basin management action plan (BMAP), a SWIM priority water body. This benefit calculation differs from the standard FDEP methodology as this project includes nitrogen savings from a package plant and a commercial septic tank.
Cost Effectiveness:	High	For wastewater projects, the estimated cost/lb of TN ($52/lb) is lower than what would be considered a highly cost-effective project of $100/lb.
Past Performance:	High	Based on the cooperator having no ongoing project with the District they are ranked high.
Complementary Efforts:	Medium	The Cooperator has an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Fund as 1A Priority.	This ongoing project is located within the Crystal River/King's Bay Priority Focus Area, a SWIM Priority water body and will continue efforts by the City to improve water quality. The District will only fund the project if FDEP also contributes funds and the Cooperator demonstrates appropriate controls are in place.

Funding

Funding Source	Prior	FY2020	Future	Total
FDEP	$2,250,000	$0	$0	$2,250,000
City of Crystal River	$300,000	$825,000	$0	$1,125,000
District	$300,000	$825,000	$0	$1,125,000
Total	$2,850,000	$1,650,000	$0	$4,500,000

Project No. WW05	SW IMP – Water Quality – Weeki Wachee Springshed Nitrogen Removal Stormwater Retrofits	
Hernando County		FY2020
Risk Level:	Type 3	**Multi-Year Contract:** Yes, Year 2 of 2

Description	
Description:	Design, permitting and construction of stormwater BMPs to retrofit multiple existing urban drainage retention areas with denitrification cells utilizing biosorption activated media (BAM). The retention areas are within three miles of the Weeki Wachee Springs headspring.
Measurable Benefit:	The contractual Measurable Benefit will be the construction of stormwater BMP's to treat approximately 785 acres of low density residential stormwater runoff within the Weeki Wachee springshed. Construction will be done in accordance with the permitted plans.
Costs:	Total Project Cost: $2,000,000 (Design, permitting and construction) Hernando County: $1,000,000 District: $1,000,000, with $125,000 budgeted in previous years and $875,000 requested in FY2020.

Evaluation		
Application Quality:	High	Application included all the required information identified in the CFI guidelines.
Project Benefit:	High	The Resource Benefit of the Water Quality project is the reduction of pollutant loads to Weeki Wachee Springs, a SWIM priority water body, by an estimated 700 lbs/ yr TN.
Cost Effectiveness:	High	The estimated cost/lb of TN removed is below the historical average cost of $224, and the cost/acre treated is below the historical average cost of $8,050/acre treated for urban/suburban water quality projects. Cost effectiveness for multi-year projects is based upon the metrics in place when the project was orginally approved.
Past Performance:	High	Based on an assessment of the schedule and budget for the 3 ongoing projects.
Complementary Efforts:	High	The County has an active stormwater utility that collects fees.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals		
Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation	
Fund as 1A Priority.	This ongoing project is cost effective and improves stormwater quality and reduces nutrients entering the Weeki Wachee springshed. Due to the close proximity of these projects to the headspring, they are an important component of the long-term goal to improve water quality.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$125,000	$875,000	$0	$1,000,000
Hernando County	$125,000	$875,000	$0	$1,000,000
Total	$250,000	$1,750,000	$0	$2,000,000

Project No. N981	SW IMP - Flood Protection - Culbreath Road Area Flood Relief	
Hernando County		FY2020
Risk Level:	Type 3	**Multi-Year Contract:** Yes, Year 2 of 4

Description

Description:	Design, permitting, and construction of drainage improvements to an existing one mile section of Culbreath Road, which is an evacuation route, just south of Powell Road. Due to undersized stormwater infrastructure, the project area has experienced frequent roadway flooding problems. Funding was approved in FY2019 for 30% design and third-party review as this project has complex design elements. The FY2020 funding request is to complete design and permitting.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of design, permitting, and construction of the proposed drainage improvement to relieve flooding at Culbreath Road just south of Powell Road. Construction will be done in accordance with the permitted plans.
Costs:	Total project cost: $3,775,000 (design, third-party review, permitting, and construction) Hernando County: $1,887,500 District: $1,887,500 with $137,500 budgeted in previous years, $250,000 requested in FY2020, and $1,500,000 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	Medium	The benefit of this project, if constructed, will reduce the existing flooding problem during the 100-year, 24-hour storm event. Street flooding currently occurs in the project area and the project impacts the regional or intermediate drainage system.
Cost Effectiveness:	High	Benefit/cost ratio is greater than or equal to 1. Benefits include avoided damages to roads.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 3 ongoing projects.
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative – Flood Protection Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve flood protection, and operate District flood control and conservation structures to minimize flood damage while preserving the water resource.

Overall Ranking and Recommendation

Fund as High Priority.	30% design and third party review is anticipated to be completed in FY2020. Contractually, the County will need Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, staff is recommending FY2020 funding for final design and permitting. If constructed, this project will provide flood protection for an evacuation route during the 100-year, 24-hour storm event and improve water quality through treatment.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$137,500	$250,000	$1,500,000	$1,887,500
Hernando County	$137,500	$250,000	$1,500,000	$1,887,500
Total	$275,000	$500,000	$3,000,000	$3,775,000

Project No. Q047	Reclaimed - Hernando Co. Anderson Snow Park Reuse Project	
Hernando County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Design, permitting and construction of approximately 2,500 feet of reclaimed water transmission mains and other necessary appurtenances to supply approximately 50 acres of ballfields at the Anderson Snow Sports Complex in central Hernando County.
Measurable Benefit:	The Measurable Benefit, which will be the contractual requirement, is the supply and utilization of 0.20 mgd of reclaimed water for recreational irrigation use in the Weeki Wachee Springshed. Construction will be done in accordance with the permitted plans.
Costs:	Total project cost: $400,000 (Design, Permitting and Construction) Hernando County: $200,000 District: $200,000

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The benefit is the supply of 0.20 mgd of reclaimed water to a recreational irrigation customer for an anticipated 0.12 mgd of water savings within the Weeki Wachee Springshed.
Cost Effectiveness:	High	$3.33 per gallon per day capital cost which is below the $10 to $15 per gallon average for alternative supplies. The estimated cost effectiveness is $0.80 per thousand gallons of water resource benefit which is within the cost range for reuse projects which typically range from a low of $0.15/1,000 gallons for golf course projects up to $10.00/1,000 gallons for residential projects.
Past Performance:	High	Based on an assessment of the schedule and budget for 3 ongoing projects.
Complementary Efforts:	High	The County's reclaimed water system will include metering and incentive based reuse rate structures for the recreational user and the County has pro-active water conservation policies.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Reclaimed Water**: Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. **Northern Region Priority**: Improve northern coastal spring systems. **Northern Region Priority**: Ensure long-term sustainable water supply.

Overall Ranking and Recommendation

Fund as High Priority.	This project is recommended for funding as it reduces reliance on traditional water sources in the Weeki Wachee Springshed and is cost effective.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$200,000	$0	$200,000
Hernando County	$0	$200,000	$0	$200,000
Total	$0	$400,000	$0	$400,000

Project No. Q058	WMP - SR 200 WMP Update	
Marion County		FY2020
Risk Level:	Type 4	**Multi-Year Contract:** Yes, 1 of 2

Description

Description:	Complete a Watershed Management Plan (WMP) update for the SR 200 watershed in Marion County, including Watershed Evaluation and Floodplain Analysis. FY2020 funding will be used to begin the Watershed Evaluation portion of the project.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an updated WMP and floodplain delineation using digital topographic information, ERP data, and land use updates.
Costs:	Total project cost: $425,000 Marion County: $212,500 District: $212,500 with $106,250 requested in FY2020, and $106,250 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The WMP will evaluate flooding problems that exist in the watershed. Currently, flood analysis models are available and are from 5 to 10 years old. The watershed has experienced moderate changes since last study, and the watershed includes regional or intermediate stormwater systems. The SR 200 watershed is one of the District's top 20 priority watersheds for WMP updates.
Cost Effectiveness:	Medium	Project cost per square mile is within the mid-range of historic costs ($15,001 - $22,000 / sq mi) for WMP updates completed in mixed watersheds.
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 4 ongoing projects
Complementary Efforts:	Medium	Cooperator's Community Rating System is 7 and is in the 6 to 9 range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Medium	**Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as High Priority.	This project updates flood risk in an area with existing flood analysis that is 5 to 10 years old. The resulting product will be utilized for flood zone determination, to help implement solutions that alleviate flood risk, and to enhance the planning of future development in the project area. The SR 200 watershed is one of the District's top 20 priority watersheds for WMP updates.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$106,250	$106,250	$212,500
Marion County	$0	$106,250	$106,250	$212,500
Total	$0	$212,500	$212,500	$425,000

Project No. Q062	Conservation - WRWSA Regional Irrigation Audit Phase 6	
WRWSA		FY2020
Risk Level:	Type 1	**Multi-Year Contract:** No

Description

Description:	Make available approximately 216 irrigation system evaluations within Marion, Citrus, and Hernando Counties and the Villages Development Districts. Participating utilities will assist in providing irrigation evaluations to single family, multi-family, and commercial customers. This will include providing customers with recommendations for optimizing the use of water outdoors through Florida-Friendly Landscaping TM practices, and recommending other efficient irrigation best management practices. For select customers, the project could also include performing irrigation system modifications, and rain senor installs for project participants who do not have a functioning device. Also included is program administration, educational materials, program promotion, follow-up evaluations and surveys necessary to ensure the success of the program.
Measurable Benefit:	The contractual Measurable Benefit will be implementation of the program and completion of a final report.
Costs:	Total Project cost: $136,000; Withlacoochee Regional Water Supply Authority: $68,000; District: $68,000.

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The benefit of the project is the conservation of approximately 32,184 gallons per day in the Northern Planning Region.
Cost Effectiveness:	High	Project cost effectiveness is below $3.00 per thousand gallons saved.
Past Performance:	High	Based on the assessment of the schedule and budget for the 1 ongoing project.
Complementary Efforts:	High	The WRWSA encourages, supports, and provides financial incentives for water conservation amongst its member governments.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Conservation**: Enhance efficiencies in all water-use sectors to ensure beneficial use. **Northern Region Priority**: Ensure long-term sustainable water supply.

Overall Ranking and Recommendation

Fund as High Priority.	Project will conserve potable water supply in the Nothern Planning Region of the District and is cost effective.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$68,000	$0	$68,000
WRWSA	$0	$68,000	$0	$68,000
Total	$0	$136,000	$0	$136,000

Project No. Q070	Conservation - Citrus Co Water Sense Irrigation Controller Phase 3
Citrus County	FY2020

Risk Level:	Type 1	Multi-Year Contract: No

Description

Description:	Make available financial incentives to residential customers for the installation of approximately 180 Water Sense Labeled irrigation controllers and necessary components at residential homes in the Citrus County service area. Also included are educational materials, program promotion, surveys and an orientation with the homeowner to assist in familiarizing the resident with the new equipment.
Measurable Benefit:	The contractual Measurable Benefit will be the implementation of the program and the completion of final report.
Costs:	Total Project Cost: $90,000 Citrus County: $45,000 District: $45,000

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The benefit of this project is an estimated 26,474 gallons per day of water conserved in the Northern Planning Region.
Cost Effectiveness:	High	Project Cost effectivenss is below the $3.00 per thousand gallons saved.
Past Performance:	High	Based on an assessment of the schedule and budget of the 2 ongoing projects.
Complementary Efforts:	High	The Cooperator encourages, supports and provides incentives for water conservation programs within its service area.
Project Readiness:	High	Project is ready to begin on or before Decemeber 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Conservation**: Enhance efficiencies in all water-use sectors to ensure beneficial use. **Northern Region Priority**: Ensure long-term sustainable water supply.

Overall Ranking and Recommendation

Fund as High Priority.	Project will conserve potable water in the Northern Planning region of the District and is cost effective.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$45,000	$0	$45,000
Citrus County	$0	$45,000	$0	$45,000
Total	$0	$90,000	$0	$90,000

Project No. Q082	WMP - Wildwood Watershed Management Plan	
Wildwood		FY2020
Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 1 of 3

Description

Description:	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the Wildwood Watershed in Sumter County. FY2020 funding will be utilized to develop a comprehensive GIS based inventory of stormwater system and complete the Watershed Evaluation phase of the project.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.
Costs:	Total project cost: $170,000 City of Wildwood: $85,000 District: $85,000 with $36,000 requested in FY2020 and $49,000 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.
Cost Effectiveness:	High	Project cost per square mile is below the historic costs ($69,100 / sq mi) for WMPs completed in urban watersheds.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 7 and is in the 6 to 9 range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as High Priority.	This project identifies flood risk in an area with no detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality, and enhance the planning of future development in the project area.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$36,000	$49,000	$85,000
City of Wildwood	$0	$36,000	$49,000	$85,000
Total	$0	$72,000	$98,000	$170,000

Project No. Q086	WMP - Dunnellon Watershed Management Plan	
Dunnellon		FY2020
Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 1 of 3

Description

Description:	Complete a Watershed Management Plan (WMP) including floodplain analysis, Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis for the Dunnellon Watershed in Marion County. FY2020 funding will be utilized to develop a comprehensive GIS based inventory of stormwater system and begin the Watershed Evaluation phase of the project.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of a WMP that will develop better floodplain information and implement floodplain management programs to maintain storage and conveyance and to minimize flood damage.
Costs:	Total project cost: $285,000 City of Dunnellon: $142,500 District: $142,500 with $47,500 requested in FY2020 and $95,000 anticipated to be requested in future years.

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The WMP will analyze flooding problems that exist in the watershed. Currently, flood analysis models are not available or are over 10 years old, and the watershed includes regional or intermediate stormwater systems.
Cost Effectiveness:	Medium	Project cost per square mile is in the mid-range of historic costs ($22,605 - $45,500 / sq mi) for WMPs completed in mixed watersheds.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Low	Cooperator not participating in the CRS Program.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as High Priority.	This project identifies flood risk in an area with some detailed study information available. The resulting product will be utilized for flood zone determination, help implement solutions that alleviate flood risk and improve water quality, and enhance the planning of future development in the project area.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$47,500	$95,000	$142,500
City of Dunnellon	$0	$47,500	$95,000	$142,500
Total	$0	$95,000	$190,000	$285,000

Project No. Q093	WMP - Tsala Apopka WMP Alternative Analysis	
Citrus County		FY2020
Risk Level:	Type 4	**Multi-Year Contract:** Yes, Year 1 of 2

Description

Description:	Complete the alternative analysis portion of the Watershed Management Plan (WMP) for the Tsala Apopka Watershed in Citrus County. Governing Board approved floodplains were developed in December 2011. FY2020 funds will be used to begin the alternative analysis tasks including Stormwater Level of Service analysis (LOS), Surface Water Resource Assessment (SWRA), and Best Management Practice (BMP) alternative analysis.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of an alternative analysis to better identify risk of flood damage and cost effective alternatives for water quantity and quality deficiencies.
Costs:	Total project cost: $250,000 Citrus County: $125,000 District: $125,000 with $87,500 requested in FY2020 and $37,500 anticipated to be requested in future years.

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The Resource Benefit of the project is to identify risk of flood damage, water quality issues, and cost effective alternatives. Flood analysis models are available and are 7 years old. The LOS, SWRA, and BMP analysis have not been done and the watershed includes regional or intermediate stormwater systems.
Cost Effectiveness:	High	Project cost per square mile is below the historic costs ($4,000 / sq mi) for WMPs completed in mixed watersheds.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	High	Cooperator's Community Rating System class is 5 and is in the 5 or better range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Strategic Initiative - Floodplain Management**: Collect and analyze data to determine local and regional floodplain information, flood protection status and trends to support floodplain management decision and initiatives.

Overall Ranking and Recommendation

Fund as High Priority.	This project will complete the LOS, SWRA, and BMP Alternative Analysis for the Tsala Apopka watershed. WMP floodplain results were completed and Governing Board approved in 2011. The resulting product will be utilized to help implement solutions that allievate flood risk, improve water quality, and enhance the planning of future development in the watershed.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$87,500	$37,500	$125,000
Citrus County	$0	$87,500	$37,500	$125,000
Total	$0	$175,000	$75,000	$250,000

Project No. Q105	Reclaimed - Citrus Co. Sugarmill Woods Golf Course Reuse Project	
Citrus County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** Yes, Year 1 of 2

Description

Description:	Design, permitting and construction of approximately 22,000 feet of transmission mains, a 1.0 million gallon storage tank, a 1.0 mgd pump station, a 0.5 mgd booster station and other necessary appurtenances to supply 0.50 mgd of reclaimed water to replace 0.375 mgd of groundwater used for irrigation at the Sugarmill Woods golf courses (one 18 hole and one 9 hole) within the Chassahowitzka Springs Springshed. Citrus County has executed a long-term reclaimed water supply agreement with the owner of the Sugarmill Golf Courses.
Measurable Benefit:	The Measurable Benefit, which will be the contractual requirement, is the supply and utilization of 0.50 mgd of reclaimed water for golf course irrigation use in the Chassahowitzka Springs Springshed. Construction will be done in accordance with the permitted plans.
Costs:	Total project cost: $3,918,000 (Design, Permitting, Construction); Citrus County: $1,959,000; District: $1,959,000, with $459,000 requested in FY2020 and the remaining $1,500,000 anticipated to be requested in future years.

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The benefit is the supply of 0.50 mgd of reclaimed water to two golf course irrigation customers for an anticipated 0.375 mgd of water savings within Chassahowitzka Springs Springshed.
Cost Effectiveness:	Medium	$10.45 per gallon per day capital cost which is within the $10 to $15 per gallon average for alternative supplies. The estimated cost effectiveness is $2.51 per thousand gallons of water resource benefit which is within the cost range for reuse projects which typically range from a low of $0.15/1,000 gallons for golf course projects up to $10.00/1,000 gallons for residential projects.
Past Performance:	High	Based on an assessment of the schedule and budget for 2 ongoing projects.
Complementary Efforts:	High	The County's reclaimed water system will include metering and incentive based reuse rate structures for the golf course user and the County has pro-active water conservation policies.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Reclaimed Water**: Maximize beneficial use of reclaimed water to reduce demand on traditional water supplies. **Northern Region Priority**: Improve northern coastal spring systems. **Northern Region Priority**: Ensure long-term sustainable water supply.

Overall Ranking and Recommendation

Fund as High Priority.	The project is recommended for funding as it reduces reliance on traditional water sources in the Chassahowitzka Springs Springshed and is cost effective.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$459,000	$1,500,000	$1,959,000
Citrus County	$0	$459,000	$1,500,000	$1,959,000
Total	$0	$918,000	$3,000,000	$3,918,000

Project No. Q123	Study - Marion Co. Rainbow Sewer Master Plan	
Marion County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Feasibility study to identify the best options for converting residential dwellings and commercial facilities currently serviced by onsite sewage treatment and disposal systems (OSTDS) to a centralized wastewater collection system.
Measurable Benefit:	The contractual Measureable Benefit will be the completion of a feasibility study.
Costs:	Total Project Cost: $200,000 Marion County: $100,000 District: $100,000

Evaluation

Application Quality:	High	Application included all the required information identified in the CFI Guidelines.
Project Benefit:	High	The project benefit is the completion of a feasibility study. The Master Plan will address issues such as the implementation of sewer treatment technologies including new wastewater plants or plant upgrades, the development of a phased construction schedule, package plant closures, the potential use of existing infrastructure and the cost of any new infrastructure and system upgrades including lift stations, gravity sewer mains, force mains, sewer laterals and septic tank abatement.
Cost Effectiveness:	Medium	The project costs are consistent with the range of costs for similar projects.
Past Performance:	Medium	Based upon an assessment of the schedule and budget for 4 ongoing projects.
Complementary Efforts:	Low	The Cooperator does not have an ordianance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Fund as High Priority.	The project is mostly located within a Priority Focus Area and will result in water quality improvements within Rainbow Springs. The costs are consistent with the range of costs for similar projects.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$100,000	$0	$100,000
Marion County	$0	$100,000	$0	$100,000
Total	$0	$200,000	$0	$200,000

Project No. W432	Springs - Citrus Co. Cambridge Green Septic to Sewer Project	
Citrus County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** Yes, Year 2 of 2

Description

Description:	Final design, permitting, and construction of a regional wastewater collection system necessary for connection of a existing residential homes in the Cambridge Greens area of the Crystal River/Kings BayPriority Focus Area. Funding was approved in FY2019 for 30% design and third-party review. The District required a third-party review because the conceptual construction estimate was greater than $5 million dollars. The FY2020 funding request is for final design, permitting, and construction.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of final design, permitting, and construction of a regional wastewater collection system that will result in the connection of a minimum of 240 existing septic tanks. Construction will be done in accordance with the permitted plans.
Costs:	Total project cost: $6,500,000 (design, third-party review, permitting, and construction) Citrus County: $1,450,500 District: $1,450,500 with $100,000 budgeted in previous years, and $1,350,500 requested in FY2020. FDEP: $3,250,000 Legislative Appropriation: $349,000

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The benefit of this water quality project, if constructed, is the reduction of pollutant loads by an estimated 2,370 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the Priority Focus Area (PFA) of the Crystal River/Kings Bay basin management action plan (BMAP), a SWIM priority water body.
Cost Effectiveness:	High	For wastewater projects, the estimated cost/lb of TN ($91/lb) is lower than what would be considered a highly cost-effective project of $100/lb.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	Medium	The Cooperator has an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Fund as High Priority.	30% design and third-party review is anticipated to be completed in FY2020. Contractually, the County needs Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, Staff recommends FY2020 funding for final design, permitting, and construction. This project is located within the Crystal River/Kings Bay PFA, a SWIM Priority water body and will continue efforts by the County to improve water quality.

Funding

Funding Source	Prior	FY2020	Future	Total
Legislation	$349,000	$0	$0	$349,000
FDEP	$3,250,000	$0	$0	$3,250,000
Citrus County	$100,000	$1,350,500	$0	$1,450,500
District	$100,000	$1,350,500	$0	$1,450,500
Total	$3,799,000	$2,701,000	$0	$6,500,000

Project No. W433	SW IMP – Water Quality – Hunter Springs Stormwater Modification	
Crystal River		FY2020
Risk Level:	Type 3	**Multi-Year Contract:** Yes, Year 2 of 2

Description

Description:	Design, permitting and construction of a modification to an existing drainage retention area which will improve stormwater quality discharged to the Hunters Springs area of Kings Bay.
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of stormwater BMP's to provide additional treatment to approximately 150 acres of low density residential stormwater runoff to Kings Bay/ Crystal River, which are Outstanding Florida Waters and a SWIM priority water body. Construction will be done in accordance with the permitted plans. There will be no monitoring or performance testing requirements.
Costs:	Total project cost $200,000 (Design, Permitting and Construction) City of Crystal River: $100,000 District $100,000 with $37,500 budgeted in previous years, $62,500 requested in FY2020. FY2020 funding request is the result of a scope change and corresponding cost increase. Project cost increased from the previously approved budget of $75,000 ($37,500 District Share) to $200,000 ($100,000 District Share) with the measurable benefit increasing from 34 acres to 150 acres of watershed treated and the resource benefit of the project increasing from 24 lbs/yr TN to 81 lbs/yr TN removed.

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The Resource Benefit of the project is the reduction of pollutant loads to Kings Bay/Crystal River, by an estimated 81 lbs/yr TN.
Cost Effectiveness:	High	The estimated cost/lb of TN removed is below the historical average cost of $224, and the cost/acre treated is below the historical average cost of $8,050/acre treated for urban/suburban water quality projects. Cost effectiveness for multi-year projects is based upon the metrics in place when the project was originally approved.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Medium	The City of Crystal River has adopted watering restrictions, and adopted building codes that require waterfront construction to retain the first 1.5" of rainfall on-site through the construction of swales and/or berms. The City has also adopted an ordinance that bans the use of fast-release fertilizers as a means of protecting water quality.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Fund as High Priority.	This project improves stormwater quality and reduces nutrients entering Kings Bay/Crystal River, which are Outstanding Florida Waters and a SWIM priority water body. During design it was determined that an additional 116 acres of watershed could be routed to this stormwater system for treatment. As a result the project cost, measurable benefit and resource benefit have increased.

Funding

Funding Source	Prior	FY2020	Future	Total
City of Crystal River	$37,500	$62,500	$0	$100,000
District	$37,500	$62,500	$0	$100,000
Total	$75,000	$125,000	$0	$200,000

Project No. W434	Springs - Crystal River Southern Septic To Sewer Project	
Crystal River		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** Yes, Year 2 of 2

Description

Description:	Final design, permitting, and construction of a municipal sewer system including connection fees, septic tank abandonment, and necessary components. This project will provide City central sewer to areas currently served by septic systems within the Kings Bay/Crystal River Priority Focus Area. District funding in FY2019 included 30% design and third-party review as this project has a conceptual estimate greater than $5 million dollars. It is anticipated third-party review will be completed in FY2020. The FY2020 funding request is for final design, permitting, and construction.
Measurable Benefit:	The contractual Measurable Benefit will be the construction of a municipal sanitary sewer line and any necessary components for a fully operational system that will result in the connection of a minimum of 722 septic tanks. Construction will be done in accordance with the permitted plans.
Costs:	Total Project Cost: $6,500,000 (design, third-party review, permitting, and construction) City of Crystal River: $1,625,000 FDEP: $3,250,000 District: $1,625,000 with $112,500 budgeted in previous years and $1,512,500 requested in FY2020

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The benefit of this water quality project, if constructed, is the reduction of pollutant loads by an estimated 6,815 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the PFA of the Kings Bay/Crystal River basin management action plan (BMAP), a SWIM priority water body. This benefit calculation differs from the standard FDEP methodology as this project includes nitrogen savings from commercial septic tanks.
Cost Effectiveness:	High	For wastewater projects, the estimated cost/lb of TN ($32/lb) is lower than what would be considered a highly cost-effective project of $100/lb.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Medium	The Cooperator has an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Fund as High Priority.	30% design and third-party review is anticipated to be completed in FY2020. Contractually, the City needs Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, Staff recommends FY2020 funding for final design, permitting and construction. This project is located within the Crystal River/King's Bay Priority Focus Area, a SWIM Priority water body and will continue efforts by the City to improve water quality.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$112,500	$1,512,500	$0	$1,625,000
FDEP	$3,250,000	$0	$0	$3,250,000
City of Crystal River	$112,500	$1,512,500	$0	$1,625,000
Total	$3,475,000	$3,025,000	$0	$6,500,000

Project No. WH04	Springs - Citrus Co. Old Homosassa Septic to Sewer Project	
Citrus County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** Yes, Year 2 of 2

Description

Description:	Design, permitting, and construction of a regional wastewater collection system necessary for connection of existing residential homes in the Old Homosassa area of the Chassahowitzka - Homosassa Priority Focus Area (PFA). Funding was approved in FY2019 for 30% design and third-party review. The District required a third-party review because the conceptual construction estimate is greater than $5 million dollars. The FY2020 funding request is for final design, permitting, and construction.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of design, permitting, and construction of a wastewater collection system that will result in the connection of a minimum of 95 existing septic tanks. Construction will be done in accordance with the permitted plans.
Costs:	Total project cost: $6,000,000 (design, third-party review, permitting, and construction) Citrus County: $1,382,200 District: $1,382,200 with $100,000 budgeted in previous years and $1,282,200 requested in FY2020 FDEP: $3,000,000 Legislative appropriation: $235,600

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	High	The benefit of this project, if constructed, is the reduction of pollutant loads by an estimated 907 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the PFA of the Chassahowitzka - Homosassa Springs basin management action plan (BMAP), a SWIM priority water body. This benefit calculation differs from the standard FDEP methodology as this project will impact the adjacent surface water body (Homosassa river) instead of the nearby spring vents.
Cost Effectiveness:	Medium	For wastewater projects, the estimated cost/lb of TN ($221/lb) is lower than the historical average of $224/lb for District funded stormwater projects and is above what would be considered a highly cost-effective project of $100/lb. Cost effectiveness for multi-year projects is based on the metrics in place when the project was approved.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	Medium	The Cooperator has an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ongoing and on schedule.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Fund as High Priority.	30% design and third-party review is anticipated to be completed in FY2020. Contractually, the County needs Governing Board approval to proceed beyond this task. Anticipating favorable information from the third-party review, and with the understanding that the Governing Board will need to provide approval to proceed, Staff recommends FY2020 funding for final design, permitting, and construction. This project is located within the Chassahowitzka-Homosassa PFA, a SWIM Priority water body and continues the County's efforts to improve water quality.

Funding

Funding Source	Prior	FY2020	Future	Total
Legislation	$235,600	$0	$0	$235,600
FDEP	$3,000,000	$0	$0	$3,000,000
District	$100,000	$1,282,200	$0	$1,382,200
Citrus County	$100,000	$1,282,200	$0	$1,382,200
Total	$3,435,600	$2,564,400	$0	$6,000,000

Project No. Q051	SW IMP - Water Quality - 50th St County 40 Stormwater Drainage	
Yankeetown		FY2020
Risk Level:	Type 3	**Multi-Year Contract:** Yes, 1 of 2

Description

Description:	Design, permitting, and construction of a stormwater BMPs to treat highly urbanized stormwater from untreated areas in the town of Yankeetown at 50th Street to reduce pollutant loads to the Lower Withlacoochee River.
Measurable Benefit:	The contractual Measurable Benefit will be construction of BMPs to treat highly urbanized stormwater from untreated areas in the town of Yankeetown at 50th Street to reduce pollutant loads to the Lower Withlacoochee River.
Costs:	Total project costs: $270,000 (design, permitting, and construction) Yankeetown (REDI): $67,500 District: $202,500 with $37,500 requested in FY2020 and $165,000 anticipated to be requested in future years.

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	Medium	The Resource Benefit of this water quality project is the reduction of pollutant loads to the Lower Withlacoochee River by an estimated 31 lbs/year of TN.
Cost Effectiveness:	Medium	The estimated cost/lb of TN removed is between the historical average cost of $176 and $475/lb.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Low	Applicant has two or less of the preferred complementary efforts. The County has ongoing stormwater education and is currently participating in ongoing environmental studies.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Medium	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Region Priority**: None

Overall Ranking and Recommendation

Fund as Medium Priority.	The project is cost effective and will improve stormwater pollutant load impacts discharged to the Lower Withlacoochee River. Yankeetown qualifies for 75% cost share as a REDI community as defined by Florida Statute. Under District Policy 130-4, the Board can reduce the requirements for matching funds for REDI communities.

Funding

Funding Source	Prior	FY2020	Future	Total
Yankeetown	$0	$12,500	$55,000	$67,500
District	$0	$37,500	$165,000	$202,500
Total	$0	$50,000	$220,000	$270,000

Project No. Q075	Restoration - Pasture Reserve	
Lake County		FY2020
Risk Level:	Type 3	**Multi-Year Contract:** Yes, Year 1 of 2

Description	
Description:	Design, permitting and construction of restored uplands and wetlands, including cypress strands, marsh, mixed forested wetlands, pasture and pine flatwoods. The Cooperator will be required to convey a conservation easement over the project area to the District.
Measurable Benefit:	The contractual Measurable benefit is the restoration and enhancement of 810 aces of uplands and wetlands. Construction will be done in accordance with permitted plans.
Costs:	Total Project Cost: $1,000,000 (Design, Permitting, and Construction) Lake County: $500,000 District: $500,000 with $50,000 requested in FY2020 and $450,000 anticipated to be requested in future years.

Evaluation		
Application Quality:	High	Application included all of the required information identified in the CFI guidelines
Project Benefit:	High	The benefit of the project is the restoration of hydrology and enhancement of approximately 810 acres of uplands and wetlands in Pasture Reserve.
Cost Effectiveness:	High	The estimated cost/acre is below the historical average of $53,326/acre for Natural Systems Restoration.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	High	Applicant has exotic removal/treatment Program(s), maintains “nature parks” or “open space” within its park system, and the applicant has other complementary efforts that preserve or restore natural systems.
Project Readiness:	High	Project is expected to begin on or before December 1, 2019.

Strategic Goals		
Strategic Goals:	Medium	**Strategic Initiative - Conservation and Restoration**: Restoration and maintenance of natural ecosystem for the benefit of water and water-related resources.

Overall Ranking and Recommendation	
Fund as Medium Priority.	The project is cost effective and will restore 810 acres of upland and wetland natural systems and hydrology increasing aquifer recharge.

Funding

Funding Source	Prior	FY2020	Future	Total
Lake County	$0	$50,000	$450,000	$500,000
District	$0	$50,000	$450,000	$500,000
Total	$0	$100,000	$900,000	$1,000,000

Project No. Q134	Springs - Citrus Co. Homosassa East Septic to Sewer Project	
Citrus County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	The project is for the 30% design and third-party review of a regional wastewater collection system necessary for connection of existing residential homes in the Old Homosassa East area of the Homosassa-Chasshowitzka Priority Focus Area. If constructed, a minimum of 200 existing septic systems will convert to County sanitary sewer. The FY2020 funding request is to complete 30% design and third-party review which will provide the necessary information to support funding in future years to complete design, permitting and construction.
Measurable Benefit:	The contractual Measurable Benefit will be the completion of 30% design of this proposed project to construct a regional wastewater collection system.
Costs:	Total project cost: $500,000 (30% design and third party review) Citrus County share: $250,000 District share: $250,000; The conceptual estimate to complete design, permitting and construction is $15,000,000. It is anticipated that the County will request funding to complete design, permitting and construction in future years. FDEP share: $7,500,000

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	Medium	The benefit of this project, if constructed, is the reduction of pollutant loads by an estimated 1,909 lbs/yr TN. There will be no monitoring or performance testing requirements. The project is located within the Priority Focus Area (PFA) of the Chassahowitzka-Homosassa Springs basin management action plan (BMAP), a SWIM priority water body. This benefit calculation differs from the standard FDEP methodology as this project will impact the adjacent surface water body (Homosassa river) instead of the nearby spring vents.
Cost Effectiveness:	Low	For wastewater projects, the estimated cost/lb of TN ($262/lb) is higher than the cost of $176/lb for District funded water quality projects. On average, this project allocates $75,000 for each residential septic tank removed.
Past Performance:	High	Based on an assessment of the schedule and budget for the 2 ongoing projects.
Complementary Efforts:	Medium	The Cooperator has an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Fund as Medium Priority.	Requested funds are to conduct 30% design and third-party review, the results of which will provide the District with better information to confirm the cost effectiveness of the project. This project is located within the Chassahowitzka-Homosassa PFA, a SWIM priority water body and continues the County's efforts to improve water quality. The project's lower cost effectiveness is primarily due to the increased costs of extending collection and transmission facilities within the unique karst geology of the project area. Given the proximity of the project within the Homosassa Springs complex and Homosassa River, and the ability to further reduce nutrient loading to these systems, the overall project is ranked as Medium. If selected for funding, the District will only fund the project if FDEP also contributes funds and the Cooperator demonstrates appropriate controls are in place.

Funding

Funding Source	Prior	FY2020	Future	Total
Citrus County	$0	$250,000	$0	$250,000
District	$0	$250,000	$0	$250,000
FDEP	$0	$7,500,000	$0	$7,500,000
Total	$0	$8,000,000	$0	$8,000,000

Project No. Q060	Springs - Marion Co. Northwest WWTP AWT Expansion	
Marion County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Construction of a 1.50 mgd expansion and upgrade to Advanced Wastewater Treatment (AWT) standards of the County's Northwest Regional Wastewater Treatment Plant. If funded, the project will require a third-party review to provide the information necessary to support the $13.50 million dollar construction project. District and Springs funding is requested for only the construction portion of the project, as Marion County completed $1.88 million in design and permitting on their own.
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of a fully operational 1.50 mgd wastewater treatment plant that will meet AWT standards outside of the Rainbow River Springshed Priority Focus Area (PFA).
Costs:	Total project cost: $13,500,000 (Construction Only) Marion County: $3,375,000 District: $3,375,000 FDEP: $6,750,000 Total Design/Permitting/Construction Costs: $15,383,033

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI Guidelines. District PM/CM had to work with the Cooperator to obtain required information.
Project Benefit:	Low	Project is not located within a priority focus area.
Cost Effectiveness:	Low	For wastewater projects, the estimated cost/lb of TN ($289/lb) is higher than the cost of $176/lb for District funded water quality projects.
Past Performance:	Medium	Based on an assessment of the schedule and budget for the 4 ongoing projects.
Complementary Efforts:	High	The Cooperator has an existing Land Development Code (Sec. 6.16.3) which requires all new or expanded WWTPs with permitted capacities of 0.50 mgd or greater which use RIBs or sprayfields to upgrade to AWT standards.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Low	

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	The project is not recommended for funding as it is inconsistent with FY2020 CFI Guidelines which specify that wastewater treatment (including upgrades) are not eligible for CFI funding nor were these projects prioritized by the Governing Board. The project is also not within the PFA of the Rainbow Springs Basin Management Action Plan and is not cost effective.

Funding

Funding Source	Prior	FY2020	Future	Total
FDEP	$0	$6,750,000	$0	$6,750,000
District	$0	$3,375,000	$0	$3,375,000
Marion County	$0	$3,375,000	$0	$3,375,000
Total	$0	$13,500,000	$0	$13,500,000

Project No. Q065	Springs - Hernando Co. Airport WWTP AWT	
Hernando County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Design, permitting and construction of a 6 mgd upgrade to Advanced Wastewater Treatment (AWT) standards of the County's Airport Regional Wastewater Treatment Plant. If funded, the project will require a third-party review to provide the information necessary to support the $10 million dollar project.
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of a fully operational 6 mgd AWT portion of the County's wastewater treatment plant expansion which is anticipated to have a flow of 2.63 mgd and meet AWT standards inside of the Weeki Wachee Springshed Priority Focus Area (PFA). Construction will be done in accordance with the permitted plans.
Costs:	Total project cost: $10,000,000 (Design, Permitting, Construction) Hernando County: $2,500,000 District: $2,500,000 FDEP: $5,000,000

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI Guidelines. District PM/CM had to work with the Cooperator to obtain required information.
Project Benefit:	High	The benefit of this water quality project will be the reduction of pollutant loads to the PFA portion of the Weeki Wachee Springs Springshed, by an estimated 16,222 lbs/yr TN.
Cost Effectiveness:	High	For wastewater projects, the estimated cost/lb of TN ($21/lb) is below what would be considered a highly cost-effective project of $100/lb.
Past Performance:	High	Based on an assessment of the schedule and budget for the 3 ongoing projects.
Complementary Efforts:	Medium	The Cooperator has existing CIP plans (#110390 and #109470) which will upgrade to AWT standards most WWTPs with permitted capacities of 0.50 mgd or greater which use RIBs or sprayfields.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	High	**Strategic Initiative - Water Quality Maintenance and Improvement**: Develop and implement programs, projects and regulations to maintain and improve water quality. **Northern Region Priority**: Improve northern coastal spring systems.

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	This project is not recommended for funding, as it is inconsistent with FY2020 CFI Guidelines which specify that wastewater treatment (including upgrades) are not eligible for CFI funding nor did the were these projects prioritized by the Governing Board.

Funding

Funding Source	Prior	FY2020	Future	Total
FDEP	$0	$2,500,000	$2,500,000	$5,000,000
Hernando County	$0	$1,250,000	$1,250,000	$2,500,000
District	$0	$1,250,000	$1,250,000	$2,500,000
Total	$0	$5,000,000	$5,000,000	$10,000,000

Project No. Q069	Conservation - Hernando Beach District Metered Area Project	
Hernando County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Design, permitting, and construction of two master meters and the electronic advanced meter reading infrastructure necessary to monitor and assess water loss in the Hernando Beach community. This is considered a utility-based supply side conservation project, and intended to allow Hernando County to create a "district metered area" to locally monitor and correct water loss in the Hernando Beach community. The project will also include pressure reducing valves to better manage pressure and reduce water loss.
Measurable Benefit:	The Measurable Benefit, which will be the contractual requirement, is the design, permitting, and construction of two master meters, pressure reducing valves, and the electronic advanced meter reading infrastructure necessary to montior and assess water loss in the Hernando Beach community.
Costs:	Total Project Cost: $250,000 (Design, permitting, and construction); Hernando County: $125,000; District: $125,000

Evaluation

Application Quality:	High	Application included the required information identified in the CFI guidelines.
Project Benefit:	Medium	The benefit of the project is the conservation of approximately 40,000 gallons per day in reduced water loss.
Cost Effectiveness:	Medium	Project cost effectiveness is between $3 and $6 per thousand gallons saved.
Past Performance:	High	Based upon an assessment of the schedule and budget for the 3 ongoing projects.
Complementary Efforts:	Low	Cooperator per capita is above 125 gpcd.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Low	**Strategic Initiative**: None **Region Priority**: None

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	The project is not recommended for funding as it consists of customer service meter infrastructure improvements and the installation of new master meters and pressure reducing valves. This is considered operation and maintenance, and is not eligible for CFI funding.

Funding

Funding Source	Prior	FY2020	Future	Total
Hernando County	$0	$125,000	$0	$125,000
District	$0	$125,000	$0	$125,000
Total	$0	$250,000	$0	$250,000

Project No. Q092	SW IMP - Flood Protection - 67th and Riverside	
Yankeetown		FY2020
Risk Level:	Type 3	**Multi-Year Contract:** Yes, 1 of 2

Description

Description:	Design, permitting, and construction of a stormwater conveyance system in the neighborhood around the intersection of 67th Street and Riverside Drive, south of County Road 40, located between the Withlacoochee River and the Withlacoochee Gulf Preserve. This is the first recommended alternative Best Management Practices 2C of the Yankeetown Watershed Management Plan. This area experienced notable flooding during Hurricane Irma and has flooded during other recent significant rain events. FY2020 funding is to complete design and permitting.
Measurable Benefit:	The contractual Measurable Benefit will be construction of stormwater conveyance in the vicinity of 67th Street and Riverside Drive, south of County Road 40. This project will reduce roadway flooding. Construction will be done in accordance with the permitted plans.
Costs:	Total project costs: $240,000 (design, permitting, and construction) Yankeetown (REDI): $60,000; District: $180,000 with $37,500 requested in FY2020 and $142,500 anticipated to be requested in future years.

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	Low	The Resource Benefit of this project will reduce the existing flooding problem in the area of 67th Street and Riverside Drive, south of County Road 40. The project does not impact the regional or intermediate drainage system.
Cost Effectiveness:	Medium	Costs estimates appear to be reasonable based on available information.
Past Performance:	High	Based on the cooperator having no ongoing projects with the District they are ranked high.
Complementary Efforts:	Medium	Cooperator's Community Rating System class is 6 and is in the 6 to 9 range.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Low	**Strategic Initiative**: None **Region Priority**: None

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	This project will provide flood protection for street flooding; however, this project has been classified as a local stormwater system and not recommended for District funding. Yankeetown qualifies for a 75% cost share as a REDI community as defined by Florida Statute. Under District Policy 130-4, the Board can reduce the requirements for matching funds for REDI communities.

Funding

Funding Source	Prior	FY2020	Future	Total
Yankeetown	$0	$12,500	$47,500	$60,000
District	$0	$37,500	$142,500	$180,000
Total	$0	$50,000	$190,000	$240,000

Project No. Q103	Water Quality - Hernando Co Landfill Leachate Treatment	
Hernando County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Design, permitting and construction of a landfill leachate treatment facility. This would help ensure the County's Glen Wastewater Treatment Facility (WWTF) reaches Advanced Wastewater Treatment (AWT) standards in the future.
Measurable Benefit:	The contractual Measurable Benefit will be the design, permitting, and construction of a fully operational landfill leachate treatment facility to ensure the Glen WWTF meets AWT standards.
Costs:	Total project cost: $3,850,000 (Design, Permitting, Construction) Hernando County: $1,925,000 District: $1,925,000

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI Guidelines. District PM/CM had to work with the Cooperator to obtain required information.
Project Benefit:	Medium	The benefit of this water quality project will be the reduction of pollutant loads to the PFA portion of the Weeki Wachee Springs Springshed, by an estimated 6,263 lbs/yr TN. This calculation assumes that the all existing flows at the County's Glen WWTF achieve AWT standards, which is likely according to the latest County analysis, but not guaranteed.
Cost Effectiveness:	High	For wastewater projects, the estimated cost/lb of TN ($20/lb) is below what would be considered a highly cost-effective project of $100/lb.
Past Performance:	High	Based on an assessment of the schedule and budget for the 3 ongoing projects.
Complementary Efforts:	Medium	The Cooperator has existing CIP plans (#110390 and #109470) which will upgrade to AWT standards most WWTPs with permitted capacities of 0.50 mgd or greater which use RIBs or sprayfields.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Low	

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	This project is not recommended for funding, as it is inconsistent with FY2020 CFI Guidelines which specify that wastewater treatment (including upgrades) are not eligible for CFI funding nor were these projects prioritized by the Governing Board. Also, the project is considered operation and maintenance and does not guarantee the County's Glen WTP will achieve AWT standards.

Funding

Funding Source	Prior	FY2020	Future	Total
Hernando County	$0	$1,925,000	$0	$1,925,000
District	$0	$1,925,000	$0	$1,925,000
Total	$0	$3,850,000	$0	$3,850,000

Project No. Q120	Springs - Marion Co. Package Plant Removal	
Marion County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Design, permitting and construction of a municipal sewer system to connect six existing wastewater package plants to the Marion County wastewater system and decommission the package plants.
Measurable Benefit:	The contractual Measurable Benefit will be the decommissioning of six wastewater package plants and the connection to the Marion County wastewater system.
Costs:	Total project cost: $3,119,876 (design, permitting, and construction) Marion County: $283,625 FDEP: $1,559,938 District: $1,276,313

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM/CM had to work with cooperator to obtain remaining required information.
Project Benefit:	Low	The project is not located within a Priority Focus Area (PFA).
Cost Effectiveness:	High	For wastewater projects, the estimated cost/lb of TN ($95/lb) is below what would be considered a highly cost-effective project of $100/lb.
Past Performance:	Medium	Based on an assessment of the schedule and budget for 4 ongoing projects.
Complementary Efforts:	Low	The Cooperator does not have an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is expected to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Low	

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	This project is not located within the Priority Focus Area of the Rainbow Springs Basin Management Action Plan.

Funding

Funding Source	Prior	FY2020	Future	Total
Marion County	$0	$283,625	$0	$283,625
District	$0	$1,276,313	$0	$1,276,313
FDEP	$0	$1,559,938	$0	$1,559,938
Total	$0	$3,119,876	$0	$3,119,876

Project No. Q124	Springs - Marion Co. US27/NW 70th Ave Septic to Sewer Project	
Marion County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Construction of an on-site lift station, an 8" gravity sewer network and an 8" forcemain that will connect a 16-unit shopping center currently using a septic system to the County's existing 16" wastewater forcemain. The project will also include the applicable wastewater service connection fees and county wastewater capacity charges.
Measurable Benefit:	The contractual measureable benefit will be the construction of gravity and force sewer mains for the purpose of extending the County's wastewater system to current septic users.
Costs:	Total Project Cost: $558,972 (Construction) FDEP: $279,486 Marion County: $139,743 District: $139,743

Evaluation

Application Quality:	High	The application included all the required information identified in the CFI guidelines.
Project Benefit:	Low	Project is not located within a priority focus area.
Cost Effectiveness:	High	For wastewater projects, the estimated cost/lb of TN ($49/lb) is below what would be considered a highly cost-effective project of $100/lb.
Past Performance:	Medium	Based upon an assessment of the schedule and budget for 4 ongoing projects.
Complementary Efforts:	Low	The Cooperator does not have an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019

Strategic Goals

Strategic Goals:	Low	

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	This project is not located within the Priority Focus Area of the Rainbow Springs Basin Management Action Plan.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$139,743	$0	$139,743
Marion County	$0	$139,743	$0	$139,743
FDEP	$0	$279,486	$0	$279,486
Total	$0	$558,972	$0	$558,972

Project No. Q131	Springs - Marion Co. SR200 Septic to Sewer Project	
Marion County		FY2020
Risk Level:	Type 2	**Multi-Year Contract:** No

Description

Description:	Design, permittting and construction of a municipal sewer system including septic tank abandonment and necessary components. This project will provide County central sewer to areas currently served by septic tanks within the Rainbow Springs BMAP.
Measurable Benefit:	The contractual Measurable Benefit will be the construction of a municipal sanitary sewer line and any necessary components for a fully operational system that will result in the connection of a minimum of 35 septic tanks, in accordance with the permitted plans.
Costs:	Total Project Cost: $2,625,000 (Design, permitting, and construction) FDEP: $1,618,750 Marion County: $350,000 District: $656,250

Evaluation

Application Quality:	Medium	Application included most of the required information identified in the CFI guidelines. District PM had to work with Cooperator to obtain remaining required information.
Project Benefit:	Low	Project is not located within a PFA.
Cost Effectiveness:	Low	For wastewater projects, the estimated cost/lb of TN ($321/lb) is higher than the cost of $176/lb for District funded water quality projects.
Past Performance:	Medium	Based upon an assessment of the schedule and budget for the 4 ongoing projects.
Complementary Efforts:	Low	The Cooperator does not have an ordinance in line with F.S. 381.00655 to require sewage hookup within 365 days of availability.
Project Readiness:	High	Project is ready to begin on or before December 1, 2019.

Strategic Goals

Strategic Goals:	Low	

Overall Ranking and Recommendation

Low Priority, not recommended for funding.	The project is not located within the Priority Focus Area of the Rainbow Springs Basin Management Action Plan.

Funding

Funding Source	Prior	FY2020	Future	Total
District	$0	$656,250	$0	$656,250
Marion County	$0	$350,000	$0	$350,000
FDEP	$0	$1,618,750	$0	$1,618,750
Total	$0	$2,625,000	$0	$2,625,000

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 and activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act should contact the District's Human Resources Director, 2379 Broad Street, Brooksville, Florida 34604-6899; 1-352-796-7211 or 1-800-423-1476 (Florida only), extension 4702; TDD (Florida only) 1-800-231-6103; or email to ADACoordinator@swfwmd.state.fl.us