

**Board of County Commissioners
Adopted
Capital Improvement Program
Fiscal Years 2017-2021**

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Manatee County Capital Improvement Program

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Capital Improvement Program Summary

The Manatee County Comprehensive Plan (Objective 10.1.6) requires Manatee County to develop a Capital Improvement Program (CIP) that provides programming and funding of capital projects consistent with the goals, objectives and policies of the Comprehensive Plan and the Future Land Use Map, to maintain adopted level of service standards and to meet other public facility needs not dictated by level of service standards.

The Capital Improvement Program meets this requirement by providing a planned and programmed approach to utilizing the county's financial resources in the most responsive and efficient manner to meet its infrastructure, equipment and facility needs. The CIP serves as a "blueprint" for the future of the community's growth and development. It highlights the importance of capital maintenance and replacement so those needs are addressed in a timely and coordinated manner. The CIP provides a basis upon which the impact of new projects on future operating budgets can be determined. It is a dynamic tool, not a static accounting document. Under direction of the Financial Management Department, the CIP outlines an annual budget for the county's capital projects and a plan for the county's capital investments over the next five years. As defined by the Manatee County Comprehensive Plan, capital improvements include physical assets that are constructed or purchased to provide, improve, or replace a public facility, and which are large scale and high in cost. The cost of a capital improvement is generally non-recurring and may require multi-year financing. Physical assets which have been identified as existing or projected needs in the individual Comprehensive Plan elements shall be considered capital improvements. The review and revision of the CIP is consistent with the goals, objectives and policies of the Manatee County Comprehensive Plan.

The CIP differs from the Capital Improvement Element (CIE) of the Comprehensive Plan in that the CIE identifies projects and financing for projects that are required to provide services to areas of the county where growth is occurring, and in order to maintain levels of services that are required by the Comprehensive Plan. The CIP includes **all** capital projects, including many that are not related to service levels regularly required by the Comprehensive Plan.

The administration of the Five Year Capital Improvement Program and the revenue outlook establishes the guidelines for fiscal feasibility for any given project. The CIP identifies revenue sources for each planned project. Those projects for which revenues have not been identified are shown as projects of record. The CIP meets the debt financing policy

requirements contained in the county financial policies and integrates county government projects with state and other local governments when appropriate.

Manatee County's capital planning process begins in November. Departments provide capital project submissions which are reviewed and compiled in to the Recommended Budget. In the spring, the Recommended CIP is presented to the Board of County Commissioners in a public work session. After input from the community, the Board considers and adopts the Capital Improvement Program for five years and a capital budget for the ensuing year is integrated into the annual budget which is adopted after two public hearings. The CIP lists each proposed capital project, the year it will commence, the amount to be spent on the project each year until completion and the proposed sources of funding. Amounts represented in the CIP are estimated project costs and are not intended to serve as precise project budgets. Projects are financed with a combination of utility rate revenues, local gas taxes, impact fees, federal and/or state grants, user fees and general revenues. It is the policy of the Board of County Commissioners that growth pays for itself to the greatest extent possible.

The CIP provides adequate time for capital projects to be planned and designed carefully before funding is appropriated and actual construction begins. This process allows professional staff to develop and review the required plans, engineering surveys, and architectural drawings and proceed with purchasing bids and specifications in a timely manner. The lack of a capital program could result in inefficiencies in service provisions where development exceeds the ability of the government to meet infrastructure needs.

The capital improvement program serves as a valuable financial tool. It can be used to forecast future capital demands on current revenues. A CIP that includes a forecast of financial resources available for capital purposes will allow public officials and staff to match those requirements. If expected revenues are not realized, the CIP process enables the county to reevaluate project priorities and either reduce capital spending in a rational manner or defer certain projects until more funding is available. The ability to revise the capital program is particularly important when a significant portion of the capital budget is to be financed from current revenues.

Implementation of the Capital Improvement Program serves to enhance the quality of life for both present and future generations of Manatee County.

Administration of the Five Year Capital Improvement Program

1. Purpose and Intent

This section is established to provide for the applicability and effect of the Five Year Capital Improvement Program for the Manatee County Board of County Commissioners, and to set forth specific requirements and procedures related to the revision and update of the Capital Improvement Program. It is the intent of this resolution that its prescriptive provisions shall be implemented, in part, through the completion of the Capital Improvement projects as described herein.

2. Applicability

The Five Year Capital Improvement Program shall apply to capital improvement and capital maintenance projects undertaken by the County of Manatee, Florida. For the purposes of this section, the term "capital improvement project" shall mean a non-recurring expenditure of \$250,000 or more from county funds for the construction, installation, or acquisition of capital facilities, or the acquisition of interests in land.

3. Review and Revision

Each year the Five Year Capital Improvement Program shall be updated by resolution of the Board of County Commissioners. Such review and revision of the Capital Improvement Program shall be consistent with the goals, objectives, and policies of the Manatee County Comprehensive Plan.

4. Consistency of Governmental Development

- A. For the purpose of the consistency requirement of the program, the first year of the Five Year Capital Improvement Program shall apply to all capital improvement projects undertaken by the County of Manatee for which funds were or will be appropriated in Fiscal Year 2017, except as provided in paragraph D of Section 5 Administrative Provisions, or in a prior year, if the project has not been started as of October 1, 2016.

- B. Year Two of the Five Year Capital Improvement Program shall apply to all capital improvement projects for which funds will be appropriated in Fiscal Year 2018. Projects for Year Two are subject to availability of funds and subsequent appropriation of funds by the Board of County Commissioners.
- C. Years Three through Five of the Five Year Capital Improvement Program shall represent general county policy with respect to capital improvements programming, subject to review and revision on a case by case basis during each of the succeeding budget years, and subject to availability of funds.
- D. Notwithstanding Paragraphs A, B, and C above, the County of Manatee may undertake other capital improvement projects not shown in the Five Year Capital Improvement Program as follows:
 - (1) Emergencies - Such projects found by the Board of County Commissioners to be of an emergency nature may be undertaken without amendment to the program.
 - (2) Other Projects - Or, if not so found to be of an emergency nature, such projects deemed by the Manatee County Board of County Commissioners to be of higher priority than capital projects shown in the CIP may be undertaken, providing the plan is amended by resolution of the Board of County Commissioners. Budget Amendment resolutions which identify such high priority projects as additions or changes to the CIP may serve as the required resolution to amend the plan.

Provided, however, that in all cases, such projects shall be otherwise consistent with the prescriptive provisions of the Plan.

5. Administrative Provisions

- A. Capital improvements shall be deemed consistent with the Capital Improvement Program where they are consistent as to general location, scale and type of facility as provided in the CIP project description, although it need not be consistent in revenue sources or manner of operation.
- B. If funding for a project identified in the CIP as a future year project or a project of record becomes available in advance of the year for which it is planned, the Board of County Commissioners may proceed to implement that project when funding becomes available without an amendment to the Plan.

- C. Amounts shown in the CIP as estimated project costs are estimates and not intended to serve as precise project budgets. This also applies to initial appropriations for the capital projects. A precise project budget will be established for a project upon completion of the following:
- (1) Engineering and architectural plans and specifications upon which the project cost will be estimated.
 - (2) Adoption of budget amendments subsequent to completion of plans and specifications that may be necessary to properly fund the project.
- D. Budgets for projects shall be adopted by the Board of County Commissioners as provided in Resolution R-94-270 which establishes the Manatee County Budget Administration and Implementation Policy. Budget Administration Procedures as provided for under Resolution R-94-270 allow the Budget Officer or his designee to authorize the Purchasing Division to encumber items which require exception to the level of budget control established in the Budget Administration Procedures. This authorization can be given for approved projects, items previously approved for expenditure by the Board of County Commissioners, items required by law, or other expressed priorities of the Board of County Commissioners. Projects included in this CIP and previous CIP's are to be considered "approved projects" for the purpose of encumbering funds in anticipation of formal budget amendment in order to meet significant time constraints or provide for improved fiscal resource management.
- E. To the maximum extent possible, engineering and architectural plans and specifications prepared for roadway projects contained in the Capital Improvement Program will incorporate landscaping, pedestrian/bicycle facilities and other aesthetic design considerations that enhance the image of the community and reduce the impacts to adjacent land uses.
- F. This Five Year Capital Improvement Program is prepared to be consistent with the Capital Improvement Element of the Comprehensive Plan subject to any proposed amendments to the plan presented to the Board of County Commissioners. If any provisions of this resolution are not consistent with the Comprehensive Plan, then the Comprehensive Plan shall prevail over any provisions of this resolution. Projects in the Five Year Capital Improvement Element of the Comprehensive Plan may require subsequent adoption of ordinances and/or amendments to the Comprehensive Plan before the projects can be initiated.
- G. Debt service for projects funded from the proceeds of Transportation Revenue and Refunding Bonds may be

paid from Transportation Impact Fee Revenues if all applicable impact fee requirements are met.

6. Funding Sources

- A. It is the intent of the Board of County Commissioners that any project included in this program may be financed and refinanced using bond proceeds. The language in sections 6.B and 6.C below is provided to ensure that the issuance of bonds to finance projects remains as a viable alternative, even if other funding sources are used to initially finance projects.
- B. This resolution is an affirmative action of the Board towards the issuance of bonds to finance or refinance the Capital Improvement Program of the County in accordance with the laws of the State and the applicable provisions of the Internal Revenue Code of 1986, as amended and the rules and regulations of the Internal Revenue Service applicable thereto.

C. There is hereby authorized to be issued and this Board hereby determines to issue, to the extent necessary to provide financing for projects identified herein, or refinancing for such projects funded from other sources, its general obligation and revenue bonds pursuant to the laws of the state of Florida and, if required by the laws of the state, or the Constitution, a referendum vote on such general obligation bonds, for the capital improvements described in "Exhibit B" hereto in the Five Year Capital Improvement Program in one or more series and issues in aggregate principal amount of up to \$362,436,574. The authority established herein shall be implemented by subsequent resolutions of the Board of County Commissioners.

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of All Funds Plan Summary

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	302,815,033	594,942,852	0	0	0	0	0	0	594,942,852
Debt Proceeds	0	0	55,380,384	64,565,200	16,500,100	5,621,000	0	0	142,066,684
Facility Investment Fees	0	0	5,494,445	7,876,000	496,500	2,766,000	1,400,000	0	18,032,945
Florida Boating Improvement Program	0	0	0	850,000	0	0	100,000	0	950,000
Gas Taxes	0	0	3,980,000	2,197,700	1,380,600	0	0	0	7,558,300
Grants	0	0	2,626,000	0	0	0	0	0	2,626,000
Impact Fees	0	0	2,018,750	2,785,000	13,750,000	0	575,000	0	19,128,750
Other	0	0	0	0	1,300,000	0	0	0	1,300,000
Program/ General Revenue	0	0	844,835	0	0	0	0	0	844,835
Rates	0	0	27,752,627	32,315,634	25,116,135	25,848,489	40,435,175	10,665,600	162,133,660
Stormwater Capital Improvements	0	0	1,860,000	0	35,000	1,800,000	0	0	3,695,000
Tourist Development Tax	0	0	1,800,000	0	0	0	0	0	1,800,000
Utilities System Charges	0	0	1,910,000	4,744,000	1,275,000	2,087,000	0	0	10,016,000
West Coast Inland Navigational District	0	0	0	850,000	0	0	2,100,000	0	2,950,000
Total Source of Funds	302,815,033	594,942,852	103,667,041	116,183,534	59,853,335	38,122,489	44,610,175	10,665,600	968,045,026

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
General Government	43,374,769	74,293,260	3,850,319	0	0	0	0	0	78,143,579
Parks & Natural Resources	25,278,833	47,856,197	2,626,000	2,705,000	4,000,000	0	2,775,000	0	59,962,197
Potable Water	52,567,603	105,391,244	13,135,747	48,428,434	9,818,735	10,136,871	10,223,580	391,600	197,526,211
Solid Waste	4,059,383	7,498,415	1,910,000	4,744,000	1,275,000	2,087,000	0	0	17,514,415
Stormwater	27,033,412	32,313,597	3,660,000	0	35,000	1,800,000	0	0	37,808,597
Transportation	89,158,971	173,383,492	51,362,750	25,977,700	15,740,600	0	0	0	266,464,542
Wastewater	61,342,062	154,206,647	27,122,225	34,328,400	28,984,000	24,098,618	31,611,595	10,274,000	310,625,485
Total Use of Funds	302,815,033	594,942,852	103,667,041	116,183,534	59,853,335	38,122,489	44,610,175	10,665,600	968,045,026



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

General Government

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	43,374,769	74,293,260	0	0	0	0	0	0	74,293,260
Debt Proceeds	0	0	3,005,484	0	0	0	0	0	3,005,484
Program/ General Revenue	0	0	844,835	0	0	0	0	0	844,835
Total Source of Funds	43,374,769	74,293,260	3,850,319	0	0	0	0	0	78,143,579

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
General Government	43,374,769	74,293,260	3,850,319	0	0	0	0	0	78,143,579
Total Use of Funds	43,374,769	74,293,260	3,850,319	0	0	0	0	0	78,143,579



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

General Government	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
General Government									
1 911 Call Backup Center (6049808 / Existing)	61,957	225,000	0	0	0	0	0	0	225,000
2 Accela Software Project (6070210 / Existing)	40,683	990,479	0	0	0	0	0	0	990,479
3 BCC Video Security System (6086700 / Existing)	300,110	464,244	0	0	0	0	0	0	464,244
4 Building & Development Services Satellite Office - Ellenton (6088500 / Existing)	43,817	332,736	0	0	0	0	0	0	332,736
5 CAD Expansion (6083201 / Existing)	401,217	678,000	0	0	0	0	0	0	678,000
6 Central Computer Storage Upgrade (6087000 / Existing)	540,968	983,578	0	0	0	0	0	0	983,578
7 Central Library Renovation (6053104 / Existing)	327,376	390,649	0	0	0	0	0	0	390,649
8 Computer Aided Dispatch (CAD) Disaster Recovery System (6083202 / Existing)	0	100,000	0	0	0	0	0	0	100,000
9 Convention Center Fiber/WiFi Upgrade (6026320 / Existing)	76,400	262,543	0	0	0	0	0	0	262,543
10 County Financial System Upgrade (6066700 / Existing)	1,020,148	2,663,315	0	0	0	0	0	0	2,663,315
11 Detention Center Door Automation Control System Replacement (6005218 / Existing)	392,890	1,865,000	0	0	0	0	0	0	1,865,000
12 EMS Station Relocation - Station 16 (6071903 / Existing)	12,769	462,000	0	0	0	0	0	0	462,000
13 ESCO: District Cooling Plant (6005219 / Existing)	8,593,719	9,163,113	0	0	0	0	0	0	9,163,113
14 Jail Management Software System (6005226 / Existing)	1,288,785	3,400,000	0	0	0	0	0	0	3,400,000
15 MCDF - Ameresco - AC Units Replacement at Stockade (6005214 / Existing)	57,219	60,230	0	0	0	0	0	0	60,230
16 MCDF - Ameresco - Air Handling Unit Replacement (6005217 / Existing)	2,365,297	2,519,824	0	0	0	0	0	0	2,519,824
17 MCDF - Ameresco - Chiller Plant Emergency Power (6005216 / Existing)	592,008	623,166	0	0	0	0	0	0	623,166
18 MCDF - Ameresco - Chiller Plant Retrofit and Modification (6005209 / Existing)	2,232,928	2,350,450	0	0	0	0	0	0	2,350,450

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

General Government	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
19 MCDF - Ameresco - Domestic Water Conservation (6005211 / Existing)	37,006	38,954	0	0	0	0	0	0	38,954
20 MCDF - Ameresco - HVAC Controls and EMS Cost (6005213 / Existing)	294,038	309,514	0	0	0	0	0	0	309,514
21 MCDF - Ameresco - Institutional Water Conservation Controls (6005212 / Existing)	1,226,375	1,378,188	0	0	0	0	0	0	1,378,188
22 MCDF - Ameresco - Outdoor Lighting (6005210 / Existing)	187,459	197,325	0	0	0	0	0	0	197,325
23 MCDF - Ameresco - Power Transformers Replacement (6005215 / Existing)	197,123	197,123	0	0	0	0	0	0	197,123
24 MCDF - Infrastructure Equipment Upgrades (6005227 / Existing)	51,231	2,160,000	0	0	0	0	0	0	2,160,000
25 Medical Examiner Office (6071902 / Existing)	35,443	1,238,175	0	0	0	0	0	0	1,238,175
26 P-25 Radio Project (6048105 / Existing)	840,782	15,000,000	0	0	0	0	0	0	15,000,000
27 P-25 Radio Replacements (GG01437 / Requested)	0	0	3,850,319	0	0	0	0	0	3,850,319
28 Replacement/Upgrade County Internet Infrastructure (6087001 / Existing)	159,652	250,000	0	0	0	0	0	0	250,000
29 Tax Collector Annex (6073300 / Existing)	1,794,784	3,275,000	0	0	0	0	0	0	3,275,000
30 Transit Facility - Administration Building (6083902 / Existing)	7,735,301	7,893,910	0	0	0	0	0	0	7,893,910
31 Transit Facility - Covered Bus Wash (6083904 / Existing)	1,252,041	1,254,791	0	0	0	0	0	0	1,254,791
32 Transit Facility - Covered Fuel Site (6083903 / Existing)	1,963,709	1,972,888	0	0	0	0	0	0	1,972,888
33 Transit Facility - FTA Ineligible Expenses (6083907 / Existing)	717,713	1,166,417	0	0	0	0	0	0	1,166,417
34 Transit Facility - Logistics Building (6083908 / Existing)	538,834	538,835	0	0	0	0	0	0	538,835
35 Transit Facility - Transit/Fleet Maintenance Building (6083901 / Existing)	4,262,267	4,287,813	0	0	0	0	0	0	4,287,813
36 Upgrade of County Core Network (6087003 / Existing)	330,000	600,000	0	0	0	0	0	0	600,000
37 VoIP Initiative (6085600 / Existing)	3,402,720	5,000,000	0	0	0	0	0	0	5,000,000
General Government	43,374,769	74,293,260	3,850,319	0	0	0	0	0	78,143,579

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6049808	911 Call Backup Center				
Status: Existing Initial Year: 2016 District 2 Location: Judicial Center, Bradenton						
Comprehensive Plan Information		Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance						
Scope		Project Map				
Renovate Hensley Wing of Judicial Center including drywall repair, fire alarms, security, restrooms, ceilings, flooring, painting, HVAC, electrical, doors, and signage.						
Rationale						
The current 911 backup center is housed in the Public Works building and Public Works needs space for current operations.						
Funding Strategy						
General Revenues E911 Revenues						
Schedule of Activities		Programmed Funding				
Activity	From To	Expended to Date Prior Year Approp. FY2017 FY2018 FY2019 FY2020 FY2021 Future Appropriated to Date				
Design:		0 0 0 0 0 0 0 0 0				
Land:		0 0 0 0 0 0 0 0 0				
Construction:	04/26/16 12/31/17	55,982 225,000 0 0 0 0 0 0 225,000				
Equipment:		0 0 0 0 0 0 0 0 0				
Project Mgt.:	04/26/16 12/31/17	5,975 0 0 0 0 0 0 0 0				
Totals:		61,957 225,000 0 0 0 0 0 0 225,000				
Operating Budget Impacts						
	FY2018	FY2019	FY2020	FY2021	Means of Financing	
Personal:					Funding Sources Amount	
Non-Personal:					All Prior Funding 225,000	
Operating Capital:					Total Funding: 225,000	
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government			Project# 6070210		Accela Software Project						
Status: Existing Initial Year: 2015 Countywide Location: 1112 Manatee Ave. W., Bradenton											
Comprehensive Plan Information					Project Mgr: John Barnott						
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Growth				
Scope					Project Map						
Implementation of new software program to incorporate all Building and Development Services department divisions under one program. This will allow all permitting, planning, and code enforcement information to be shared between areas with information on permits, violations, land uses, and development plans to show on a parcel within the same screen. Rationale Three different systems that do not interface are currently used to perform daily functions. Upgrading to one software system for all aspects of the department enable all divisions to work together, share information, and have access to the same information. Funding Strategy Building Fund											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	01/01/17	30,636	990,479	0	0	0	0	0	0	990,479
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	01/01/17	10,047	0	0	0	0	0	0	0	0
Totals:			40,683	990,479	0	0	0	0	0	0	990,479
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						990,479
					Total Funding:						990,479

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government			Project# 6086700		BCC Video Security System						
Status: Existing Initial Year: 2014 Countywide Location: 2101 47th Terrace E, Bradenton											
Comprehensive Plan Information								Project Mgr: Tom Yarger			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope						Project Map					
This project will replace the approximately 50 DVR's presently deployed throughout the county with a central server system located at the PSC data center. New Omni-Cast video software will control this data. This system and software will be identical to the MSO video operating system. Rationale Video data, if recorded, is required to be retained for a minimum of 30 days. Currently no one is confirming this on the remote DVR's. Staff will not be able to clip video remotely if the DVR system remains. Funding Strategy General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/14	06/30/15	47,551	250,000	0	0	0	0	0	0	250,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	173,420	194,000	0	0	0	0	0	0	194,000
Equipment:	10/01/13	12/31/16	62,051	14,244	0	0	0	0	0	0	14,244
Project Mgt.:	10/01/14	12/31/16	17,088	6,000	0	0	0	0	0	0	6,000
Totals:			300,110	464,244	0	0	0	0	0	0	464,244
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						464,244
					Total Funding:						464,244

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6088500	Building & Development Services Satellite Office - Ellenton																																																																																															
Status: Existing Initial Year: 2016 District 1 Location: 4940 US 301, Ellenton																																																																																																	
Comprehensive Plan Information		Project Mgr: John Barnott																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope		Project Map																																																																																															
Satellite office for Building & Development Services, located in the Northeast section of the county. Building was formerly utilized by the Sheriff's Office, will need to be upgraded before staff can move in.																																																																																																	
Rationale																																																																																																	
With the growth Manatee County has experienced in the last 10 years, there is a need for Building & Development services to expand services and have an office closer to major construction areas.																																																																																																	
Funding Strategy																																																																																																	
Building Fund																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	02/01/16	12/31/16	0	36,736	0	0	0	0	0	0	36,736																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	02/01/16	12/31/16	20,417	296,000	0	0	0	0	0	0	296,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	02/01/16	12/31/16	23,400	0	0	0	0	0	0	0	0																																																																																						
Totals:			43,817	332,736	0	0	0	0	0	0	332,736																																																																																						
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Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6083201	CAD Expansion																																																																																															
Status: Existing Initial Year: 2015 Countywide Location: 2101 47th Terrace East, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Robert Smith																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope		Project Map																																																																																															
Provide new Computer Aided Dispatch (CAD) hardware and software to our secondary Public Safety Answering Points (PSAP's) and Holmes Beach Police Department that is compatible with the CAD system the county and Sheriff's Office are currently using. Secondary PSAP's include the City of Bradenton, City of Palmetto, Longboat Key and the Public Safety backup center.																																																																																																	
Rationale																																																																																																	
Currently, transferring of 911 calls from PSAP to PSAP results in delays of dispatching to emergency responders and the level of service to the public can vary. Consolidating the 911 call taking process to Manatee County's primary PSAP will provide consistent levels of service to both incorporated and unincorporated portions of Manatee County, improve interoperability, and provide overall cost savings.																																																																																																	
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General Revenues 911 Revenues																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
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Design:	01/01/15	12/31/17	20,304	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/01/15	12/31/17	315,493	534,200	0	0	0	0	0	0	534,200																																																																																						
Equipment:	01/01/15	12/31/17	65,420	143,800	0	0	0	0	0	0	143,800																																																																																						
Project Mgt.:	01/01/15	12/31/17	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			401,217	678,000	0	0	0	0	0	0	678,000																																																																																						
Operating Budget Impacts																																																																																																	
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No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6087000	Central Computer Storage Upgrade																																																															
Status: Existing Initial Year: 2014 Countywide Location: Countywide																																																																	
Comprehensive Plan Information		Project Mgr: Paul Alexander																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																	
Scope																																																																	
Replacement and upgrade of current computer core network system.																																																																	
Rationale																																																																	
Increase operation and efficiency of computer core network system.																																																																	
Funding Strategy																																																																	
General Revenues																																																																	
Project Map 																																																																	
Schedule of Activities		Programmed Funding																																																															
Activity	From To	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Expended to Date</th> <th style="width: 10%;">Prior Year Approp.</th> <th style="width: 10%;">FY2017</th> <th style="width: 10%;">FY2018</th> <th style="width: 10%;">FY2019</th> <th style="width: 10%;">FY2020</th> <th style="width: 10%;">FY2021</th> <th style="width: 10%;">Future</th> <th style="width: 10%;">Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Land:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Construction:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Equipment:</td> <td>08/01/14 12/31/16</td> <td>540,968</td> <td>983,578</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>983,578</td> </tr> <tr> <td>Project Mgt.:</td> <td>03/03/14 12/31/16</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Totals:</td> <td></td> <td>540,968</td> <td>983,578</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>983,578</td> </tr> </table>	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	0	0	0	0	0	0	0	0	Land:	0	0	0	0	0	0	0	0	Construction:	0	0	0	0	0	0	0	0	Equipment:	08/01/14 12/31/16	540,968	983,578	0	0	0	0	983,578	Project Mgt.:	03/03/14 12/31/16	0	0	0	0	0	0	0	Totals:		540,968	983,578	0	0	0	0	983,578
Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:	0	0	0	0	0	0	0	0																																																									
Land:	0	0	0	0	0	0	0	0																																																									
Construction:	0	0	0	0	0	0	0	0																																																									
Equipment:	08/01/14 12/31/16	540,968	983,578	0	0	0	0	983,578																																																									
Project Mgt.:	03/03/14 12/31/16	0	0	0	0	0	0	0																																																									
Totals:		540,968	983,578	0	0	0	0	983,578																																																									
Operating Budget Impacts		Means of Financing																																																															
	FY2018 FY2019 FY2020 FY2021	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 80%;">Funding Sources</th> <th style="width: 20%;">Amount</th> </tr> <tr> <td>All Prior Funding</td> <td style="text-align: right;">983,578</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">983,578</td> </tr> </table>	Funding Sources	Amount	All Prior Funding	983,578	Total Funding:	983,578																																																									
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No.of Positions:	0 0 0 0																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6053104	Central Library Renovation									
Status: Existing Initial Year: 2015 District 2 Location: 1301 Barcarrota Boulevard West, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Renovate the Central Library to include cabling, wiring, duct cleaning, bathrooms, signage and fire alarm and sprinkler upgrades and maintenance. Replacement/renovations of study rooms, kitchen, conference rooms, book areas, auditorium flooring, youth areas and labs. Paint the interior and exterior of the building, and add WiFi capabilities throughout the library.											
Rationale											
Central Library renovations to upgrade the Central Library with WiFi connectivity, update wiring and fire alarms and sprinklers to code, and general updates to the interior and exterior of the Central Library to improve the patron's experience at the library.											
Funding Strategy											
General Revenues Library Revenues											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	02/01/15	12/31/16	174,640	362,149	0	0	0	0	0	0	362,149
Equipment:	01/31/15	12/31/16	3,162	28,500	0	0	0	0	0	0	28,500
Project Mgt.:	02/01/15	12/31/16	149,575	0	0	0	0	0	0	0	0
Totals:			327,376	390,649	0	0	0	0	0	0	390,649
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						390,649
					Total Funding:						390,649

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6083202	Computer Aided Dispatch (CAD) Disaster Recovery System									
Status: Existing Initial Year: 2016 Countywide Location: Public Safety Center, Bradenton											
Comprehensive Plan Information		Project Mgr: Robert Smith									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Implement disaster recovery system for the Computer Aided Dispatch (CAD) project so that if something happens to the Public Safety Center there would be a backup system.											
Rationale											
The CAD system, located at the Public Safety Center, includes software to enter and dispatch 911 calls. It also includes many interfaces including alerting systems, protocols for answering 911 calls, mobile software in ambulances, fire trucks and Sheriff vehicles. The backup system will be located in the Manatee County Administration Building.											
Funding Strategy											
General Revenues											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/17	0	100,000	0	0	0	0	0	0	100,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	100,000	0	0	0	0	0	0	100,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	190,000	190,000	190,000	190,000							
Operating Capital:											
Operating Total:	190,000	190,000	190,000	190,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						100,000
					Total Funding:						100,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6026320	Convention Center Fiber/WiFi Upgrade
Status: Existing Initial Year: 2016 District 1 Location: One Haben Boulevard, Palmetto		
Comprehensive Plan Information		Project Mgr: Elliott Falcione
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope

Provide for direct connection to the county fiber network to the Bradenton Area Convention Center to provide expanded capabilities to the buildings internet access. Installation of fiber and conduit, and upgrade of WiFi access points throughout the building. The project will also expand capacity to current switching and routing equipment.

Project Map



Rationale

Events being booked require better connectivity. The current system is unable to handle demand. Additionally, the Civic Center is a designated secondary site in the event of certain emergencies.

Funding Strategy

Civic Center Revenues

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Appropriated to Date
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	
Design:	04/28/16	12/31/17	18,373	262,543	0	0	0	0	0	0	262,543
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/28/16	12/31/17	50,508	0	0	0	0	0	0	0	0
Equipment:			7,518	0	0	0	0	0	0	0	0
Project Mgt.:	04/28/16	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			76,400	262,543	0	0	0	0	0	0	262,543

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	262,543
Total Funding:	262,543

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6066700	County Financial System Upgrade									
Status: Existing Initial Year: 2015 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Paul Alexander									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope		Project Map									
Upgrade/replacement of current financial operating system. The current software application is used throughout the county by all departments and most constitutional offices (Clerk of Court, Property Appraiser and Sheriff). The upgraded application will process all financial transactions, including payroll, budgeting, fixed assets, purchasing, reporting, accounts payable, and billing/receivables.											
Rationale											
The current software system, IFAS, is no longer supported by the vendor. Updates, fixes and modifications are no longer available. Upgrading to a new system will enable better utilization of system technology and provide users with a more dependable software system with improved capabilities.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	02/01/17	124,278	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/17	779,369	2,663,315	0	0	0	0	0	0	2,663,315
Equipment:			82,500	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/17	34,002	0	0	0	0	0	0	0	0
Totals:			1,020,148	2,663,315	0	0	0	0	0	0	2,663,315
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	125,000	125,000	0	0							
Operating Capital:											
Operating Total:	125,000	125,000	0	0							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,663,315
					Total Funding:						2,663,315

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005218	Detention Center Door Automation Control System Replacement

Status: Existing Initial Year: 2014 District 1 Location: 14470 Harlee Road, Palmetto

Comprehensive Plan Information

Project Mgr: **Tom Yarger**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Replacement of the GEM 80 door locking and camera call up control system. Building-wide private networked locking and operational control software system. System operates doors and cameras throughout the jail complex.

Project Map



Rationale

This system was an original component installation in the main jail when it was constructed. It has since been expanded to the jail annex facility. As of June 2012, General Electric will no longer manufacture replacement parts and has declared the GEM 80 control system obsolete.

Funding Strategy

Debt Proceeds
General Revenues

Schedule of Activities			Programmed Funding								Appropriated to Date
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	
Design:	05/01/14	10/31/14	94,200	400,000	0	0	0	0	0	0	400,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	09/30/16	160,220	1,453,000	0	0	0	0	0	0	1,453,000
Equipment:	04/01/14	09/30/16	137,895	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	575	12,000	0	0	0	0	0	0	12,000
Totals:			392,890	1,865,000	0	0	0	0	0	0	1,865,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	1,865,000
Total Funding:	1,865,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6071903	EMS Station Relocation - Station 16																																																																																															
Status: Existing Initial Year: 2016 District 2 Location: Manatee Memorial Hospital																																																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Deficiency																																																																																																	
Scope																																																																																																	
Remodel second floor and a portion of the first floor of the Medical Examiner's proposed new site. Elevator, code compliant stairs and separate HVAC system will be included, as well as office spaces, dormitory, kitchen, living area, training room and restrooms.																																																																																																	
Rationale																																																																																																	
Currently, EMS Station 16 is located in Manatee Memorial Hospital, and the station has been notified of the hospitals intention to demolish the current space. There is available space at the proposed new Medical Examiners Office, after renovations.																																																																																																	
Funding Strategy																																																																																																	
General Revenues Debt Proceeds																																																																																																	
Project Map 																																																																																																	
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Design:	07/01/16	01/01/17	0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/01/17	12/31/17	12,769	462,000	0	0	0	0	0	0	462,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	07/01/16	12/31/17	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			12,769	462,000	0	0	0	0	0	0	462,000																																																																																						
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Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005219	ESCO: District Cooling Plant																																																																																															
Status: Existing Initial Year: 2014 District 2 Location: 323 9th Street West, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope To provide a stand alone 1,000 ton water chiller plant in downtown Bradenton. Cooling towers will be located on the roof, and there will be an additional bay for a future 500 ton water cooled chiller. Project Map 																																																																																																	
Rationale A chiller generates chilled water used by many large buildings to provide air conditioning. A central chiller plant houses larger, efficient chillers and distributes chilled water to affected buildings through underground piping. This central chiller plant allows connected buildings to eliminate the need for individual chillers, decreases a significant amount of electrical loads on connected buildings, makes more space available, and offers more efficient operations.																																																																																																	
Funding Strategy Debt Proceeds General Revenues																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
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Design:	05/01/14	12/31/16	0	0	0	0	0	0	0	0	0																																																																																						
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Project Mgt.:	05/01/14	12/31/16	0	0	0	0	0	0	0	0	0																																																																																						
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005226	Jail Management Software System																																																															
Status: Existing Initial Year: 2015 District 1 Location: Manatee County Detention Facility																																																																	
Comprehensive Plan Information		Project Mgr: Tom Salisbury																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																	
Scope		Project Map																																																															
Replace aging jail management system with new system that provides an efficient way to track and report on all aspects of an inmate's confinement. The new software system will improve jail operations, inmate tracking and data collection by including tracking tools such as bar coding, mug shot integration, and the utilization of hand held devices for information recording and other observations, which will automatically download in to the databases.																																																																	
Rationale																																																																	
Increase efficiency by making critical information and data accessible across all public safety software. Powerful technology keeps information connected, corrections officers informed and inmates secure.																																																																	
Funding Strategy																																																																	
Debt Proceeds																																																																	
Schedule of Activities		Programmed Funding																																																															
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Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
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Construction:	10/01/14 12/31/16	1,288,785	3,400,000	0	0	0	0	3,400,000																																																									
Equipment:	10/01/14 12/31/16	0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/14 12/31/17	0	0	0	0	0	0	0																																																									
Totals:		1,288,785	3,400,000	0	0	0	0	3,400,000																																																									
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No.of Positions:	0	0	0	0																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

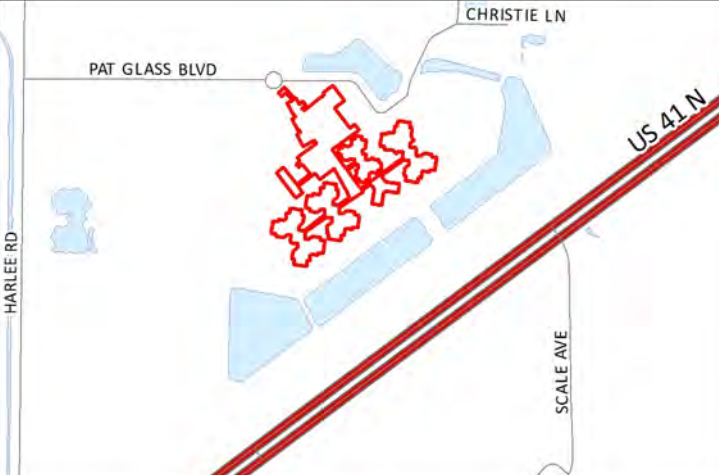
General Government	Project# 6005214	MCDF - Ameresco - AC Units Replacement at Stockade																																																															
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																															
Scope		Project Map																																																															
Ameresco proposes to conserve energy while maintaining acceptable levels of relative humidity conditions at the Manatee County Stockade Building A. The opportunities include replacing two 10 ton constant volume package rooftop units with variable speed compressor-variable air volume package rooftop units. Ameresco proposes to replace two aging 10 tons package units with new variable compressor-variable air volume rooftop package units. Ameresco proposes to replace two aging 10 ton package units with new variable compressor-variable air volume rooftop package units.																																																																	
Rationale																																																																	
The proposed air conditioning system is extremely efficient at part load conditions, where the Stockade Building A load actually functionally operates. Additionally, the proposed system is very good at maintaining a very tight temperature and relative humidity control, as both, compressor and supply air fans adapt to the right amount of load capacity demanded by the space. The proposed unit model has an EER of 12.5 and SEER above 17.																																																																	
Funding Strategy																																																																	
General Revenues																																																																	
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No. of Positions:	0	0	0	0																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005217	MCDF - Ameresco - Air Handling Unit Replacement																																																															
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																															
Scope		Project Map																																																															
Ameresco proposes to reduce energy and maintenance costs at the Manatee County Government Detention Facility by replacing 33 rooftop air handling units. Ameresco proposes to replace 33 rooftop air conditioning systems at the Manatee County Main Jail with equivalent new units, replace chilled water control valves and install new relative humidity and Carbon Dioxide (CO2) sensors. The new units will have 2 inch, double wall, 6 inch integral base frame and new curve adaptors. Additionally, the new air handling units will be provided with premium efficiency motors, with an estimated motor efficiency at 90%.																																																																	
Rationale																																																																	
The new units will dramatically reduce equipment down time and repair costs for Manatee County, along with allowing maintenance personnel to be utilized for preventive, reactive, and scheduled repair and maintenance activities at the Jail. New chilled water control valves will provide better control of the chilled water loop and the conditioned space. Strategies to reset discharge air temperature and supply air blower reset will be implemented, resulting in energy consumption optimization and better relative humidity control of the conditioned space.																																																																	
Funding Strategy																																																																	
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Schedule of Activities		Programmed Funding																																																															
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Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	04/01/14 12/31/16	2,318,363	2,469,824	0	0	0	0	2,469,824																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/13 12/31/16	46,934	50,000	0	0	0	0	50,000																																																									
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005216	MCDF - Ameresco - Chiller Plant Emergency Power
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility		
Comprehensive Plan Information		Project Mgr: Tom Yarger
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

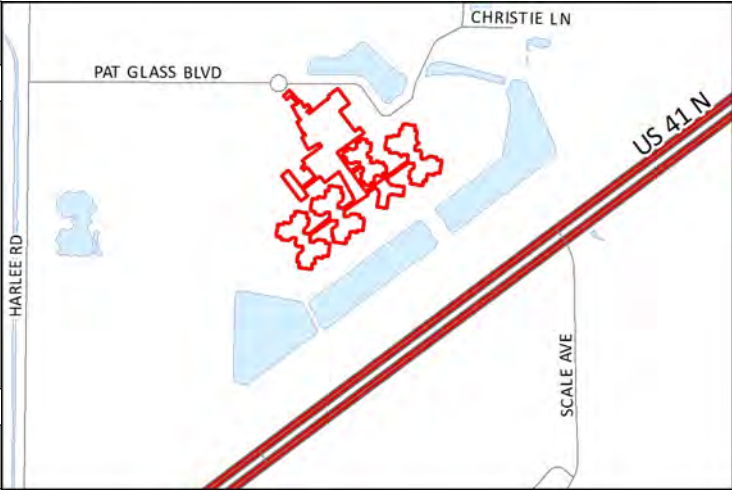
Scope	Project Map
Installation of an existing county-owned emergency power generator, providing all electrical connections and equipment required to operate the new 200 ton chiller on emergency power. Install an existing county-owned 500 kW emergency generator at the Manatee County Central Detention Facility. Provide new concrete block building or concrete pad for proper installation of generator. Provide and install all necessary connections including electrical and diesel fuel. Provide and install 500 kW's Automatic Transfer Switch (ATS). Provide and install new motor control center to be connected to new transfer switch (all 480V equipment) 200 ton (150 kW chiller), Primary Chilled Water Pump (CHWP), Secondary CHWP on VFD, Condenser Water Pump (CWP), and Cooling Tower Fan on VFD. Provide and install all wiring and conduit from the generator area to the existing electrical panel serving loads described. Provide any electrical gear and/or devices needed for proper switching to/from emergency power for electrical loads described.	
Rationale	
Ameresco will provide all necessary electrical equipment to operate the smallest of the three chillers in order to provide partial cooling to the main Jail. Provide emergency power to selected portions of the chiller plant equipment.	
Funding Strategy	
General Revenues	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	580,323	610,866	0	0	0	0	0	0	610,866
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	11,685	12,300	0	0	0	0	0	0	12,300
Totals:			592,008	623,166	0	0	0	0	0	0	623,166

Operating Budget Impacts				
	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	623,166
Total Funding:	623,166

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government			Project# 6005209		MCDF - Ameresco - Chiller Plant Retrofit and Modification						
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility											
Comprehensive Plan Information					Project Mgr: Tom Yarger						
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Maintenance				
Scope					Project Map						
Replace 3 existing chillers and cooling towers with higher efficiency units, and perform significant piping modifications at the MCG Detention Facility.											
Rationale											
Reduce the chiller plant bypass and install an automatic control valve to avoid over pumping through the primary loop, thereby minimizing the energy used by the primary chilled water pumps. Additional pressure ports will be added at two points on the chilled water secondary loop (at rooms J-210 and G1-210), in order to relocate the secondary loop differential pressure control away from the secondary pumps. These new port locations will be advantageous for sensing the actual need for chilled water. A main header will be installed outside of the mechanical room, such that any chiller will be able to operate with any other cooling tower. Installation of a temporary chiller connection outside of the chiller mechanical room will facilitate quick connection of mechanical piping and electrical service.											
Funding Strategy											
General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	1,220,723	1,105,450	0	0	0	0	0	0	1,105,450
Equipment:			969,455	1,200,000	0	0	0	0	0	0	1,200,000
Project Mgt.:	10/01/13	12/31/16	42,750	45,000	0	0	0	0	0	0	45,000
Totals:			2,232,928	2,350,450	0	0	0	0	0	0	2,350,450
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,350,450
					Total Funding:						2,350,450

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005211	MCDF - Ameresco - Domestic Water Conservation																																																															
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																															
Scope		Project Map																																																															
Ameresco proposes to reduce domestic water consumption in the Manatee County Government Detention Center bathrooms by replacing standard flow toilet flush valves and retrofit urinals with lower flow flush valves. Replace mechanical steam traps and the existing commercial type water fixtures with new water-saving fixtures, where applicable.																																																																	
Rationale																																																																	
The county has many old non-energy efficient fixtures, and it is in our best interest to replace with new energy-efficient devices in order to realize the maximum cost savings while minimizing our environmental impact.																																																																	
Funding Strategy																																																																	
General Revenues																																																																	
Schedule of Activities		Programmed Funding																																																															
Activity	From To	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Design:</td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Land:</td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Construction:</td> <td style="text-align: center;">04/01/14 12/31/16</td> <td style="text-align: center;">36,246</td> <td style="text-align: center;">38,154</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">38,154</td> </tr> <tr> <td style="text-align: center;">Equipment:</td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Project Mgt.:</td> <td style="text-align: center;">10/01/13 12/31/16</td> <td style="text-align: center;">760</td> <td style="text-align: center;">800</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">800</td> </tr> <tr> <td style="text-align: center;">Totals:</td> <td></td> <td style="text-align: center;">37,006</td> <td style="text-align: center;">38,954</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">38,954</td> </tr> </tbody> </table>	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:		0	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:	04/01/14 12/31/16	36,246	38,154	0	0	0	0	38,154	Equipment:		0	0	0	0	0	0	0	Project Mgt.:	10/01/13 12/31/16	760	800	0	0	0	0	800	Totals:		37,006	38,954	0	0	0	0	38,954
Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	04/01/14 12/31/16	36,246	38,154	0	0	0	0	38,154																																																									
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Project Mgt.:	10/01/13 12/31/16	760	800	0	0	0	0	800																																																									
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005213	MCDF - Ameresco - HVAC Controls and EMS Cost		
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility				
Comprehensive Plan Information			Project Mgr: Tom Yarger	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Add control points and changing sequences of operation of the existing air conditioning control system. Upgrading the existing controls system for the chiller plant from a constant volume primary-variable volume secondary to a variable volume primary-secondary configuration. Replace the cooling tower motor control to variable speed, providing isolation valves for the chillers and cooling towers to function in a parallel configuration. Retrofit selected air handling units and add variable frequency drives to allow for better control of the humidity and quality of indoor environment. Exhaust fans will be controlled to allow individual air handling units to be turned off during unoccupied hours.	
Rationale	
The county has many old non-energy efficient fixtures, and it is in our best interest to replace with new energy-efficient devices to realize the maximum cost savings while minimizing our environmental impact.	
Funding Strategy	
General Revenues	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	288,338	303,514	0	0	0	0	0	0	303,514
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	5,700	6,000	0	0	0	0	0	0	6,000
Totals:			294,038	309,514	0	0	0	0	0	0	309,514

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	309,514
Non-Personal:					Total Funding:	309,514
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005212	MCDF - Ameresco - Institutional Water Conservation Controls									
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility											
Comprehensive Plan Information								Project Mgr: Tom Yarger			
CIE Project: No			LOS/Concurrency: No			Plan Reference:		Project Need: Maintenance			
Scope						Project Map					
Install automatic water conservation controls. Retrofit toilets with low flow flush valves and modify lavatory faucets with low flow aerators. Replace existing showerheads with low flow shower heads. Install an Intelligence Conservation Systems (I-CON) control system to monitor and control the duration, flow and frequency of use of water-consuming fixtures. By activating or deactivating showers, lavatories and toilets with electronic devices the plumbing fixtures can be controlled by the facility staff.											
Rationale											
The county has many old non-energy efficient fixtures, and it is in our best interest to replace with new energy-efficient devices in order to realize the maximum cost savings while minimizing our environmental impact. I-CON plumbing control products provide greater control of the plumbing fixtures to those correctional officers operating the facility and less control to the inmates by replacing existing standard plumbing components with externally controllable components.											
Funding Strategy											
General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	1,202,967	1,352,188	0	0	0	0	0	0	1,352,188
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	23,408	26,000	0	0	0	0	0	0	26,000
Totals:			1,226,375	1,378,188	0	0	0	0	0	0	1,378,188
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,378,188
					Total Funding:						1,378,188

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005210	MCDF - Ameresco - Outdoor Lighting																																																															
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																															
Scope		Project Map																																																															
Comprehensive upgrade of the existing outdoor lighting systems at the Detention Center and Stockade facilities. Replace/retrofit existing fixtures with high efficiency new T5 fluorescent fixtures, LED fixtures or ceramic metal halides with high frequency ballasts (excludes interior lighting system already updated). Upgrades will comply with Illuminating Engineering Society of North America Lighting (IESNA) standards.																																																																	
Rationale																																																																	
The county has many old non-energy efficient fixtures, and it is in our best interest to replace with new energy-efficient devices in order to realize the maximum cost savings while minimizing our environmental impact. The LED color rendition index is superior to the existing technology. Overall, the new LED fixtures will provide better illumination and improved safety. The ceramic metal halide technology has a much higher color rendition index, which means a much better quality of light. The ceramic metal halide lamps with high-frequency ballasts will provide an increase in lumen maintenance (a less steep/flatter depreciation curve) compared to the traditional Probe Start Metal Halide technology, which means the light levels will remain higher for a longer period of time.																																																																	
Funding Strategy																																																																	
General Revenues																																																																	
Schedule of Activities		Programmed Funding																																																															
Activity	From To	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> <tr> <td style="text-align: center;">Design:</td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Land:</td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Construction:</td> <td style="text-align: center;">04/01/14 12/31/16</td> <td style="text-align: center;">183,754</td> <td style="text-align: center;">193,425</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">193,425</td> </tr> <tr> <td style="text-align: center;">Equipment:</td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Project Mgt.:</td> <td style="text-align: center;">10/01/13 12/31/16</td> <td style="text-align: center;">3,705</td> <td style="text-align: center;">3,900</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">3,900</td> </tr> <tr> <td style="text-align: center;">Totals:</td> <td></td> <td style="text-align: center;">187,459</td> <td style="text-align: center;">197,325</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">197,325</td> </tr> </table>	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:		0	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:	04/01/14 12/31/16	183,754	193,425	0	0	0	0	193,425	Equipment:		0	0	0	0	0	0	0	Project Mgt.:	10/01/13 12/31/16	3,705	3,900	0	0	0	0	3,900	Totals:		187,459	197,325	0	0	0	0	197,325
Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	04/01/14 12/31/16	183,754	193,425	0	0	0	0	193,425																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/13 12/31/16	3,705	3,900	0	0	0	0	3,900																																																									
Totals:		187,459	197,325	0	0	0	0	197,325																																																									
Operating Budget Impacts																																																																	
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Personal:					Funding Sources																																																												
Non-Personal:					Amount																																																												
Operating Capital:					All Prior Funding																																																												
Operating Total:					Total Funding:																																																												
No. of Positions:	0	0	0	0																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6005215	MCDF - Ameresco - Power Transformers Replacement									
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility											
Comprehensive Plan Information			Project Mgr: Tom Yarger								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance							
Scope		Project Map									
Replace several existing step-down transformers with new energy-efficient transformers that step-down (transform) 480 volt power to 208Y/120 volt power.											
Rationale											
The county has many old non-energy efficient fixtures which should be replaced with new energy-efficient devices to realize the maximum cost savings while minimizing environmental impact. The Powersmiths E-SAVER model C3L transformers proposed for this energy conservation measure are designed to increase efficiency of the electricity transformation. They have been independently validated at Oak Ridge National Lab, a US Department of Energy test facility, to run at 98% efficiency under a single-phase nonlinear load profile, which is a dramatic improvement over traditional transformers. The new transformers reduce losses by 55% to 85%, and are more efficient than existing transformers. They are designed using advanced CAD (Computer Aided Design) software that permits tuning of the transformers for best performance. They utilize Nomex based insulation with epoxy copolymer for better adhesion, longer life, and more long term insulation value.											
Funding Strategy											
General Revenues											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	193,123	193,123	0	0	0	0	0	0	193,123
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	4,000	4,000	0	0	0	0	0	0	4,000
Totals:			197,123	197,123	0	0	0	0	0	0	197,123
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources		Amount				
					All Prior Funding		197,123				
					Total Funding:		197,123				

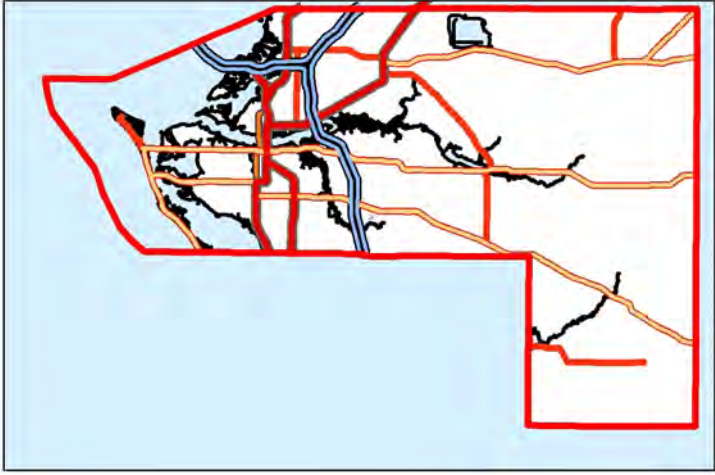
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government			Project# 6005227		MCDF - Infrastructure Equipment Upgrades						
Status: Existing Initial Year: 2015 District 1 Location: Manatee County Detention Facility											
Comprehensive Plan Information								Project Mgr: Tom Yarger			
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
Construction of 12,000 sf metal storage building to house freezer storage and dry good storage at the Manatee County Detention Facility. Includes freezers, dry storage, and office. Rationale The MSO has identified this facility as necessary to replace leased freezer trucks to accommodate food storage needs for the facility. Funding Strategy General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	12/31/16	45,871	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/16	3,034	2,160,000	0	0	0	0	0	0	2,160,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	2,325	0	0	0	0	0	0	0	0
Totals:			51,231	2,160,000	0	0	0	0	0	0	2,160,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	5,000	5,000	5,000	0							
Operating Capital:											
Operating Total:	5,000	5,000	5,000	0							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,160,000
					Total Funding:						2,160,000

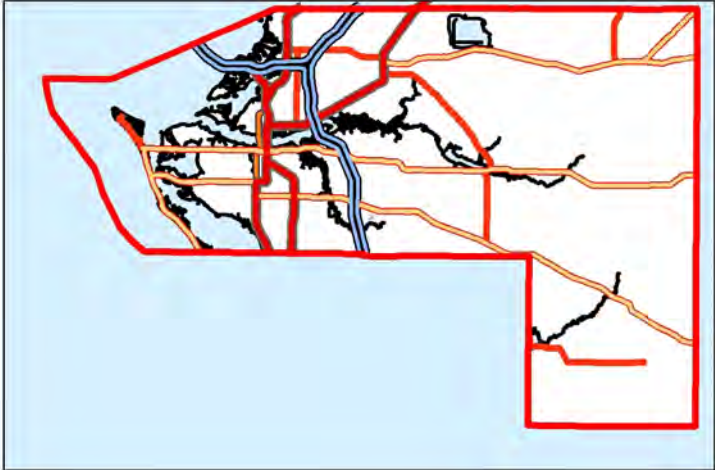
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6071902	Medical Examiner Office																																																																																															
Status: Existing Initial Year: 2016 Countywide Location: 202 East 6th Avenue, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Deficiency																																																																																																	
<u>Scope</u> Demolish a portion of the current Natural Resources building and construct new Medical Examiner office to include an intake area, coolers, autopsy room, viewing room, locker room and shower, offices, and storage. The HVAC system for the entire building will be replaced with a contained HVAC system, electrical room and fire suppression. <u>Rationale</u> The current Medical Examiner's Office is too small for current needs, and is outdated and not sufficient to meet the increased demand for services. <u>Funding Strategy</u> General Revenues Project Map 																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;"><u>Schedule of Activities</u></th> <th colspan="8" style="text-align: left;"><u>Programmed Funding</u></th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>07/01/16</td> <td>01/01/17</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Construction:</td> <td>01/01/17</td> <td>12/31/17</td> <td style="text-align: right;">33,793</td> <td style="text-align: right;">1,238,175</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,238,175</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>07/01/16</td> <td>12/31/17</td> <td style="text-align: right;">1,650</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">35,443</td> <td style="text-align: right;">1,238,175</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,238,175</td> </tr> </tbody> </table>			<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	07/01/16	01/01/17	0	0	0	0	0	0	0	0	0	Land:			0	0	0	0	0	0	0	0	0	Construction:	01/01/17	12/31/17	33,793	1,238,175	0	0	0	0	0	0	1,238,175	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	07/01/16	12/31/17	1,650	0	0	0	0	0	0	0	0	Totals:			35,443	1,238,175	0	0	0	0	0	0	1,238,175
<u>Schedule of Activities</u>			<u>Programmed Funding</u>																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	07/01/16	01/01/17	0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/01/17	12/31/17	33,793	1,238,175	0	0	0	0	0	0	1,238,175																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	07/01/16	12/31/17	1,650	0	0	0	0	0	0	0	0																																																																																						
Totals:			35,443	1,238,175	0	0	0	0	0	0	1,238,175																																																																																						
<u>Operating Budget Impacts</u>																																																																																																	
	FY2018	FY2019	FY2020	FY2021		<u>Means of Financing</u>																																																																																											
Personal:						<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: right;">Amount</th> </tr> <tr> <td>All Prior Funding</td> <td style="text-align: right;">1,238,175</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">1,238,175</td> </tr> </table>		Funding Sources	Amount	All Prior Funding	1,238,175	Total Funding:	1,238,175																																																																																				
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Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6048105	P-25 Radio Project									
Status: Existing Initial Year: 2015 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Paul Alexander									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Replace current emergency radio system, including radio towers and equipment to support radio communications for Public Safety, Public Works, Utilities, Manatee County Sheriff's Office, Fire Departments, Port Manatee, and other municipal and emergency related agencies.											
Rationale											
Current radio technology and regulation by the FCC has made much of the existing system obsolete with most of the current equipment not able to operate in the new environment. This is a joint venture with Sarasota County to create a system with current technology with improved service provision throughout the two counties.											
Funding Strategy											
Debt Proceeds											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	09/30/19	787,967	1,671,000	0	0	0	0	0	0	1,671,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	09/30/19	52,815	5,373,000	0	0	0	0	0	0	5,373,000
Equipment:	10/01/14	09/30/19	0	7,956,000	0	0	0	0	0	0	7,956,000
Project Mgt.:	10/01/14	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			840,782	15,000,000	0	0	0	0	0	0	15,000,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						15,000,000
					Total Funding:						15,000,000

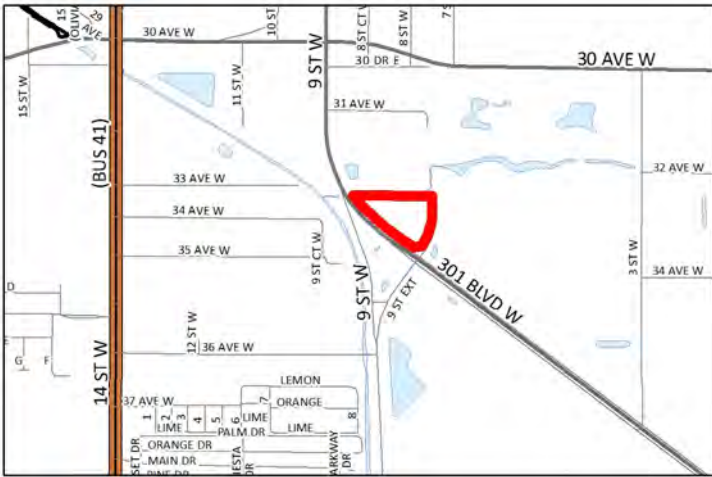
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# GG01437	P-25 Radio Replacements									
Status: Requested Initial Year: 2017 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Paul Alexander									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Purchase approximately 2,300 radios for the BCC and MSO, for use with the P-25 Radio Project. The new radios will be fully capable of utilizing all capabilities of the P-25 Radio System. This project will not provide radios for other users - each entity will be responsible for the purchase of their own radios.											
Rationale											
Manatee and Sarasota Counties have partnered under an Interlocal Agreement for the implementation of a Regional P25 Public Safety Radio System. Specific to Manatee County, this system will be used by a wide variety of governmental entities including Law Enforcement, Emergency Medical Services, Fire Departments, BOCC Agencies, and Port Manatee. Currently, approximately 70% of the radios in use are at end-of-life; some will support the P25 standards, some require an upgrade, and some won't support the standards at all.											
Funding Strategy											
Debt Proceeds Radio Fund Program Revenues											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:			0	0	0	0	0	0	0	0	0
Equipment:	10/01/16	12/31/18	0	0	3,850,319	0	0	0	0	0	3,850,319
Project Mgt.:	10/01/16	12/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	3,850,319	0	0	0	0	0	3,850,319
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						3,005,484
					Program/ General Revenue						844,835
					Total Funding:						3,850,319

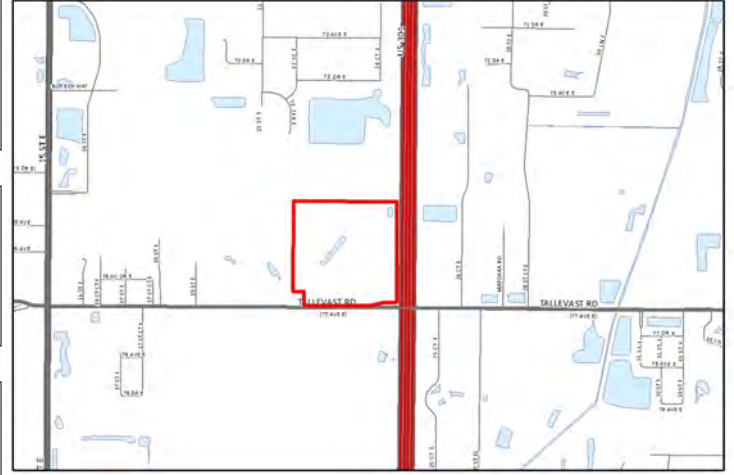
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6087001	Replacement/Upgrade County Internet Infrastructure									
Status: Existing Initial Year: 2014 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Paul Alexander									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replacement of aging and obsolete internet infrastructure of the county, including hardware and software.											
Rationale											
Increase internet efficiency and capability.											
Funding Strategy											
General Revenues											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/14	12/31/16	11,606	0	0	0	0	0	0	0	0
Equipment:	06/01/14	12/31/16	148,045	250,000	0	0	0	0	0	0	250,000
Project Mgt.:	03/03/14	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			159,652	250,000	0	0	0	0	0	0	250,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						250,000
					Total Funding:						250,000

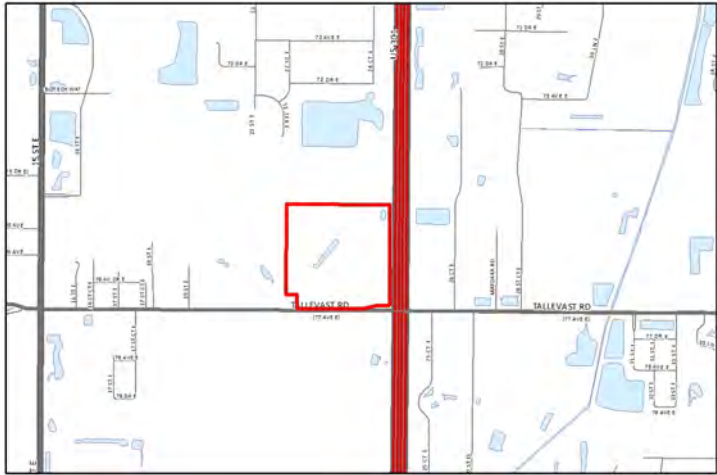
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government			Project# 6073300		Tax Collector Annex						
Status: Existing Initial Year: 2015 District 2 Location: 904 W 301 Blvd. E., Bradenton											
Comprehensive Plan Information					Project Mgr: Tom Yarger						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Growth						
Scope					Project Map						
Purchase property located at 904 W 301 Blvd., Bradenton. This property was formerly an ABC liquor store. Construct building for Tax Collector Annex.											
Rationale											
The Tax Collector requires additional space due to increasing requirements for service offerings such as driver's license operations.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	04/01/15	09/30/15	193,435	100,000	0	0	0	0	0	0	100,000
Land:	10/01/14	09/30/15	178,096	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/16	1,406,428	3,175,000	0	0	0	0	0	0	3,175,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	16,825	0	0	0	0	0	0	0	0
Totals:			1,794,784	3,275,000	0	0	0	0	0	0	3,275,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021	Means of Financing						
Personal:					Funding Sources					Amount	
Non-Personal:					All Prior Funding					3,275,000	
Operating Capital:					Total Funding:					3,275,000	
Operating Total:											
No.of Positions:	0	0	0	0							

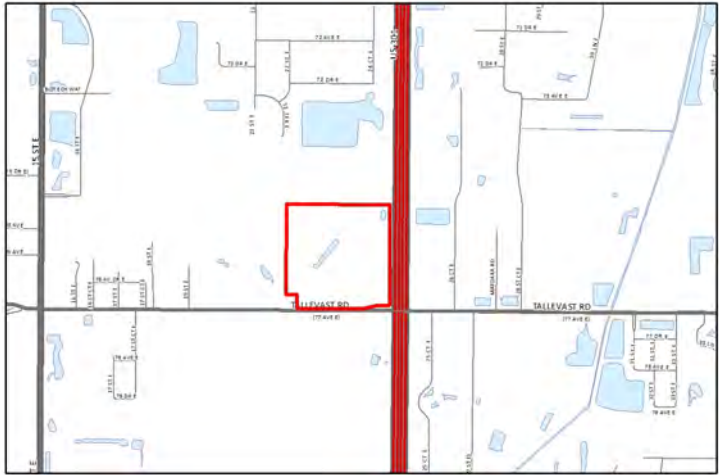
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6083902	Transit Facility - Administration Building									
Status: Existing Initial Year: 2012 District 4 Location: 2411 Tallevast Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
A new 12,000 square foot pre-engineered metal building with a wall cladding of masonry and metal wall panels, a metal roof, administrative / operations offices, dispatch area, fare recovery space, training and support areas, restrooms, showers and break room amenities.											
Rationale											
Provide safe, efficient work area for administration, operations, and dispatch personnel, and provide sufficient training and break areas. Provide secure area for fare recovery operations to increase speed and efficiency of operations.											
Funding Strategy											
Federal Transit Administration Grant											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/14	09/01/14	138,016	138,016	0	0	0	0	0	0	138,016
Land:			0	0	0	0	0	0	0	0	0
Construction:	12/01/14	10/31/16	7,520,414	7,600,393	0	0	0	0	0	0	7,600,393
Equipment:	12/01/14	08/01/16	0	97,180	0	0	0	0	0	0	97,180
Project Mgt.:	08/17/12	10/31/16	76,871	58,321	0	0	0	0	0	0	58,321
Totals:			7,735,301	7,893,910	0	0	0	0	0	0	7,893,910
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						7,893,910
					Total Funding:						7,893,910

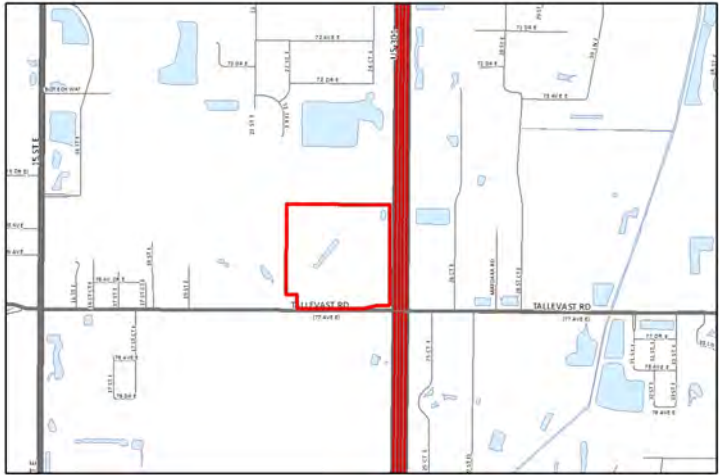
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6083904	Transit Facility - Covered Bus Wash									
Status: Existing Initial Year: 2012 District 4 Location: 2411 Tallevast Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construct an 1,800 square foot bus wash with a two lane staging area with cleaning equipment, a spare parts room and storage areas for supplies.											
Rationale											
Provide enhanced covered bus wash area to increase speed and efficiency of bus wash capabilities and provide storage and parts areas closer to the bus wash to facilitate location of needed items.											
Funding Strategy											
Federal Transit Administration Grant											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/14	09/01/14	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	12/01/14	10/31/16	1,252,041	1,213,716	0	0	0	0	0	0	1,213,716
Equipment:			0	41,075	0	0	0	0	0	0	41,075
Project Mgt.:	08/17/12	10/31/16	0	0	0	0	0	0	0	0	0
Totals:			1,252,041	1,254,791	0	0	0	0	0	0	1,254,791
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,254,791
					Total Funding:						1,254,791

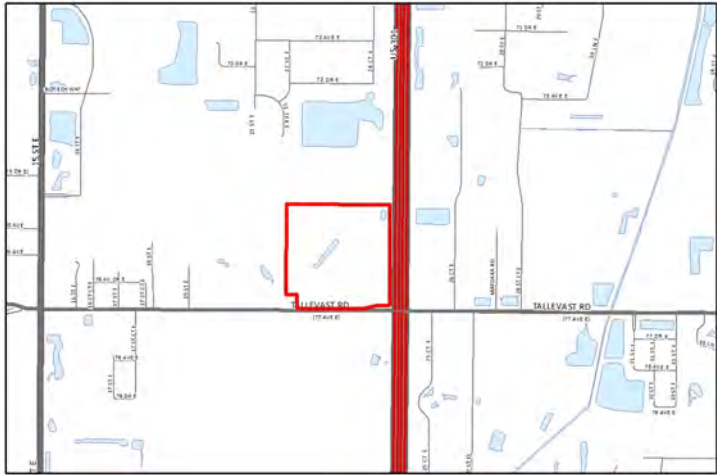
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6083903	Transit Facility - Covered Fuel Site																																																																																															
Status: Existing Initial Year: 2012 District 4 Location: 2411 Tallevast Road, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope																																																																																																	
Fuel site will be two covered fuel islands, 75 ft long with two fuel pumps each. A third fuel island with two pumps will also be 75 ft long for compressed natural gas (CNG) and liquified natural gas (LNG) fuels. A fourth island will be 50 ft long with one diesel and two gas pumps.																																																																																																	
Rationale																																																																																																	
Provide covered fueling site to facilitate fueling of larger and smaller units, and provide increased capability for refueling of compressed and liquified natural gas, diesel and gasoline fuels.																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	01/01/14	09/01/14	0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	12/01/14	10/31/16	1,963,709	1,876,559	0	0	0	0	0	0	1,876,559																																																																																						
Equipment:	12/01/14	10/31/16	0	96,329	0	0	0	0	0	0	96,329																																																																																						
Project Mgt.:	08/17/12	10/31/16	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			1,963,709	1,972,888	0	0	0	0	0	0	1,972,888																																																																																						
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No. of Positions:	0	0	0	0																																																																																													
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

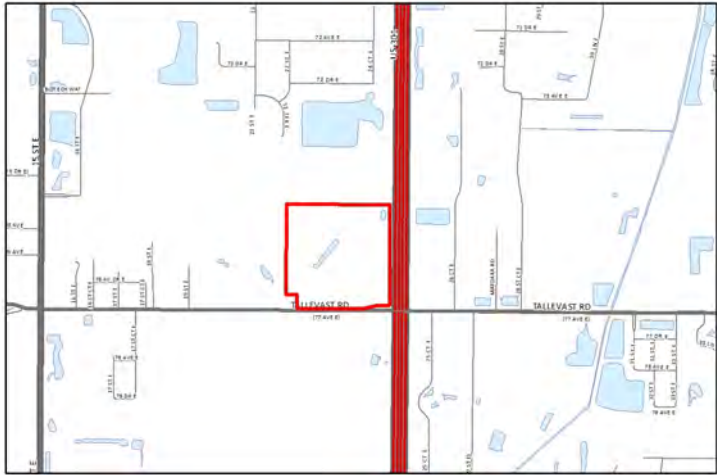
General Government	Project# 6083907	Transit Facility - FTA Ineligible Expenses									
Status: Existing Initial Year: 2015 District 4 Location: 2411 Tallevast Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
The new Transit/Fleet Facility project received FTA grant funding. The project budget projection exceeded the amount of the grant, and not all materials and services qualify for FTA grant reimbursement.											
Rationale											
Cover construction costs that exceed FTA grant funding and also cover material and service costs not eligible for FTA grant reimbursement.											
Funding Strategy											
General Revenues - Fleet											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	08/17/12	08/01/16	48,027	72,000	0	0	0	0	0	0	72,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/17/12	10/31/16	642,466	1,044,417	0	0	0	0	0	0	1,044,417
Equipment:	08/17/12	10/31/16	27,220	50,000	0	0	0	0	0	0	50,000
Project Mgt.:	08/17/12	10/31/16	0	0	0	0	0	0	0	0	0
Totals:			717,713	1,166,417	0	0	0	0	0	0	1,166,417
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					All Prior Funding					1,166,417	
					Total Funding:					1,166,417	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6083908	Transit Facility - Logistics Building									
Status: Existing Initial Year: 2015 District 4 Location: 2411 Tallevast Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construct 2,485 sf building for storage of various transit equipment and supplies on the Transit/Fleet Administration site.											
Rationale											
Placement and construction of the logistics building at the new Transit/Fleet Facility site will promote efficiency and reduction of operational expenses.											
Funding Strategy											
General Revenues - Fleet											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	08/17/12	08/01/16	78,164	150,000	0	0	0	0	0	0	150,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/17/12	10/31/16	460,670	379,180	0	0	0	0	0	0	379,180
Equipment:	08/17/12	10/31/16	0	9,655	0	0	0	0	0	0	9,655
Project Mgt.:	08/17/12	10/31/16	0	0	0	0	0	0	0	0	0
Totals:			538,834	538,835	0	0	0	0	0	0	538,835
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						538,835
					Total Funding:						538,835

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6083901	Transit Facility - Transit/Fleet Maintenance Building
Status: Existing Initial Year: 2013 District 4 Location: 2411 Tallevast Road, Bradenton		
Comprehensive Plan Information		Project Mgr: Tom Yarger
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Growth

Scope	Project Map
Construct a 22,250 square foot pre-engineered metal building with a wall cladding of masonry and metal wall panels and a metal roof. Includes five pairs of maintenance bays, allowing for a width of two buses end to end in the bays with clearance on the perimeter and down the center for staff and support vehicles. Building will also include support space for parts, tire shop, lube room and an electronics shop.	
Rationale	
As a part of the new Fleet/Transit facility, provide maintenance building to accomodate larger buses and other equipment, and to provide safer, more efficient work spaces in an enhanced environment.	
Funding Strategy	
Federal Transit Administration Grant	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/14	09/01/14	300,492	697,737	0	0	0	0	0	0	697,737
Land:			0	0	0	0	0	0	0	0	0
Construction:	12/01/14	10/31/16	3,961,775	3,470,076	0	0	0	0	0	0	3,470,076
Equipment:	12/01/14	10/31/16	0	120,000	0	0	0	0	0	0	120,000
Project Mgt.:	08/17/12	10/31/16	0	0	0	0	0	0	0	0	0
Totals:			4,262,267	4,287,813	0	0	0	0	0	0	4,287,813

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	4,287,813
Non-Personal:					Total Funding:	4,287,813
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6087003	Upgrade of County Core Network																																																																																															
Status: Existing Initial Year: 2014 Countywide Location: Countywide																																																																																																	
Comprehensive Plan Information		Project Mgr: Paul Alexander																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																																																															
Scope		Project Map																																																																																															
Replacement of aging and obsolete computer core network system.																																																																																																	
Rationale																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:			0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:			0	0	0	0	0	0	0	0	0																																																																																						
Equipment:	08/01/14	12/31/16	330,000	600,000	0	0	0	0	0	0	600,000																																																																																						
Project Mgt.:	03/03/14	12/31/16	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			330,000	600,000	0	0	0	0	0	0	600,000																																																																																						
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Personal:					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: center;">Amount</th> </tr> <tr> <td>All Prior Funding</td> <td style="text-align: center;">600,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: center;">600,000</td> </tr> </table>		Funding Sources	Amount	All Prior Funding	600,000	Total Funding:	600,000																																																																																					
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No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

General Government	Project# 6085600	VoIP Initiative									
Status: Existing Initial Year: 2014 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Paul Alexander									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Replacement of existing county telecommunications equipment with new Voice over Internet Protocol (VoIP) technology.											
Rationale											
The Board of County Commissioners and supported agencies currently have 30 telephone systems, 10 voice mail auto attendants, 3 call center servers, and 3 recording servers and special application servers at various geographical locations. The systems are of various models and size with approximately 75% of the equipment being at end of life.											
Funding Strategy											
General Revenues											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/14	06/30/18	190,748	2,500,000	0	0	0	0	0	0	2,500,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/18	2,217,768	2,500,000	0	0	0	0	0	0	2,500,000
Equipment:	10/01/13	12/31/18	991,615	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/14	06/30/18	2,589	0	0	0	0	0	0	0	0
Totals:			3,402,720	5,000,000	0	0	0	0	0	0	5,000,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						5,000,000
					Total Funding:						5,000,000



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Parks & Natural Resources

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	25,278,833	47,856,197	0	0	0	0	0	0	47,856,197
Florida Boating Improvement Program	0	0	0	850,000	0	0	100,000	0	950,000
Grants	0	0	2,626,000	0	0	0	0	0	2,626,000
Impact Fees	0	0	0	1,005,000	4,000,000	0	575,000	0	5,580,000
West Coast Inland Navigational District	0	0	0	850,000	0	0	2,100,000	0	2,950,000
Total Source of Funds	25,278,833	47,856,197	2,626,000	2,705,000	4,000,000	0	2,775,000	0	59,962,197

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
Beaches/Waterways	16,069,374	25,712,938	0	0	0	0	0	0	25,712,938
Boat Ramps	852,085	2,912,573	0	1,700,000	0	0	2,200,000	0	6,812,573
Parks	1,459,200	3,882,774	150,000	500,000	4,000,000	0	575,000	0	9,107,774
Preserves	6,898,174	15,347,912	2,476,000	505,000	0	0	0	0	18,328,912
Total Use of Funds	25,278,833	47,856,197	2,626,000	2,705,000	4,000,000	0	2,775,000	0	59,962,197



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Parks & Natural Resources	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Beaches/Waterways									
1 Anna Maria Island Beach Nourishment (6003407 / Existing)	7,138,355	10,368,634	0	0	0	0	0	0	10,368,634
2 Beach: Central 2013 Renourishment (6003408 / Existing)	3,535,388	7,189,335	0	0	0	0	0	0	7,189,335
3 Coquina Beach - Landscaping (6005718 / Existing)	68,832	79,424	0	0	0	0	0	0	79,424
4 Coquina Beach - Playground (6005717 / Existing)	0	100,000	0	0	0	0	0	0	100,000
5 Erosion Control Groins (6029601 / Existing)	5,158,040	7,337,060	0	0	0	0	0	0	7,337,060
6 Larry Borden Artificial Reef (6081500 / Existing)	2,400	130,000	0	0	0	0	0	0	130,000
7 Port Dolphin Extraction (6003404 / Existing)	166,359	508,485	0	0	0	0	0	0	508,485
Beaches/Waterways	16,069,374	25,712,938	0	0	0	0	0	0	25,712,938
Boat Ramps									
8 Coquina North Boat Ramp (Bayside) (6005714 / Existing)	171,718	1,676,000	0	0	0	0	0	0	1,676,000
9 Coquina South Boat Ramp (Bayside) (6005715 / Existing)	24,983	24,983	0	0	0	0	2,200,000	0	2,224,983
10 Ft. Hamer Park - Boat Ramp and Dock Improvements (6034610 / Existing)	38,445	513,000	0	0	0	0	0	0	513,000
11 Kingfish Boat Ramp (6071500 / Existing)	616,939	698,590	0	1,700,000	0	0	0	0	2,398,590
Boat Ramps	852,085	2,912,573	0	1,700,000	0	0	2,200,000	0	6,812,573

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Parks & Natural Resources	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Parks									
12 Ft. Hamer Park - Parking Lot Expansion (6034614 / Existing)	919,559	1,298,274	0	0	0	0	0	0	1,298,274
13 Hidden Harbor (Fort Hamer East of New Bridge) (6067406 / Existing)	44,278	1,300,000	0	0	0	0	0	0	1,300,000
14 Hidden Harbor Park - Wetland/Upland Maintenance (6067401 / Existing)	62,581	709,500	150,000	0	0	0	0	0	859,500
15 John H. Marble Pool Renovations Phase I (6031102 / Requested)	0	0	0	0	0	0	0	0	0
16 Lakewood Ranch Park Soccer Field Lighting (6039918 / Existing)	432,782	575,000	0	0	0	0	575,000	0	1,150,000
17 North County Pool (NR01440 / Requested)	0	0	0	500,000	4,000,000	0	0	0	4,500,000
Parks	1,459,200	3,882,774	150,000	500,000	4,000,000	0	575,000	0	9,107,774

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Parks & Natural Resources	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
<u>Preserves</u>									
18 Duette Preserve - Hydrologic Restoration (6006506 / Existing)	193,417	290,482	276,000	0	0	0	0	0	566,482
19 Duette Preserve - Wetland Mitigation (6006505 / Existing)	621,664	2,000,400	0	0	0	0	0	0	2,000,400
20 Moody Branch Preserve (6051201 / Existing)	18,971	100,000	0	0	0	0	0	0	100,000
21 Perico Preserve Seagrass Mitigation Area (6071302 / Existing)	1,749,060	1,821,436	0	0	0	0	0	0	1,821,436
22 Perico/Robinson Preserve Trail Connector (6071303 / Existing)	40,386	45,000	0	55,000	0	0	0	0	100,000
23 Robinson Oyster Bar - Creation (6085212 / Existing)	17,052	53,000	0	0	0	0	0	0	53,000
24 Robinson Preserve Expansion Amenities (6085200 / Existing)	301,043	314,781	0	0	0	0	0	0	314,781
25 Robinson Preserve Expansion Environmental Center (6085201 / Existing)	110,709	1,586,582	0	0	0	0	0	0	1,586,582
26 Robinson Preserve Expansion Kayak Launch & Storage Units (6085211 / Existing)	173,749	400,000	0	330,000	0	0	0	0	730,000
27 Robinson Preserve Expansion Multi-Surface Trails (6085209 / Existing)	635,742	2,123,440	0	120,000	0	0	0	0	2,243,440
28 Robinson Preserve Expansion Parking Lot (6085203 / Existing)	11,550	2,374,685	0	0	0	0	0	0	2,374,685
29 Robinson Preserve Expansion Restoration (6085208 / Existing)	3,008,379	3,892,208	2,200,000	0	0	0	0	0	6,092,208
30 Robinson Preserve Expansion Restrooms (6085202 / Existing)	16,452	345,898	0	0	0	0	0	0	345,898
Preserves	6,898,174	15,347,912	2,476,000	505,000	0	0	0	0	18,328,912



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Anna Maria Island Beach Nourishment						
Beaches/Waterways			6003407								
Status: Existing Initial Year: 2012 District 3 Location: Anna Maria Island											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance						
Scope					Project Map						
Beach renourishment of approximately 5.5 miles of beach on Anna Maria Island.											
Rationale											
Continuous nourishment and restoration of gulf coast beaches on Anna Maria Island is needed to protect public and private infrastructure, evacuation routes and tourism economy.											
Funding Strategy											
Federal Grant State Grant Tourist Development Funds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/17/12	09/30/18	7,138,355	10,368,634	0	0	0	0	0	0	10,368,634
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/17/12	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			7,138,355	10,368,634	0	0	0	0	0	0	10,368,634
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						10,368,634
					Total Funding:						10,368,634

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Beach: Central 2013 Renourishment						
Beaches/Waterways			6003408								
Status: Existing Initial Year: 2014 District 3 Location: Anna Maria Island											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
Beach nourishment on Anna Maria Island.											
Rationale											
Continuous nourishment and restoration of gulf coast beaches on Anna Maria Island is necessary to protect public and private infrastructure, evacuation routes, and tourism economy.											
Funding Strategy											
Grants General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	06/27/13	12/31/16	278,247	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/27/13	12/31/16	3,257,141	7,189,335	0	0	0	0	0	0	7,189,335
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/27/13	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			3,535,388	7,189,335	0	0	0	0	0	0	7,189,335
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						7,189,335
					Total Funding:						7,189,335



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Coquina Beach - Landscaping						
Beaches/Waterways			6005718								
Status: Existing Initial Year: 2014 District 3 Location: 2650 Gulf Drive, Bradenton Beach											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope						Project Map					
Complete beautification at entrance and parking/bus/trolley area. Landscaping includes trees and shrubs as described in design. Rationale The overall beautification of the Coquina Beach Park should be completed to draw tourists. It is the culmination of all the other park improvements and a necessary project element. Funding Strategy General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	03/31/14	22,501	5,000	0	0	0	0	0	0	5,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	46,331	74,424	0	0	0	0	0	0	74,424
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			68,832	79,424	0	0	0	0	0	0	79,424
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						79,424
					Total Funding:						79,424

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

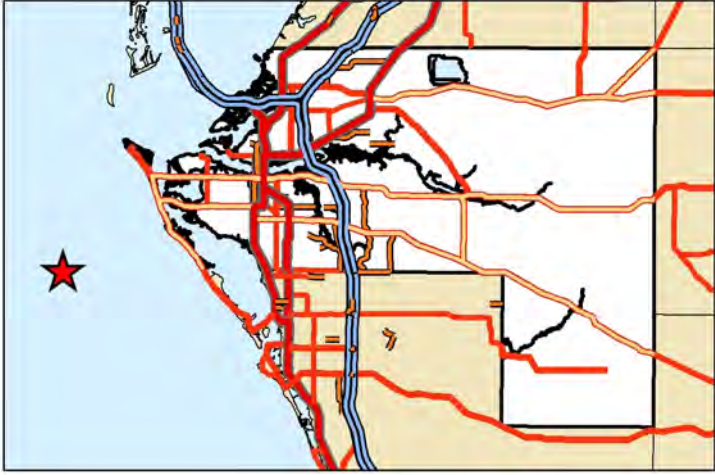
Parks & Natural Resources			Project#		Coquina Beach - Playground												
Beaches/Waterways			6005717														
Status: Existing Initial Year: 2014 District 3 Location: Coquina Beach																	
Comprehensive Plan Information							Project Mgr: Tom Yarger										
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth																	
Scope						Project Map											
Add a playground with swings, spring animals, climbers and benches. Playgrounds are outdated and there is a large number of people using the beaches. Parks Impact Fees																	
												Rationale					
												Funding Strategy					
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	10/01/13	04/01/14	0	0	0	0	0	0	0	0	0						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/14	12/31/16	0	100,000	0	0	0	0	0	0	100,000						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/14	12/31/16	0	0	0	0	0	0	0	0	0						
Totals:			0	100,000	0	0	0	0	0	0	100,000						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					All Prior Funding						100,000						
					Total Funding:						100,000						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Erosion Control Groins						
Beaches/Waterways			6029601								
Status: Existing Initial Year: 2011 District 2 Location: Anna Maria Island											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance		
Scope											
Repair three erosion control groins at Cortez Beach. Construct one ADA compliant dune walkover.											
Rationale											
The repair of three erosion control groins at Cortez Beach is required to maintain Gulf Drive and to prevent road damage during a storm event. Erosion control structures are eligible expenses for the dedicated Beach Tourist Development Tax.											
Funding Strategy											
Tourist Development Tax Florida Department of Environmental Protection (FDEP)											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	12/31/17	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/17	5,158,040	7,337,060	0	0	0	0	0	0	7,337,060
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			5,158,040	7,337,060	0	0	0	0	0	0	7,337,060
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						7,337,060
					Total Funding:						7,337,060



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Larry Borden Artificial Reef						
Beaches/Waterways			6081500								
Status: Existing Initial Year: 2012 Countywide Location: Gulf of Mexico											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope					Project Map						
Transport and placement of suitable artificial reef materials within the permitted boundaries of the "Larry Borden" artificial reef site located 9 miles offshore of Manatee County in the Gulf of Mexico, contingent upon material donations.											
Rationale											
To increase and enhance recreational fishing and diving in addition to creating marine habitat.											
Funding Strategy											
Donations General Revenues Grants											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/11	12/31/19	2,400	130,000	0	0	0	0	0	0	130,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	12/31/19	0	0	0	0	0	0	0	0	0
Totals:			2,400	130,000	0	0	0	0	0	0	130,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						130,000
					Total Funding:						130,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Port Dolphin Extraction						
Beaches/Waterways			6003404								
Status: Existing Initial Year: 2012 District 3 Location: Anna Maria Island											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope					Project Map						
Research, perform studies, surveys, and geotechnical investigations to determine beach compatible sand for Anna Maria Island along the proposed Port Dolphin pipeline corridor.											
Rationale											
Construction of the offshore natural gas pipeline will preempt future beach compatible sand sources. Once the pipeline is constructed, there will be an 800 foot buffer in place where no sand extraction can occur.											
Funding Strategy											
Contribution - Port Dolphin											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	11/01/11	12/31/20	166,359	508,485	0	0	0	0	0	0	508,485
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	12/31/20	0	0	0	0	0	0	0	0	0
Totals:			166,359	508,485	0	0	0	0	0	0	508,485
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						508,485
					Total Funding:						508,485

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Coquina North Boat Ramp (Bayside)						
Boat Ramps			6005714								
Status: Existing Initial Year: 2010 District 3 Location: Coquina Beach - Bayside at North End											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
Reconfigure, expand and pave existing parking lot, replace seawall, ramp and docks, add launch lanes, perform maintenance dredging of the access channel, construct a pavilion restroom building, and install security lighting.											
Rationale											
Periodic renovations are necessary to keep dock facilities up to acceptable standards. Seawall replacement is necessary to prolong the life of the seawall system. Reconfiguration of parking area will increase ramp capacity and provide a safer, better-defined circulation for increased efficiency of this facility.											
Funding Strategy											
Florida Boating Improvement Program West Coast Inland Navigation District grant											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	09/30/15	163,712	226,000	0	0	0	0	0	0	226,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/17	546	1,400,000	0	0	0	0	0	0	1,400,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	09/30/17	7,460	50,000	0	0	0	0	0	0	50,000
Totals:			171,718	1,676,000	0	0	0	0	0	0	1,676,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,676,000
					Total Funding:						1,676,000

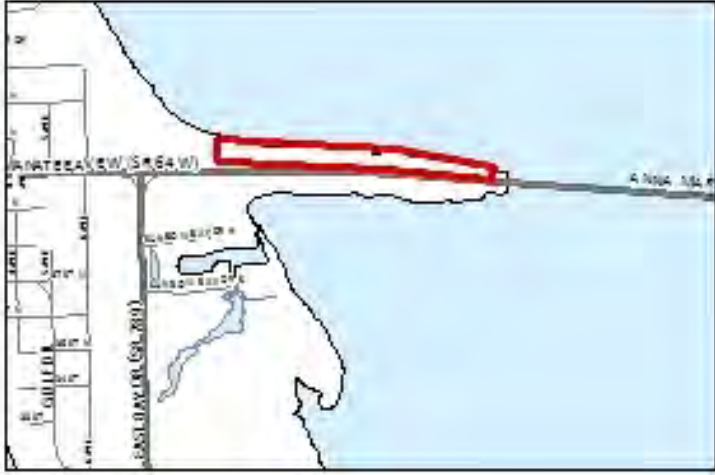
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Coquina South Boat Ramp (Bayside)						
Boat Ramps			6005715								
Status: Existing Initial Year: 2010 District 3 Location: Bayside - South End Across From Coquina Beach											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Install sheet pile cap along outside of piers, survey erosion and parking lot expansion.											
Rationale											
Periodic renovations are necessary to meet acceptable standards and to provide better loading and unloading facility. Sheet piling and cap along the piers is necessary to minimize sedimentation within the area needed for maintenance dredging. Reconfiguration of parking area will increase capacity of ramp and provide a safer, better defined circulation resulting in increased efficiency of this facility.											
Funding Strategy											
Florida Boating Improvement Program West Coast Inland Navigation District grant											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	09/30/15	0	24,983	0	0	0	0	0	0	24,983
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/17	22,563	0	0	0	0	0	2,200,000	0	2,200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/17	2,420	0	0	0	0	0	0	0	0
Totals:			24,983	24,983	0	0	0	0	2,200,000	0	2,224,983
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources											Amount
All Prior Funding											24,983
Florida Boating Improvement Program											100,000
West Coast Inland Navigational District											2,100,000
Total Funding:											2,224,983

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Ft. Hamer Park - Boat Ramp and Dock Improvements						
Boat Ramps			6034610								
Status: Existing Initial Year: 2012 District 1 Location: 1605 Ft. Hamer Road, Parrish											
Comprehensive Plan Information						Project Mgr: Tom Yarger					
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Growth											
Scope											
Construction of a new boat ramp to replace the old ramp and approach. Improvements to the wooden docking facility to include debris removal, design, survey, permitting and ADA access requirements.											
Rationale											
The existing ramp is narrow, steep and deteriorated beyond simple repair and is in need of replacement. The wooden docks are also old and not configured to provide safe, adequate staging areas for vessels as they wait to load and unload people and equipment.											
Funding Strategy											
Florida Boating Improvement Program West Coast Inland Navigation District grant											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/11	04/30/12	38,232	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/15	10/31/16	213	513,000	0	0	0	0	0	0	513,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	10/31/16	0	0	0	0	0	0	0	0	0
Totals:			38,445	513,000	0	0	0	0	0	0	513,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						513,000
					Total Funding:						513,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources	Project# 6071500	Kingfish Boat Ramp									
Boat Ramps											
Status: Existing Initial Year: 2008 District 3 Location: 752 Manatee Avenue, Holmes Beach											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Relocation of existing landscaping and irrigation, reconfiguration of parking spaces and drive aisles, addition of controlled ingress/egress and pedestrian trail along the northside of the causeway, replacement of the seawall and the seawall cap and concrete boat ramp, refurbishment of docks, and construction of restroom.											
Rationale											
Upgrades needed to meet FDOT requirements for increased safety and circulation in the parking lot. Seawall cap replacement is necessary to prolong the life of the seawall system.											
Funding Strategy											
West Coast Inland Navigation District grant Florida Boating Improvement Program fund Florida Department of Transportation \$101,511 towards pedestrian trail.											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	04/28/08	09/30/08	135,692	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/18	466,080	696,590	0	1,700,000	0	0	0	0	2,396,590
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	15,167	2,000	0	0	0	0	0	0	2,000
Totals:			616,939	698,590	0	1,700,000	0	0	0	0	2,398,590
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						698,590
					Florida Boating Improvement Program						850,000
					West Coast Inland Navigational District						850,000
					Total Funding:						2,398,590

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Ft. Hamer Park - Parking Lot Expansion						
Parks			6034614								
Status: Existing Initial Year: 2012 District 1 Location: 1605 Fort Hamer Road, Parrish											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construct new parking lot on east side of Ft. Hamer Road and necessary stormwater systems to manage water runoff created by using nonporous material to construct parking lot.											
Rationale											
Additional parking is needed to accommodate boat trailers and personal vehicles.											
Funding Strategy											
Old District E Parks Impact Fees Countywide Impact Fees											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/11	05/31/14	107,838	150,000	0	0	0	0	0	0	150,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/13	01/31/17	775,619	1,136,274	0	0	0	0	0	0	1,136,274
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	01/31/17	36,101	12,000	0	0	0	0	0	0	12,000
Totals:			919,559	1,298,274	0	0	0	0	0	0	1,298,274
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,298,274
					Total Funding:						1,298,274



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

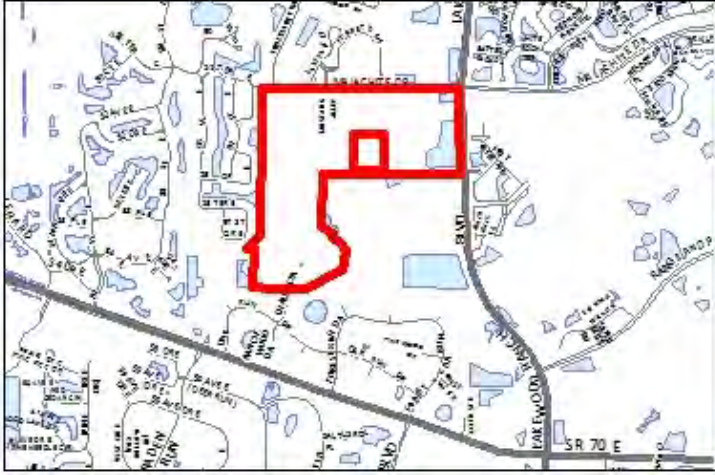
Parks & Natural Resources			Project#		Hidden Harbor (Fort Hamer East of New Bridge)						
Parks			6067406								
Status: Existing Initial Year: 2009 District 1 Location: Hidden Harbor, Parrish											
Comprehensive Plan Information										Project Mgr: Tom Yarger	
CIE Project: Yes LOS/Concurrency: Yes Plan Reference:					Project Need: Growth						
Scope											
Development/construction to include restoration of drainage ditches, landscaping and irrigation, utilities, entry and circulation road, entrance sign, parking, pavilions, fishing/observation pier, interpretive signs, site amenities, nature trail, pavilion/restroom, exotic plant removal and enhancement of wetlands/uplands, site work and stormwater ponds, ADA-compliant playground with safety surfacing, and shade canopy.											
Rationale											
These park elements are either a requirement of the Florida Communities Trust (FCT) grant award agreement or are necessary to make the park accessible to the public and expand their recreational opportunities.											
Funding Strategy											
Impact Fees Grants											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/09	12/31/18	43,343	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/09	12/31/18	85	1,267,000	0	0	0	0	0	0	1,267,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/09	12/31/18	850	33,000	0	0	0	0	0	0	33,000
Totals:			44,278	1,300,000	0	0	0	0	0	0	1,300,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,300,000
					Total Funding:						1,300,000



MANATEE COUNTY GOVERNMENT
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Parks & Natural Resources			Project#		Hidden Harbor Park - Wetland/Upland Maintenance						
Parks			6067401								
Status: Existing Initial Year: 2008 District 1 Location: Hidden Harbor, Parrish											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance						
Scope					Project Map						
Maintain created/enhanced wetland and upland habitats through exotic vegetation removal (mechanical or herbicidal) and replanting as needed based on field evaluations.											
Rationale											
Restoration is a requirement of the Florida Communities Trust (FCT) grant award agreement and approved Management Plan.											
Funding Strategy											
Grant - SWFWMD											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/12	12/31/16	62,581	709,500	150,000	0	0	0	0	0	859,500
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/08	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			62,581	709,500	150,000	0	0	0	0	0	859,500
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						709,500
					Grants						150,000
					Total Funding:						859,500

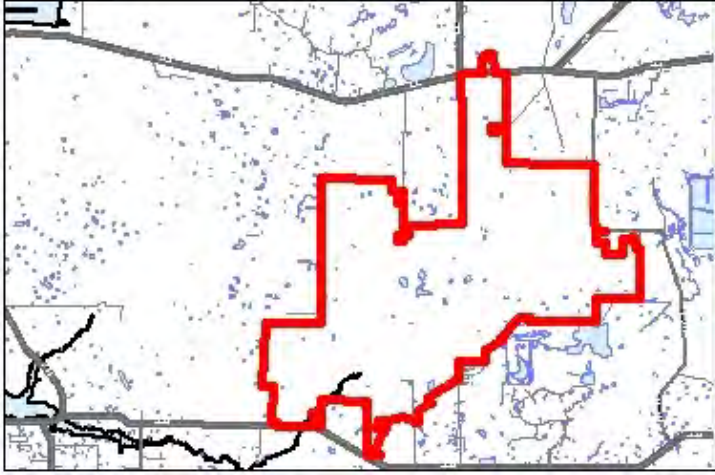
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Lakewood Ranch Park Soccer Field Lighting						
Parks			6039918								
Status: Existing Initial Year: 2016 District 5 Location: 5350 Lakewood Ranch Blvd., Bradenton											
Comprehensive Plan Information					Project Mgr: Tom Yarger						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Growth						
Scope					Project Map						
Purchase and install soccer field lighting at Lakewood Ranch Park.											
Rationale											
Lakewood Ranch Youth Soccer has grown to a point that additional field lighting is required in order to avoid temporary lighting solutions that aggravate neighboring communities and at the same time meet the needs of a growing community and sport.											
Funding Strategy											
Impact Fees											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/17	431,982	575,000	0	0	0	0	575,000	0	1,150,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/17	800	0	0	0	0	0	0	0	0
Totals:			432,782	575,000	0	0	0	0	575,000	0	1,150,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	15,000	15,000	15,000	30,000							
Operating Capital:											
Operating Total:	15,000	15,000	15,000	30,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						575,000
					Impact Fees						575,000
					Total Funding:						1,150,000

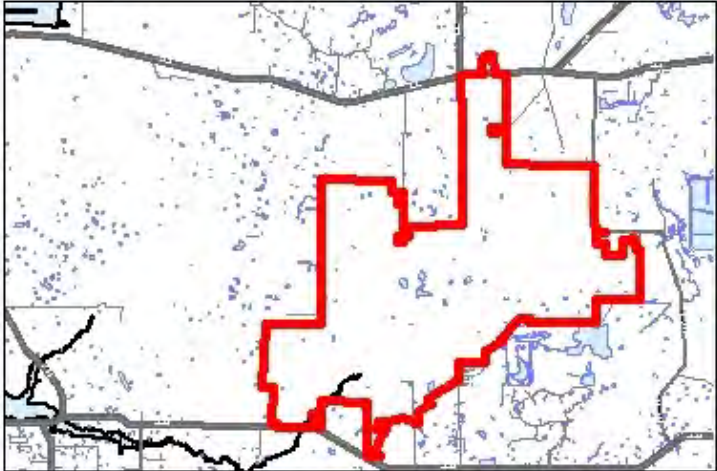
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		North County Pool						
Parks			NR01440								
Status: Requested Initial Year: 2018 District 1 Location: North County											
Comprehensive Plan Information								Project Mgr: Charlie Hunsicker			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Design and build a 25 yard swimming pool with zero depth entry, splash area, diving boards, starting blocks, deep water attraction, locker rooms, restrooms parking, shaded pool decks, picnic pavilions, and pool and deck lighting. Project will include water treatment items including filtration, aeration and heating. Land acquisition may be necessary, the site for the North County Pool has not yet been determined.											
Rationale											
Currently, there is not a public pool facility in the North County area. This facility would provide opportunities for recreational and competitive swimming, swim lessons and other aquatic activities not currently available in this area.											
Funding Strategy											
Impact Fees											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	08/01/18	0	0	0	300,000	0	0	0	0	300,000
Land:	10/01/18	12/31/19	0	0	0	0	1,000,000	0	0	0	1,000,000
Construction:	10/01/18	12/31/20	0	0	0	0	3,000,000	0	0	0	3,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/20	0	0	0	200,000	0	0	0	0	200,000
Totals:			0	0	0	500,000	4,000,000	0	0	0	4,500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:	0	75,000	300,000	300,000							
Non-Personal:	0	0	150,000	150,000							
Operating Capital:	0	0	100,000	100,000							
Operating Total:	0	75,000	550,000	550,000							
No.of Positions:	0	0	0	0							
Means of Financing											
Funding Sources										Amount	
Impact Fees										4,500,000	
Total Funding:										4,500,000	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Duette Preserve - Hydrologic Restoration						
Preserves			6006506								
Status: Existing Initial Year: 2015 District 1 Location: 2649 Rawls Road, Duette											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope					Project Map						
Restore and enhance the geographic extent and duration of flooding of approximately 1,600 acres within targeted freshwater wetlands in the Lake Manatee watershed.											
Rationale											
Restore and enhance wetlands in Duette Preserve.											
Funding Strategy											
Contributions Grants - Tampa Bay Estuary											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/15	12/31/16	193,417	290,482	276,000	0	0	0	0	0	566,482
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/15	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			193,417	290,482	276,000	0	0	0	0	0	566,482
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						290,482
					Grants						276,000
					Total Funding:						566,482

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Duette Preserve - Wetland Mitigation						
Preserves			6006505								
Status: Existing Initial Year: 2015 District 1 Location: 2649 Rawls Road, Duette											
Comprehensive Plan Information								Project Mgr: Charlie Hunsicker			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope						Project Map					
Ecological restoration and enhancement of approximately 100 acres of wetland and upland areas impacted by historical agricultural uses at Duette Preserve. The project will include removal of ditches and re-grading to restore wetland hydroperiods and restoration of wetland and upland habitats.											
Rationale											
FDOT is required to provide mitigation for wetland impacts associated with planned interchanges improvements at various intersections. The habitat restoration will benefit water quality and wildlife by greatly improving the ecological value of the habitat.											
Funding Strategy											
Contributions											
Grants											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/15	09/30/16	142,757	200,000	0	0	0	0	0	0	200,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/15	12/31/16	478,906	1,800,400	0	0	0	0	0	0	1,800,400
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/15	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			621,664	2,000,400	0	0	0	0	0	0	2,000,400
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,000,400
					Total Funding:						2,000,400

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

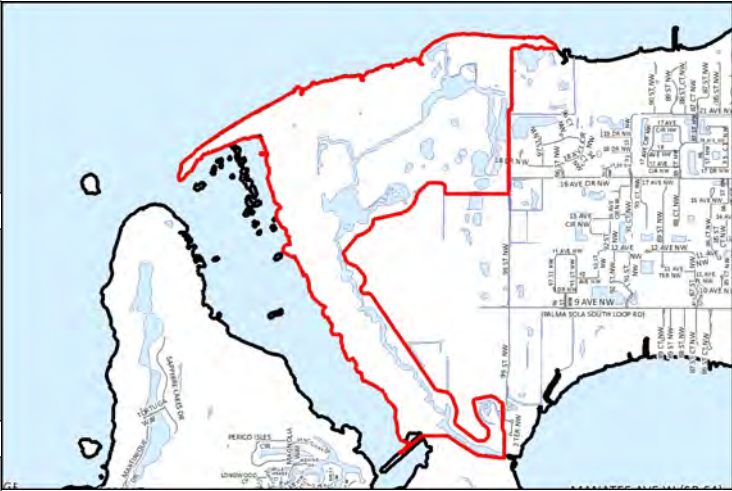
Parks & Natural Resources			Project#		Moody Branch Preserve						
Preserves			6051201								
Status: Existing Initial Year: 2010 District 1 Location: 13041 Taylor Grade Road, Duette											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Growth											
Scope						Project Map					
Construction of a parking lot, picnic pavilion, playground, nature/fitness trail, wildlife observation platform and interpretive signage.											
Rationale											
Florida Communities Trust (FCT) and Florida Fish & Wildlife Conservation Commission (FFWCC) provided funding for the acquisition of this property. Manatee County has an obligation to provide public access and minimal recreational improvements including a playground, picnic pavilion, trail, interpretive signage, shell parking lot, and boardwalk access to a wetland observation platform.											
Funding Strategy											
Impact Fees											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/09	09/30/15	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/09	12/31/16	11,172	85,000	0	0	0	0	0	0	85,000
Equipment:			0	15,000	0	0	0	0	0	0	15,000
Project Mgt.:	10/01/09	12/31/16	7,798	0	0	0	0	0	0	0	0
Totals:			18,971	100,000	0	0	0	0	0	0	100,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	1,000	1,000	1,000	1,000							
Operating Capital:											
Operating Total:	1,000	1,000	1,000	1,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						100,000
					Total Funding:						100,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

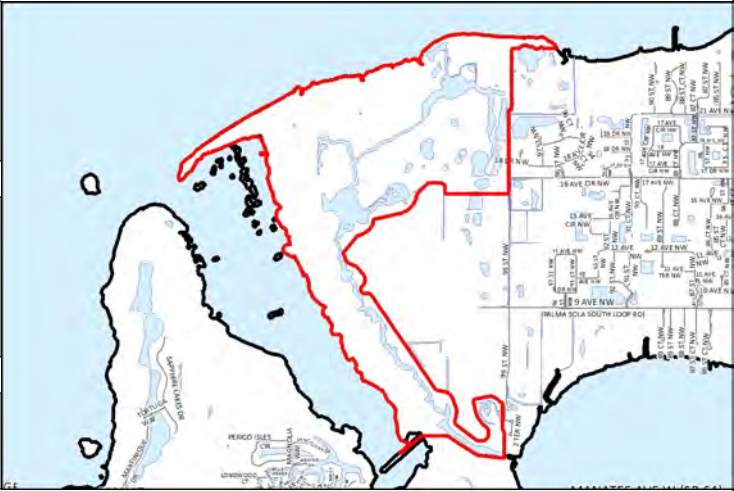
Parks & Natural Resources			Project# 6071302		Perico Preserve Seagrass Mitigation Area						
Preserves											
Status: Existing Initial Year: 2012 District 3 Location: Perico Preserve, Bradenton											
Comprehensive Plan Information								Project Mgr: Charlie Hunsicker			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope											
Create an approximate 15 acre seagrass mitigation area with access trail and boardwalk at the Perico Preserve on land owned by Manatee County.											
Rationale											
The seagrass mitigation project will provide two primary benefits. The first benefit will be to provide mitigation credits to Port Manatee (or possibly to another user of the credits, such as FDOT) to allow permitting for a future berth expansion at the Port, and the second benefit will be to provide 140,000 cubic yards of clean fill for the refurbishment of reclaimed water ponds at the Southwest Regional Wastewater Treatment Plant.											
Funding Strategy											
Interfund Loan Proceeds (To be repaid from Mitigation Credits) Utilities Funding											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	05/01/12	12/31/17	301,236	15,000	0	0	0	0	0	0	15,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/12	12/31/17	1,447,824	1,806,436	0	0	0	0	0	0	1,806,436
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			1,749,060	1,821,436	0	0	0	0	0	0	1,821,436
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,821,436
					Total Funding:						1,821,436



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Perico/Robinson Preserve Trail Connector						
Preserves			6071303								
Status: Existing Initial Year: 2016 District 3 Location: Perico/Robinson Preserve											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
Land purchase and construction of multi-modal trail to connect Robinson Preserve and Perico Preserve with directional and interpretive signage and benches. Rationale Trail connector will enhance visitor experience to both preserves by allowing mobility between the preserves without driving between preserves. Funding Strategy Impact Fees											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	12/01/15	09/30/16	100	0	0	0	0	0	0	0	0
Land:	12/01/15	09/30/16	40,286	40,000	0	0	0	0	0	0	40,000
Construction:	01/01/19	12/31/19	0	0	0	55,000	0	0	0	0	55,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	12/01/15	12/31/19	0	5,000	0	0	0	0	0	0	5,000
Totals:			40,386	45,000	0	55,000	0	0	0	0	100,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						45,000
					Impact Fees						55,000
					Total Funding:						100,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

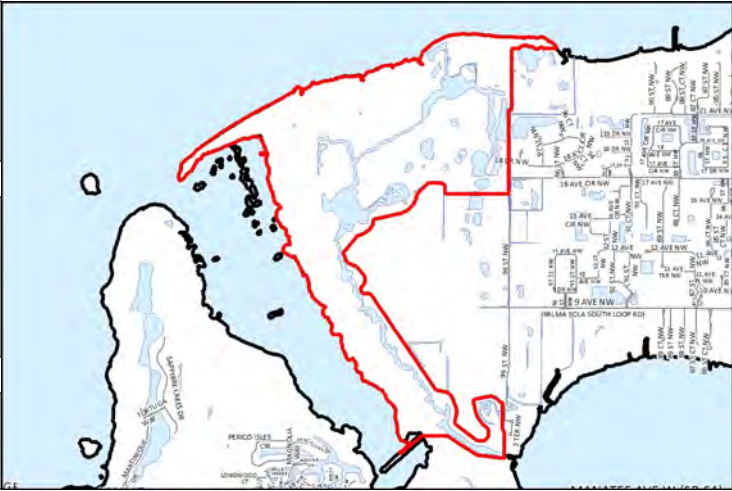
Parks & Natural Resources			Project#		Robinson Oyster Bar - Creation						
Preserves			6085212								
Status: Existing Initial Year: 2015 District 3 Location: 1704 99th St NW, Bradenton											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope					Project Map						
Create new oyster bar habitat within the internal waters of Robinson Preserve.											
Rationale											
Enhance habitat at the preserve.											
Funding Strategy											
Grants											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/15	12/31/16	17,052	53,000	0	0	0	0	0	0	53,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/15	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			17,052	53,000	0	0	0	0	0	0	53,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						53,000
					Total Funding:						53,000

MANATEE COUNTY GOVERNMENT
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Parks & Natural Resources			Project#		Robinson Preserve Expansion Amenities						
Preserves			6085200								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW, Bradenton											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Development of a master plan for the Robinson Preserve Expansion site amenities.											
Rationale											
Development of a master plan for site amenities at the Robinson Preserve expansion site including design, engineering and permitting.											
Funding Strategy											
Phosphate Severance Fund General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	06/01/13	12/31/17	197,345	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/13	12/31/17	72,248	314,781	0	0	0	0	0	0	314,781
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/13	12/31/17	31,450	0	0	0	0	0	0	0	0
Totals:			301,043	314,781	0	0	0	0	0	0	314,781
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						314,781
					Total Funding:						314,781



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Environmental Center						
Preserves			6085201								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW, Bradenton											
Comprehensive Plan Information								Project Mgr: Tom Yarger			
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Growth						
Scope					Project Map						
Construction and furnishing of the Mosaic Environmental Center. Rationale Manatee County has no indoor environmental classroom for shelter during inclement weather or relief from summer heat and humidity in conjunction with many activities carried out at Robinson Preserve. Funding Strategy Phosphate Severance Tax General Revenues Parks Impact Fees											
Schedule of Activities					Programmed Funding						
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	07/01/13	12/31/19	98,087	100,000	0	0	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/13	12/31/19	10,572	1,486,582	0	0	0	0	0	0	1,486,582
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/01/13	12/31/19	2,050	0	0	0	0	0	0	0	0
Totals:			110,709	1,586,582	0	0	0	0	0	0	1,586,582
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	15,000	15,000	15,000	15,000							
Operating Capital:											
Operating Total:	15,000	15,000	15,000	15,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,586,582
					Total Funding:						1,586,582

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

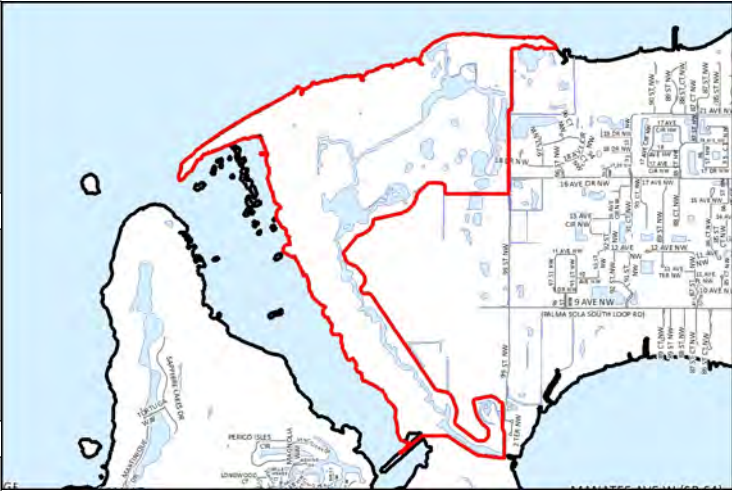
Parks & Natural Resources	Project#	Robinson Preserve Expansion Kayak Launch & Storage Units		
Preserves	6085211			
Status: Existing Initial Year: 2014 District 3 Location: 1704 99th St NW, Bradenton				
Comprehensive Plan Information			Project Mgr: Tom Yarger	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Growth

Scope	Project Map
Construction of a beach compatible sand surface canoe/kayak launch and kayak storage rental units, parking lot and restroom.	
Rationale	
Provide visitors additional access to the waterways in the preserve. The kayak storage rental units are very popular. There is a long waiting list for the units. Additional units are needed as some people have been on the list for 3 years.	
Funding Strategy	
Florida Boating Improvement Program West Coast Inland Navigation District Impact Fees	

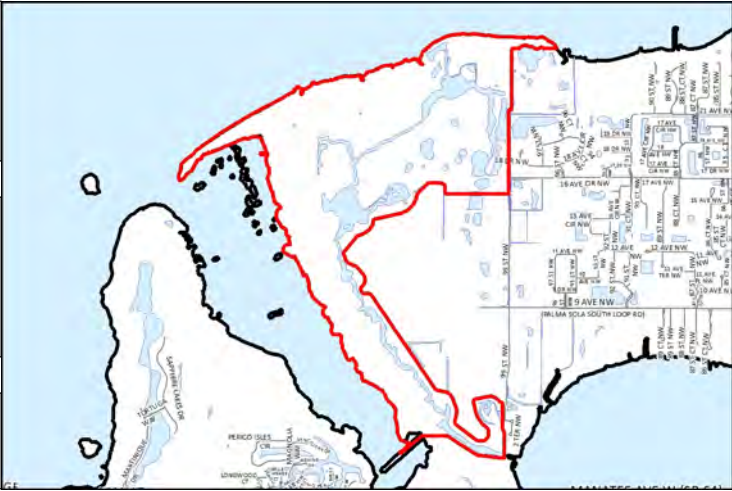
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	12/31/16	0	25,000	0	0	0	0	0	0	25,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/19	173,749	370,000	0	330,000	0	0	0	0	700,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/19	0	5,000	0	0	0	0	0	0	5,000
Totals:			173,749	400,000	0	330,000	0	0	0	0	730,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	400,000
Non-Personal:					Impact Fees	330,000
Operating Capital:					Total Funding:	730,000
Operating Total:						
No. of Positions:	0	0	0	0		

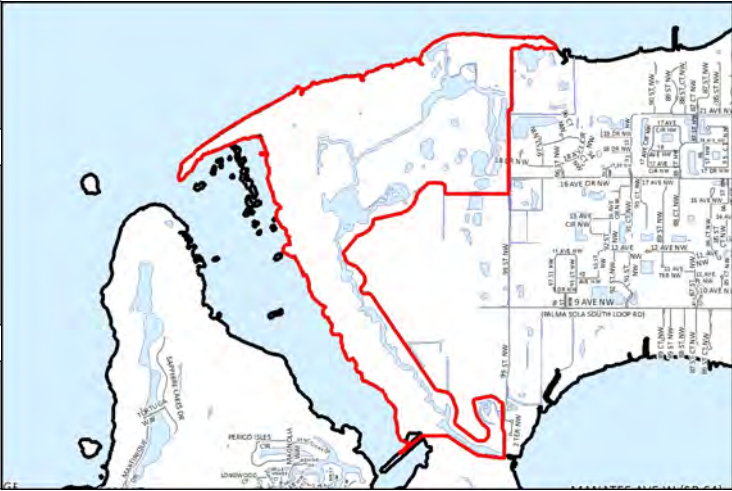
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Multi-Surface Trails						
Preserves			6085209								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW, Bradenton											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
Construction of recreational trails including a 1.6 mile, 12' wide rubberized surface trail with benches, boardwalks and bridges. Rationale To allow public access to the expanded property, enhance bicycle and pedestrian mobility and to link to existing trail system in original Robinson Preserve property. Funding Strategy Park Impact Fees General Revenues Grants Recreational Trail Program grant											
Schedule of Activities						Programmed Funding					
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	12/31/19	27,117	282,450	0	0	0	0	0	0	282,450
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/19	608,626	1,840,990	0	120,000	0	0	0	0	1,960,990
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/19	0	0	0	0	0	0	0	0	0
Totals:			635,742	2,123,440	0	120,000	0	0	0	0	2,243,440
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					All Prior Funding					2,123,440	
					Impact Fees					120,000	
					Total Funding:					2,243,440	

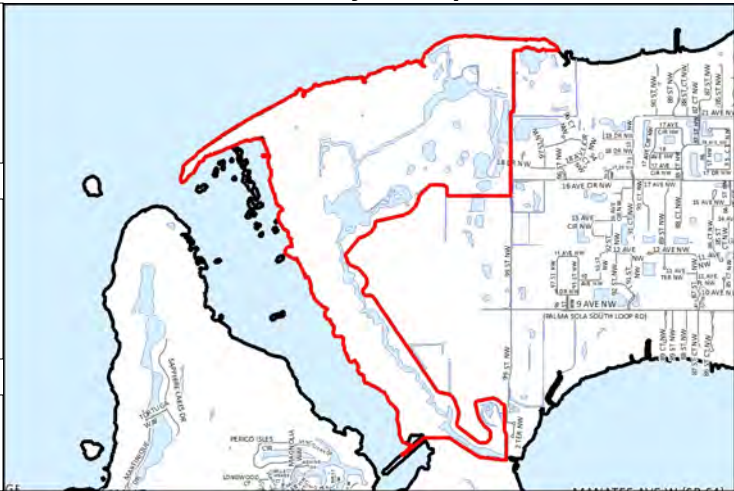
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Parking Lot						
Preserves			6085203								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW, Bradenton											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
Construction of a parking lot to support the Mosaic Environmental Center. Rationale Visitors to the environmental center will need a place to park their vehicles. Funding Strategy Phosphate Severance Tax											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	07/01/13	12/31/19	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/19	0	2,324,685	0	0	0	0	0	0	2,324,685
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/13	12/31/19	11,550	50,000	0	0	0	0	0	0	50,000
Totals:			11,550	2,374,685	0	0	0	0	0	0	2,374,685
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					All Prior Funding					2,374,685	
					Total Funding:					2,374,685	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Restoration						
Preserves			6085208								
Status: Existing Initial Year: 2014 District 3 Location: 1704 99th St NW, Bradenton											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
Restoration of the expanded property to include excavation, exotic plant removal, soil placement, grading & compaction, land clearing, planting, etc. Rationale Restoration accomplishes goals of the Sarasota Bay Estuary, the Tampa Bay Estuary Program and the Southwest Florida Water Management District by creating habitats to offset residential development. Funding Strategy Grants - SWFWMD, USFWS, Restore Act Tree Trust Funds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	12/31/19	476,388	255,000	0	0	0	0	0	0	255,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/19	2,531,991	3,637,208	2,200,000	0	0	0	0	0	5,837,208
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/19	0	0	0	0	0	0	0	0	0
Totals:			3,008,379	3,892,208	2,200,000	0	0	0	0	0	6,092,208
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					All Prior Funding					3,892,208	
					Grants					2,200,000	
					Total Funding:					6,092,208	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Restrooms						
Preserves			6085202								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW, Bradenton											
<u>Comprehensive Plan Information</u>					Project Mgr: Tom Yarger						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Growth						
<u>Scope</u>					<u>Project Map</u>						
Construction of stand alone restrooms to include structures, plumbing, sewer, electric, etc.											
<u>Rationale</u>											
Restrooms are needed for visitors to the Mosaic Environmental Center.											
<u>Funding Strategy</u>											
Phosphate Severance Tax											
<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	07/01/13	12/31/15	15,523	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/19	378	345,898	0	0	0	0	0	0	345,898
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/13	12/31/19	550	0	0	0	0	0	0	0	0
Totals:			16,452	345,898	0	0	0	0	0	0	345,898
<u>Operating Budget Impacts</u>											
	FY2018	FY2019	FY2020	FY2021	<u>Means of Financing</u>						
Personal:					Funding Sources						Amount
Non-Personal:	7,500	7,500	0	0	All Prior Funding						345,898
Operating Capital:					Total Funding:						345,898
Operating Total:	7,500	7,500	0	0							
No.of Positions:	0	0	0	0							



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Potable Water

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	52,567,603	105,391,244	0	0	0	0	0	0	105,391,244
Debt Proceeds	0	0	1,200,000	24,500,000	0	0	0	0	25,700,000
Facility Investment Fees	0	0	300,000	300,000	300,000	400,000	400,000	0	1,700,000
Rates	0	0	11,635,747	23,628,434	9,518,735	9,736,871	9,823,580	391,600	64,734,967
Total Source of Funds	52,567,603	105,391,244	13,135,747	48,428,434	9,818,735	10,136,871	10,223,580	391,600	197,526,211

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
Potable Water Distribution	1,073,407	6,614,300	4,057,370	840,600	0	620,814	100,000	0	12,233,084
Potable Water Renewal/Replacement	19,668,121	27,227,267	4,762,877	5,312,834	9,518,735	8,216,057	7,955,580	391,600	63,384,950
Potable Water Supply	24,006,167	31,121,449	300,000	300,000	300,000	300,000	300,000	0	32,621,449
Potable Water Transportation Related	2,705,863	6,696,188	253,000	0	0	1,000,000	1,000,000	0	8,949,188
Potable Water Treatment	5,114,045	33,732,040	3,762,500	41,975,000	0	0	868,000	0	80,337,540
Total Use of Funds	52,567,603	105,391,244	13,135,747	48,428,434	9,818,735	10,136,871	10,223,580	391,600	197,526,211



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Potable Water Distribution									
1 44th Avenue East-45th Street-44th Avenue Plaza East (6086970 / Existing)	0	300,300	0	0	0	0	0	0	300,300
2 63rd Avenue East and 39th Street East Loop (6031770 / Existing)	29,509	1,056,000	0	0	0	0	0	0	1,056,000
3 63rd Street East Loop - Braden River Road (6077970 / Existing)	27,685	363,000	0	0	0	0	0	0	363,000
4 Country Club Heights - Water (6088770 / Existing)	0	0	133,770	840,600	0	0	0	0	974,370
5 Erie Road Major Water Main (6028271 / Existing)	12,409	492,000	3,273,600	0	0	0	0	0	3,765,600
6 Mulholland Road Utility Extension (6046270 / Existing)	117,241	1,122,000	650,000	0	0	0	0	0	1,772,000
7 Potable Water Line Extensions & Participation Agreements (PW01220 / Existing)	0	0	0	0	0	100,000	100,000	0	200,000
8 SR70-I-75 Interchange Water Main & Facility Relocations (6053671 / Existing)	0	71,000	0	0	0	520,814	0	0	591,814
9 US 301 at Ellenton Gillette Road (6035171 / Existing)	5,770	230,000	0	0	0	0	0	0	230,000
10 Whitfield Avenue / Lockwood Ridge to Prospect - 16 Inch Water (6040970 / Existing)	880,793	2,980,000	0	0	0	0	0	0	2,980,000
Potable Water Distribution	1,073,407	6,614,300	4,057,370	840,600	0	620,814	100,000	0	12,233,084

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Potable Water Renewal/Replacement									
11 45th Street East - Water Main Lowering (PW01403 / Requested)	0	0	0	0	0	0	62,800	391,600	454,400
12 64th Avenue, 65th Avenue Drive, Winter Garden Drive (PW01212 / Existing)	0	0	0	0	179,600	1,129,050	0	0	1,308,650
13 69th Avenue Water Main Loop from 63rd Avenue West to US 41 (6078070 / Existing)	70,605	1,317,000	0	0	0	0	0	0	1,317,000
14 Anna Maria Water Line Improvements (6002870 / Existing)	3,038,577	3,808,652	250,000	250,000	250,000	250,000	250,000	0	5,058,652
15 Canal Road Water Main Replacement (6067370 / Existing)	248,040	2,630,000	0	0	0	0	0	0	2,630,000
16 Ciprianis Subdivision 1st and 2nd (6088870 / Existing)	0	0	313,200	0	0	0	0	0	313,200
17 Cortez Gardens (PW01214 / Existing)	0	0	0	0	414,380	0	0	0	414,380
18 DeSoto Memorial Highway (PW01215 / Existing)	0	0	0	307,940	0	0	0	0	307,940
19 Distribution Building / Annex Rehab (66th Street Complex) (6019208 / Existing)	451,545	2,500,000	0	0	0	0	0	0	2,500,000
20 Elwood I Booster Pump Station, Pump 1,6,7 Replacement (PW01209 / Existing)	0	0	0	0	456,000	0	0	0	456,000
21 End of Service Life Distribution Line Replacement (PW01110 / Existing)	0	0	0	55,950	60,000	698,154	3,319,900	0	4,134,004
22 Flamingo Cay Water Main Replacement (6088970 / Existing)	0	0	262,217	2,968,500	0	0	0	0	3,230,717
23 Fogarty's Subdivision (PW01216 / Existing)	0	0	0	0	129,100	813,200	0	0	942,300
24 Franklin Avenue & US 301 N Loop (PW01217 / Existing)	0	0	0	423,960	0	0	0	0	423,960
25 Grove Haven Subdivision - Water (PW01106 / Existing)	0	0	0	0	180,390	0	0	0	180,390
26 Harbor Hills (PW01348 / Existing)	0	0	0	0	0	125,000	999,600	0	1,124,600
27 Hazelhurst Subdivision - Water (PW01105 / Existing)	0	0	0	0	602,055	0	0	0	602,055
28 Palma Sola Subdivision Water Line Improvements (6053370 / Existing)	2,843,525	3,075,229	200,000	200,000	200,000	200,000	0	0	3,875,229
29 Palmetto Point Water Main Replacement (PW01218 / Existing)	0	0	0	800,700	3,989,370	4,400,000	0	0	9,190,070

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
30 Paradise Bay - Battersby Sub Fire Flow Improvement (PW01404 / Requested)	0	0	0	0	0	127,353	0	0	127,353
31 Pic Town Estates - Water Phase I (6074870 / Existing)	981,491	1,810,121	0	0	0	0	0	0	1,810,121
32 San Remo Shores - Water (PW01104 / Existing)	0	0	0	305,784	3,057,840	0	0	0	3,363,624
33 Suburban System - Water (6074770 / Existing)	4,162,867	4,203,324	0	0	0	0	0	0	4,203,324
34 Tangelo Park (PW01219 / Existing)	0	0	0	0	0	280,300	1,758,000	0	2,038,300
35 US41 Manatee River Crossing Water Main Replacement (PW01023 / Existing)	0	0	0	0	0	193,000	1,565,280	0	1,758,280
36 Utilities Maintenance Management System Replacement (6089000 / Requested)	0	0	3,000,000	0	0	0	0	0	3,000,000
37 Water Facility - Tainter Gates - Water (6026073 / Existing)	7,871,471	7,882,941	0	0	0	0	0	0	7,882,941
38 Willow Woods and Lakes Estates Water Main Upgrade (6089170 / Existing)	0	0	737,460	0	0	0	0	0	737,460
Potable Water Renewal/Replacement	19,668,121	27,227,267	4,762,877	5,312,834	9,518,735	8,216,057	7,955,580	391,600	63,384,950
Potable Water Supply									
39 Downstream Floodway Land Acquisition (6021672 / Existing)	1,807,491	2,199,140	100,000	100,000	100,000	100,000	100,000	0	2,699,140
40 Lake Manatee Dam Repairs (6026075 / Existing)	18,573,419	24,500,000	0	0	0	0	0	0	24,500,000
41 Lake Manatee Watershed Land Purchases (6021670 / Existing)	3,549,203	3,944,229	100,000	100,000	100,000	100,000	100,000	0	4,444,229
42 Water Supply Acquisitions (6058700 / Existing)	76,054	478,080	100,000	100,000	100,000	100,000	100,000	0	978,080
Potable Water Supply	24,006,167	31,121,449	300,000	300,000	300,000	300,000	300,000	0	32,621,449

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Potable Water Transportation Related									
43 15th Street East - 301 Boulevard - US 41 - 53rd Avenue East - Utilities (6029970 / Existing)	82,957	121,635	0	0	0	0	0	0	121,635
44 44th Avenue East - 15th Street East - 19th Street Court East - Utilities (6045670 / Existing)	138,338	400,000	0	0	0	0	0	0	400,000
45 44th Avenue East - 19th Street Court East - 30th Street East - Water (6045671 / Existing)	328,555	850,000	0	0	0	0	0	0	850,000
46 44th Avenue East - 30th Street East - 45th Street East - Water (6071170 / Existing)	957,183	1,402,079	0	0	0	0	0	0	1,402,079
47 44th Avenue East - US 41 - 15th Street East - Water (6001070 / Existing)	573,023	1,000,000	0	0	0	0	0	0	1,000,000
48 45th Street East - 44th Avenue East - SR 70 - Water (6025672 / Existing)	63,884	965,000	0	0	0	0	0	0	965,000
49 53rd Avenue West - 43rd Street West - 75th Street West - Potable Water (6082970 / Existing)	417,483	600,000	40,000	0	0	0	0	0	640,000
50 9th Street East - 53rd Avenue East - 57th Avenue East (6040470 / Existing)	71,438	170,000	0	0	0	0	0	0	170,000
51 Ellenton Gillette - US 301 - Mocassin Wallow Water (6084570 / Existing)	8,047	390,000	0	0	0	0	0	0	390,000
52 Erie Road - 69th St E - US301 - E/W Phase - Utility Relocations (6082870 / Existing)	0	0	213,000	0	0	0	0	0	213,000
53 Potable Transportation Related (PW01351 / Existing)	0	0	0	0	0	1,000,000	1,000,000	0	2,000,000
54 Tallevast Road Sidewalk - Utility Relocation (6044670 / Existing)	0	50,000	0	0	0	0	0	0	50,000
55 US 301/CR 675 to Moccasin Wallow Road - Water (6085470 / Existing)	64,955	747,474	0	0	0	0	0	0	747,474
Potable Water Transportation Related	2,705,863	6,696,188	253,000	0	0	1,000,000	1,000,000	0	8,949,188

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Potable Water Treatment									
56 Lake Manatee Ultra Filtration Membrane Process Upgrade (6050470 / Existing)	3,074,433	7,533,940	3,500,000	39,500,000	0	0	0	0	50,533,940
57 Raw Water #2 Motor Control Component Replacement (6025974 / Existing)	0	898,100	0	0	0	0	0	0	898,100
58 SCADA Replacement (6088670 / Existing)	0	0	262,500	2,475,000	0	0	0	0	2,737,500
59 WTP Alum Sludge Drying Bed (PW01405 / Requested)	0	0	0	0	0	0	868,000	0	868,000
60 Water Treatment Plant Biological Treatment Unit (6085870 / Existing)	1,994,302	24,400,000	0	0	0	0	0	0	24,400,000
61 Water Treatment Plant Motor Control Center "A" Replacement (6025973 / Existing)	45,310	900,000	0	0	0	0	0	0	900,000
Potable Water Treatment	5,114,045	33,732,040	3,762,500	41,975,000	0	0	868,000	0	80,337,540



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	44th Avenue East-45th Street-44th Avenue Plaza East																																																																																															
Potable Water Distribution	6086970																																																																																																
Status: Existing Initial Year: 2016 District 5 Location: 44th Avenue-45th St-44th Ave Plaza E																																																																																																	
Comprehensive Plan Information		Project Mgr: Taha Ataya																																																																																															
CIE Project: Yes LOS/Concurrency: Yes Plan Reference: Project Need: Growth																																																																																																	
Scope Replacement and relocation of current 36" water main. The road is being widened from two lanes to four lanes divided with a new bridge over the Braden River. Rationale The current water main was installed in 1965, with the addition of 44th Avenue, this water main is necessary and will now cross the Braden River. Funding Strategy Utility Rates Project Map 																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Construction:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,300</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,300</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>07/01/16</td> <td>12/31/19</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,300</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,300</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:			0	0	0	0	0	0	0	0	0	Land:			0	0	0	0	0	0	0	0	0	Construction:			0	300,300	0	0	0	0	0	0	300,300	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	07/01/16	12/31/19	0	0	0	0	0	0	0	0	0	Totals:			0	300,300	0	0	0	0	0	0	300,300
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:			0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:			0	300,300	0	0	0	0	0	0	300,300																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	07/01/16	12/31/19	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	300,300	0	0	0	0	0	0	300,300																																																																																						
Operating Budget Impacts																																																																																																	
	FY2018	FY2019	FY2020	FY2021																																																																																													
Personal:					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Means of Financing</th> </tr> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: center;">Amount</th> </tr> </thead> <tbody> <tr> <td>All Prior Funding</td> <td style="text-align: center;">300,300</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: center;">300,300</td> </tr> </tbody> </table>	Means of Financing		Funding Sources	Amount	All Prior Funding	300,300	Total Funding:	300,300																																																																																				
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Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	63rd Avenue East and 39th Street East Loop
Potable Water Distribution	6031770	
Status: Existing Initial Year: 2011 District 4 Location: 63rd Ave E/Prospect-39th St E, Bradenton		
Comprehensive Plan Information		Project Mgr: Mike Sturm
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Installation of new 16 inch ductile iron pipe (DIP) water line.	
Rationale	
Complete a looped system which will require approximately 1,400 feet of 16 inch ductile iron pipe (DIP) water main, short services, mechanical joint tee, fire hydrants, valves, grouting existing 4 inch water main and installing all new services on new 16 inch hydrants, services and valves. Hydrants, services and valves will be installed to county and Ten State Standards.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	09/30/15	16,502	67,000	0	0	0	0	0	0	67,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/16	37	989,000	0	0	0	0	0	0	989,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	12,970	0	0	0	0	0	0	0	0
Totals:			29,509	1,056,000	0	0	0	0	0	0	1,056,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	1,056,000
Non-Personal:					Total Funding:	1,056,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		63rd Street East Loop - Braden River Road						
Potable Water Distribution			6077970								
Status: Existing Initial Year: 2012 District 5 Location: Braden River Road - SR 70 - 61st Street East, Bradenton											
Comprehensive Plan Information							Project Mgr: Anthony Benitez				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Installation of new 12 inch ductile iron pipe (DIP) water main to complete a looped system on 63rd Street East - Braden River Road from SR 70 to 61st Street East including part of 60th Street East.											
Rationale											
Install hydrants, services and valves to county and Ten State Standards.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	06/30/16	26,630	52,000	0	0	0	0	0	0	52,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/16	06/30/17	0	311,000	0	0	0	0	0	0	311,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	06/30/17	1,055	0	0	0	0	0	0	0	0
Totals:			27,685	363,000	0	0	0	0	0	0	363,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						363,000
					Total Funding:						363,000

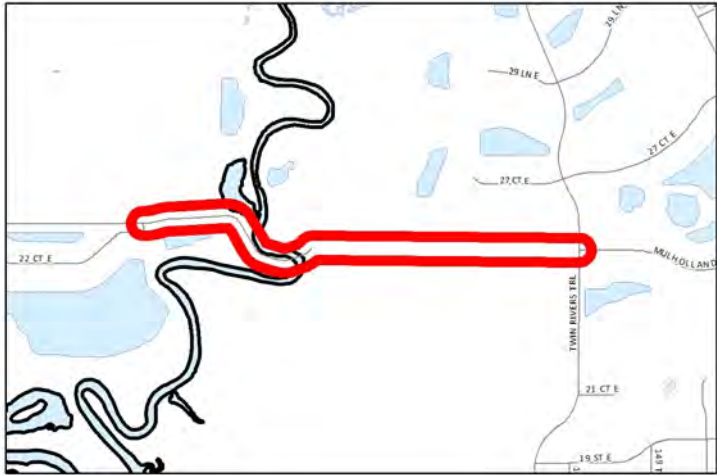
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6088770	Country Club Heights - Water									
Potable Water Distribution											
Status: Existing Initial Year: 2014 District 3 Location: 43rd St W-13th Ave-17th Ave West, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Complete a looped system with 6,100 feet of 6 inch water main. Hydrants, services and valves will be installed to county and Ten State Standards.											
Rationale											
To provide fire protection and increase water quality to Country Club Heights.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	127,400	0	0	0	0	0	127,400
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	700,500	0	0	0	0	700,500
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	0	0	6,370	140,100	0	0	0	0	146,470
Totals:			0	0	133,770	840,600	0	0	0	0	974,370
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						974,370
					Total Funding:						974,370

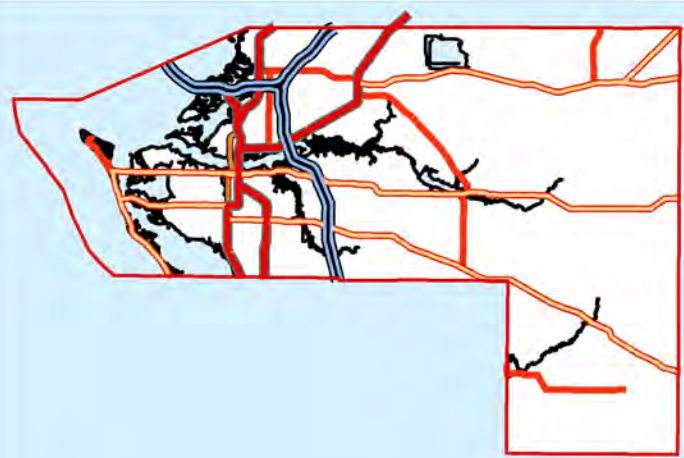
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Erie Road Major Water Main																																																																																															
Potable Water Distribution	6028271																																																																																																
Status: Existing Initial Year: 2014 District 1 Location: Erie Rd-Harrison Ranch Blvd-St. Mary's Mission, Parrish																																																																																																	
Comprehensive Plan Information		Project Mgr: Taha Ataya																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope This project needs approximately 12,000 feet of 24 inch ductile iron pipe water main. Fire hydrants will be installed every 800 feet and in-line valves every 1,600 feet. Hydrants, services and valves will be installed to county and Ten State Standards. Project Map 																																																																																																	
Rationale Complete a major looped system for Erie Road and Copperstone Phase 1.																																																																																																	
Funding Strategy Debt Proceeds Utility Rates																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/15	09/30/16	0	492,000	0	0	0	0	0	0	492,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/17	12/31/18	0	0	2,976,000	0	0	0	0	0	2,976,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/15	12/31/18	12,409	0	297,600	0	0	0	0	0	297,600																																																																																						
Totals:			12,409	492,000	3,273,600	0	0	0	0	0	3,765,600																																																																																						
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Non-Personal:						Amount																																																																																											
Operating Capital:						All Prior Funding																																																																																											
Operating Total:						Debt Proceeds																																																																																											
No. of Positions:	0	0	0	0		Rates																																																																																											
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6046270	Mulholland Road Utility Extension									
Potable Water Distribution											
Status: Existing Initial Year: 2014 District 1 Location: Between Twin Rivers Trail & 22nd Court East, Parrish											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Complete a looped system with approximately 3,800 feet of 10 inch water main by connecting existing utilities from River Plantation Phase II to Twin River Phase III. Hydrants and valves will be installed to county and Ten State Standards.											
Rationale											
Project was identified in the Water Distribution Master Plan and is required to maintain water quality.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/16	06/30/16	112,982	93,000	0	0	0	0	0	0	93,000
Land:	10/01/15	09/30/16	0	0	0	0	0	0	0	0	0
Construction:	10/01/16	03/31/17	0	1,029,000	425,000	0	0	0	0	0	1,454,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/16	03/31/17	4,259	0	225,000	0	0	0	0	0	225,000
Totals:			117,241	1,122,000	650,000	0	0	0	0	0	1,772,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					1,122,000						
					Rates						
					650,000						
					Total Funding:						
					1,772,000						

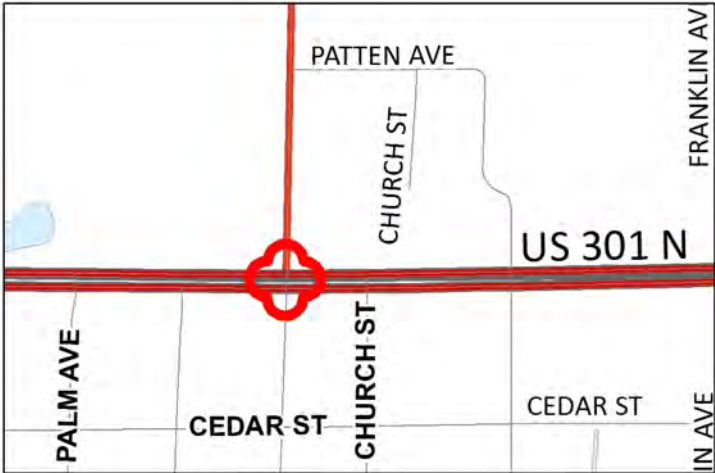
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Potable Water Line Extensions & Participation Agreements									
Potable Water Distribution	PW01220										
Status: Existing Initial Year: 2015 Countywide Location: Countywide											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope		Project Map									
Participate in development of the potable water transmission system infrastructure by oversizing any component to the system to increase capacity above required for a particular development or project when such increase in size supports the Master Plan for system capacity. Rationale It is more effective to increase the size of potable water infrastructure as it is being developed, rather than replacing it with a larger capacity system. The systems will be sized to serve the planned customer population. Funding Strategy Facility Investment Fees - Water											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/21	0	0	0	0	0	100,000	100,000	0	200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	100,000	100,000	0	200,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Facility Investment Fees						200,000
					Total Funding:						200,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	SR70-I-75 Interchange Water Main & Facility Relocations									
Potable Water Distribution	6053671										
Status: Existing Initial Year: 2016 District 5 Location: SR 70 - I-75 Interchange, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: Yes LOS/Concurrency: Yes Plan Reference: Project Need: Growth											
Scope											
Relocate existing potable water mains and facilities along SR70 at the I-75 interchange. Add 12" water main at Ranch Lake Boulevard for future looping of water main to improve distribution system and bypass existing private water main system. Relocations include the addition of protective concrete pads over mains, addition of split steel casings around water transmission mains, and relocation and/or extensions of water lines to right-of-way lines for future extensions.											
Rationale											
Utility relocations are part of the FDOT SR70 - I-75 Interchange Improvement project.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	04/18/16	12/31/21	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/20	12/31/22	0	71,000	0	0	0	520,814	0	0	591,814
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/18/16	12/31/22	0	0	0	0	0	0	0	0	0
Totals:			0	71,000	0	0	0	520,814	0	0	591,814
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						71,000
					Rates						520,814
					Total Funding:						591,814

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	US 301 at Ellenton Gillette Road									
Potable Water Distribution	6035171										
Status: Existing Initial Year: 2014 District 2 Location: US 301-Ellenton Gillette Road, Ellenton											
Comprehensive Plan Information		Project Mgr:									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace existing water line as part of existing CIP project - US301 at Ellenton Gillette Road Intersection Improvements.											
Rationale											
The water line under the roadway is close to the end of its useful life and in need of replacement. The replacement will coincide with roadway construction.											
Funding Strategy											
Utility Rates											
		Project Map									
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/10	09/30/14	5,506	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/17	0	230,000	0	0	0	0	0	0	230,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/17	264	0	0	0	0	0	0	0	0
Totals:			5,770	230,000	0	0	0	0	0	0	230,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						230,000
					Total Funding:						230,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6040970	Whitfield Avenue / Lockwood Ridge to Prospect - 16 Inch Water									
Potable Water Distribution											
Status: Existing Initial Year: 2013 District 5 Location: Whitfield Avenue-Lockwood Ridge-Prospect											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Installation of a 16 inch water main.											
Rationale											
Project was identified in the Water Distribution Model and Study and is required to maintain the fireflow and overall system pressure.											
Funding Strategy											
Utility Rates											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	09/30/14	152,231	480,000	0	0	0	0	0	0	480,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/15	12/31/16	669,823	2,500,000	0	0	0	0	0	0	2,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	58,740	0	0	0	0	0	0	0	0
Totals:			880,793	2,980,000	0	0	0	0	0	0	2,980,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,980,000
					Total Funding:						2,980,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	45th Street East - Water Main Lowering									
Potable Water Renewal/Replacement	PW01403										
Status: Requested Initial Year: 2017 District 3 Location: 45th Street East, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Maintenance											
Scope											
Install approximately 2,400 linear feet of 8" HDPE water main and 300 linear feet of 6" water main, three fire hydrants, six 6" gate valves, nine services, and one blowoff. Services and valves will be installed to county and Ten State Standards.											
Rationale											
Install water main line to proper depth to meet Utilities Standards and for protection and fire flow. Existing water main has a shallow depth and is 50 years old. There is an increased threat of breakage and there is less resistance to external and internal forces due to pipe material being brittle. Pressure surges from nearby Elwood I Booster Pump Station and water hammer are making issues worse.											
Funding Strategy											
Utility Rates											
		Project Map									
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/20	09/30/21	0	0	0	0	0	0	59,800	0	59,800
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/21	12/31/22	0	0	0	0	0	0	0	328,600	328,600
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/20	12/31/22	0	0	0	0	0	0	3,000	63,000	66,000
Totals:			0	0	0	0	0	0	62,800	391,600	454,400
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						454,400
					Total Funding:						454,400

Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		64th Avenue, 65th Avenue Drive, Winter Garden Drive									
Potable Water Renewal/Replacement			PW01212											
Status: Existing Initial Year: 2019 District 4 Location: 64th Ave, 65th Ave Dr, Winter Garden Dr, Bradenton														
Comprehensive Plan Information										Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance														
Scope					Project Map									
Replace existing water main on easements and relocate to front of property. Install approximately 6,000 linear feet of 6 inch water main and install/replace four fire hydrants, 11 gate valves and other services to county and Ten State Standards.														
Rationale														
End of service life replacement, will increase water quality and fire protection.														
Funding Strategy														
Utility Rates														
Schedule of Activities														
Activity From To			Programmed Funding											
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date			
Design:	10/01/18	09/30/19	0	0	0	0	171,000	0	0	0	171,000			
Land:			0	0	0	0	0	0	0	0	0			
Construction:	10/01/19	12/31/20	0	0	0	0	0	941,050	0	0	941,050			
Equipment:			0	0	0	0	0	0	0	0	0			
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	8,600	188,000	0	0	196,600			
Totals:			0	0	0	0	179,600	1,129,050	0	0	1,308,650			
Operating Budget Impacts														
	FY2018	FY2019	FY2020	FY2021						Means of Financing				
Personal:										Funding Sources		Amount		
Non-Personal:										Rates		1,308,650		
Operating Capital:										Total Funding:		1,308,650		
Operating Total:														
No.of Positions:	0	0	0	0										

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	69th Avenue Water Main Loop from 63rd Avenue West to US 41
Potable Water Renewal/Replacement	6078070	

Status: Existing Initial Year: 2014 District 4 Location: 5th St-63rd Ave W-US 41-69th Ave, Bradenton

Comprehensive Plan Information

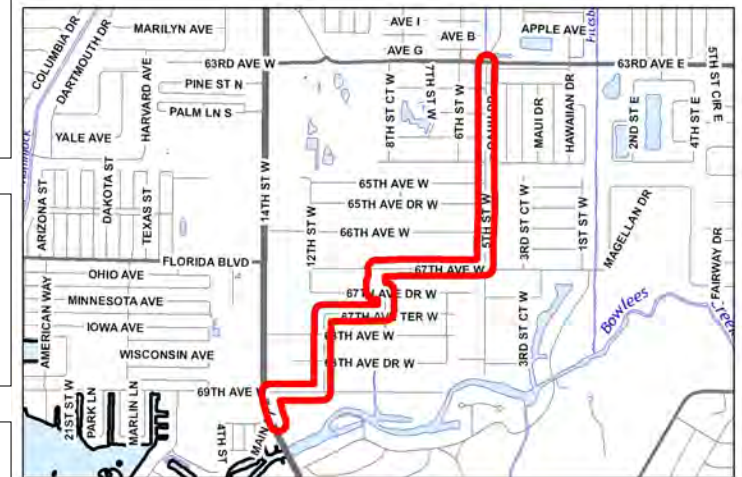
Project Mgr: **Jeff Streitmatter**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Replacement of aged (1965) failing pipe with approximately 6,600 feet of 12 inch water main, fire hydrants, 6 inch gates valves, and 12 x 6 tee services interconnecting between 63rd Avenue East to US 41. Hydrants, services and valves will be installed to county and Ten State Standards.

Project Map



Rationale

The existing lines have aged and are in poor condition. Access and fire protection are limited and water quality suffers.

Funding Strategy

Utility Rates

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/15	09/30/16	54,325	196,000	0	0	0	0	0	0	196,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/17	0	1,121,000	0	0	0	0	0	0	1,121,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	16,280	0	0	0	0	0	0	0	0
Totals:			70,605	1,317,000	0	0	0	0	0	0	1,317,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

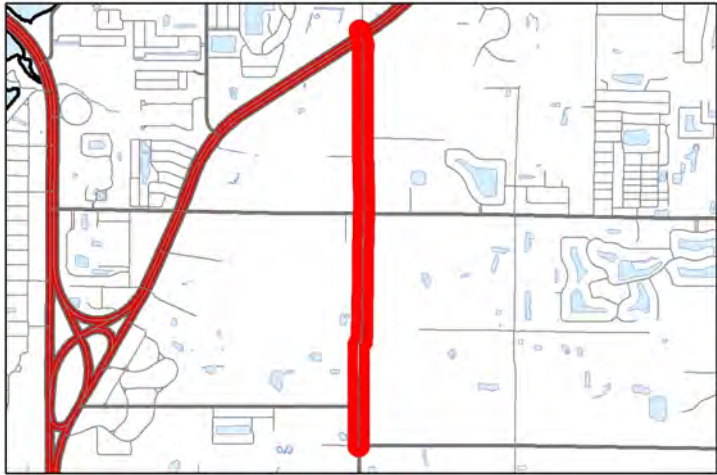
Means of Financing

Funding Sources	Amount
All Prior Funding	1,317,000
Total Funding:	1,317,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6002870	Anna Maria Water Line Improvements																																																																																															
Potable Water Renewal/Replacement																																																																																																	
Status: Existing Initial Year: 2002 District 3 Location: Anna Maria Island																																																																																																	
Comprehensive Plan Information		Project Mgr: Sherri Robinson																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope		Project Map																																																																																															
Replacement of 2 inch and 3 inch galvanized pipe and 4 inch and 6 inch unlined cast iron pipe with 6 inch or 8 inch poly vinyl chloride (PVC) pipe and appurtenances.																																																																																																	
Rationale																																																																																																	
Upgrade of the existing water system.																																																																																																	
Funding Strategy																																																																																																	
Debt Proceeds Utility Rates																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th style="text-align: left;">Activity</th> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td style="text-align: center;">10/01/09</td> <td style="text-align: center;">12/31/21</td> <td style="text-align: right;">78,028</td> <td style="text-align: right;">115,373</td> <td style="text-align: right;">35,000</td> <td style="text-align: right;">35,000</td> <td style="text-align: right;">35,000</td> <td style="text-align: right;">35,000</td> <td style="text-align: right;">35,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">290,373</td> </tr> <tr> <td>Land:</td> <td style="text-align: center;">10/01/09</td> <td style="text-align: center;">12/31/21</td> <td style="text-align: right;">450</td> <td style="text-align: right;">18,417</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">18,417</td> </tr> <tr> <td>Construction:</td> <td style="text-align: center;">10/01/09</td> <td style="text-align: center;">12/31/21</td> <td style="text-align: right;">1,910,413</td> <td style="text-align: right;">2,787,164</td> <td style="text-align: right;">215,000</td> <td style="text-align: right;">215,000</td> <td style="text-align: right;">215,000</td> <td style="text-align: right;">215,000</td> <td style="text-align: right;">215,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">3,862,164</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td style="text-align: center;">10/01/09</td> <td style="text-align: center;">12/31/21</td> <td style="text-align: right;">1,049,686</td> <td style="text-align: right;">887,698</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">887,698</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">3,038,577</td> <td style="text-align: right;">3,808,652</td> <td style="text-align: right;">250,000</td> <td style="text-align: right;">250,000</td> <td style="text-align: right;">250,000</td> <td style="text-align: right;">250,000</td> <td style="text-align: right;">250,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">5,058,652</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/09	12/31/21	78,028	115,373	35,000	35,000	35,000	35,000	35,000	0	290,373	Land:	10/01/09	12/31/21	450	18,417	0	0	0	0	0	0	18,417	Construction:	10/01/09	12/31/21	1,910,413	2,787,164	215,000	215,000	215,000	215,000	215,000	0	3,862,164	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/09	12/31/21	1,049,686	887,698	0	0	0	0	0	0	887,698	Totals:			3,038,577	3,808,652	250,000	250,000	250,000	250,000	250,000	0	5,058,652
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/09	12/31/21	78,028	115,373	35,000	35,000	35,000	35,000	35,000	0	290,373																																																																																						
Land:	10/01/09	12/31/21	450	18,417	0	0	0	0	0	0	18,417																																																																																						
Construction:	10/01/09	12/31/21	1,910,413	2,787,164	215,000	215,000	215,000	215,000	215,000	0	3,862,164																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/09	12/31/21	1,049,686	887,698	0	0	0	0	0	0	887,698																																																																																						
Totals:			3,038,577	3,808,652	250,000	250,000	250,000	250,000	250,000	0	5,058,652																																																																																						
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Personal:					Means of Financing <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: right;">Amount</th> </tr> </thead> <tbody> <tr> <td>All Prior Funding</td> <td style="text-align: right;">3,808,652</td> </tr> <tr> <td>Rates</td> <td style="text-align: right;">1,250,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">5,058,652</td> </tr> </tbody> </table>	Funding Sources	Amount	All Prior Funding	3,808,652	Rates	1,250,000	Total Funding:	5,058,652																																																																																				
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Rates	1,250,000																																																																																																
Total Funding:	5,058,652																																																																																																
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Canal Road Water Main Replacement									
Potable Water Renewal/Replacement	6067370										
Status: Existing Initial Year: 2014 District 2 Location: Canal Road-Mendoza-US 41, Palmetto											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace approximately 6,800 feet of existing 16 inch poly vinyl chloride (PVC) with 16 inch ductile iron pipe water main.											
Rationale											
The current PVC lines have had excessive failures. Hydrant, services and valves will be installed to county and Ten State Standards.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	12/31/15	107,810	244,000	0	0	0	0	0	0	244,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/16	03/31/17	136,014	2,386,000	0	0	0	0	0	0	2,386,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	03/31/17	4,216	0	0	0	0	0	0	0	0
Totals:			248,040	2,630,000	0	0	0	0	0	0	2,630,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,630,000
					Total Funding:						2,630,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Ciprianis Subdivision 1st and 2nd												
Potable Water Renewal/Replacement			6088870														
Status: Existing Initial Year: 2017 District 3 Location: Cipriani's Subdivision, Bradenton																	
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter										
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance								
Scope						Project Map											
Replace approximately 1,000 linear feet of existing 2 inch main, one fire hydrant, 3 gate valves, and 10 replaced services to county and Ten State Standards.																	
												Rationale					
												End of service life replacement, will increase water quality and add fire protection.					
Funding Strategy																	
Utility Rates																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	10/01/16	03/31/17	0	0	41,000	0	0	0	0	0	41,000						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/17	09/30/17	0	0	225,200	0	0	0	0	0	225,200						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/16	09/30/17	0	0	47,000	0	0	0	0	0	47,000						
Totals:			0	0	313,200	0	0	0	0	0	313,200						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						313,200						
					Total Funding:						313,200						

Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Cortez Gardens				
Potable Water Renewal/Replacement			PW01214						
Status: Existing Initial Year: 2019 District 3 Location: 62nd St W-40th Ave W, Bradenton									
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance				
Scope					Project Map				
Replace approximately 2,000 linear feet of 2 inch and 4 inch water mains mostly on easements with poor access and limited fire protection with 6 inch water mains and 42 new services installed from main to meter. Meters will be relocated to front right-of-way with six valves, three fire hydrants, and eliminate mains on easements. All items will be installed to county and Ten State Standards.									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	DeSoto Memorial Highway																																																																																															
Potable Water Renewal/Replacement	PW01215																																																																																																
Status: Existing Initial Year: 2019 District 3 Location: 75th St NW-79th St NW-83rd St NW, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope		Project Map																																																																																															
Replace approximately 2,000 feet of 6 inch water main, with 3 fire hydrants, 5 gate valves, and 11 replaced services. All items installed to county and Ten State Standards.																																																																																																	
Rationale																																																																																																	
End of life service replacement, and increase water quality and fire protection.																																																																																																	
Funding Strategy																																																																																																	
Utility Rates																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/17	03/31/18	0	0	0	40,440	0	0	0	0	40,440																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	04/01/18	12/31/18	0	0	0	221,500	0	0	0	0	221,500																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/17	12/31/18	0	0	0	46,000	0	0	0	0	46,000																																																																																						
Totals:			0	0	0	307,940	0	0	0	0	307,940																																																																																						
Operating Budget Impacts																																																																																																	
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Personal:						<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: center;">Amount</th> </tr> </thead> <tbody> <tr> <td>Rates</td> <td style="text-align: center;">307,940</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: center;">307,940</td> </tr> </tbody> </table>		Funding Sources	Amount	Rates	307,940	Total Funding:	307,940																																																																																				
Funding Sources	Amount																																																																																																
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Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Distribution Building / Annex Rehab (66th Street Complex)									
Potable Water Renewal/Replacement	6019208										
Status: Existing Initial Year: 2012 District 3 Location: 66th Street West, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope											
Demolition of two existing buildings and construction of a new 17,000 square foot building to include a work/storage shop.											
Rationale											
Existing structure has outlasted its expected life use and has become a maintenance issue. The new 17,000 square foot building will replace two existing buildings currently used by the Utility Distribution section. No Southwest Florida Water Management District issues are anticipated, as the county will be matching the existing square feet for pervious versus impervious surface.											
Funding Strategy											
Utility Rates											
Project Map 											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	09/30/13	402,301	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/16	10,212	2,500,000	0	0	0	0	0	0	2,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/16	39,032	0	0	0	0	0	0	0	0
Totals:			451,545	2,500,000	0	0	0	0	0	0	2,500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,500,000
					Total Funding:						2,500,000

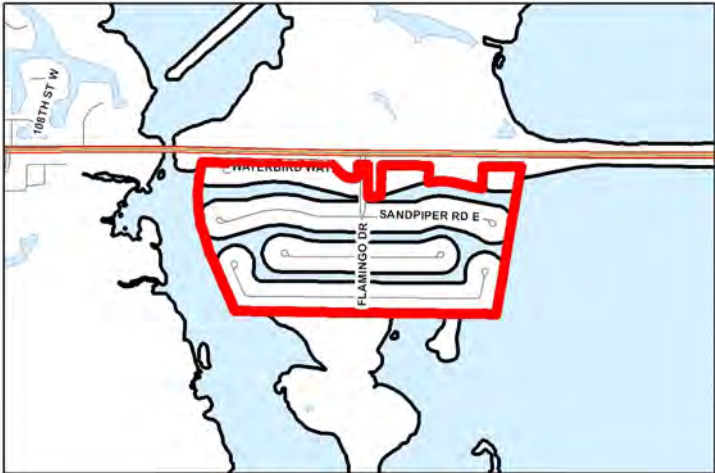
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Elwood I Booster Pump Station, Pump 1,6,7 Replacement						
Potable Water Renewal/Replacement			PW01209								
Status: Existing Initial Year: 2019 District 2 Location: 4825 44th Avenue East, Bradenton											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope						Project Map					
Replace pumps #1, #6, #7, replace associated valves and piping, and replace/upgrade motor control center as needed. Rationale Pumps were installed in 1966 and have a fifty year predicted service life. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/20	0	0	0	0	380,000	0	0	0	380,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/20	0	0	0	0	76,000	0	0	0	76,000
Totals:			0	0	0	0	456,000	0	0	0	456,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						456,000
					Total Funding:						456,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	End of Service Life Distribution Line Replacement									
Potable Water Renewal/Replacement	PW01110										
Status: Existing Initial Year: 2014 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace older, failing or targeted distribution system lines based on age and predicted service life to be determined by the 2012 Distribution System Master Plan, subsequent KANEW (database software) model runs and field investigations.											
Rationale											
Utilities will use the model results from the KANEW analysis that Utility Engineering performed in conjunction with the Distribution Master Plan. The KANEW analysis predicts when pipe elements will reach the end of their service lives based on life-expectancy parameters, and identifies those lines that should be replaced, before they fail.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expenditure to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/19	0	0	0	55,950	60,000	0	0	0	115,950
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/21	0	0	0	0	0	698,154	3,319,900	0	4,018,054
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	55,950	60,000	698,154	3,319,900	0	4,134,004
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						4,134,004
					Total Funding:						4,134,004

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Flamingo Cay Water Main Replacement									
Potable Water Renewal/Replacement	6088970										
Status: Existing Initial Year: 2014 District 3 Location: Manatee Ave & Flamingo Cay Dr W, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Construction of 6 and 8 inch water mains to replace the 2, 3, 4, and 6 inch water mains that are currently asbestos cement or galvanized iron. This includes approximately 10,000 feet of water main, fire hydrants, gate valves and services. Hydrants, services and valves will be installed to county and Ten State Standards.											
Rationale											
This upgrade would provide fire protection and increased water pressure to the development.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	247,375	0	0	0	0	0	247,375
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/19	0	0	0	2,473,750	0	0	0	0	2,473,750
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/19	0	0	14,842	494,750	0	0	0	0	509,592
Totals:			0	0	262,217	2,968,500	0	0	0	0	3,230,717
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					Rates						
					Total Funding:						
					3,230,717						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Fogarty's Subdivision																																																																																															
Potable Water Renewal/Replacement	PW01216																																																																																																
Status: Existing Initial Year: 2017 District 2 Location: Fogarty's Subdivision, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Replace approximately 4,500 feet of existing 2 and 6 inch water mains that are asbestos cement or galvanized iron, along with fire hydrants, gate valves and replaced services. All items installed to county and Ten State Standards. Project Map																																																																																																	
Rationale Improve water quality and add fire protection.																																																																																																	
Funding Strategy Utility Rates																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/18	09/30/19	0	0	0	0	123,100	0	0	0	123,100																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/19	09/30/20	0	0	0	0	0	677,200	0	0	677,200																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/18	09/30/20	0	0	0	0	6,000	136,000	0	0	142,000																																																																																						
Totals:			0	0	0	0	129,100	813,200	0	0	942,300																																																																																						
Operating Budget Impacts																																																																																																	
	FY2018	FY2019	FY2020	FY2021																																																																																													
Personal:																																																																																																	
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													

Means of Financing	
Funding Sources	Amount
Rates	942,300
Total Funding:	942,300

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Franklin Avenue & US 301 N Loop												
Potable Water Renewal/Replacement			PW01217														
Status: Existing Initial Year: 2018 District 2 Location: Franklin Avenue & US 301 N, Ellenton																	
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter										
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																	
Scope						Project Map											
Install approximately 2,400 linear feet of 6 inch water main to complete a "looped" system, and 400 feet of 2 inch water main to remove off of private property. All items done to county and Ten State Standards.																	
												Rationale					
												Increased water quality and fire protection.					
Funding Strategy																	
Utility Rates																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	10/01/17	03/31/18	0	0	0	55,840	0	0	0	0	55,840						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/18	03/31/19	0	0	0	307,120	0	0	0	0	307,120						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/17	03/31/19	0	0	0	61,000	0	0	0	0	61,000						
Totals:			0	0	0	423,960	0	0	0	0	423,960						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						423,960						
					Total Funding:						423,960						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Grove Haven Subdivision - Water
Potable Water Renewal/Replacement	PW01106	
Status: Existing Initial Year: 2014 District 3 Location: 52nd St-52nd Ct W-23rd Ave-24th Ave Dr W, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		
Project Need: Maintenance		

Scope	Project Map
Complete a looped system with 1,300 linear feet of existing 2 inch water main. Hydrants, services and valves should be installed to county and Ten State Standards.	
Rationale	
To provide fire protection and increase water quality to Grove Haven Subdivision.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	03/31/19	0	0	0	0	23,000	0	0	0	23,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/19	12/31/19	0	0	0	0	130,200	0	0	0	130,200
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/19	0	0	0	0	27,190	0	0	0	27,190
Totals:			0	0	0	0	180,390	0	0	0	180,390

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0	Rates	180,390
					Total Funding:	180,390

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Harbor Hills									
Potable Water Renewal/Replacement	PW01348										
Status: Existing Initial Year: 2019 District 3 Location: Hill Crest Drive-Harbor Rd-Park Dr-Fontana Lane, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace approximately 7,000 linear feet of 4" water main from easement to the right-of-way, including upsizing existing pipe for water quality and to add fire protection. Water main/pipes will be replaced with 6", and include 7 fire hydrants, three gate valves, and over 85 services. Services and valves to be installed to county and Ten State Standards.											
Rationale											
Provide adequate water quality and add fire protection for safety.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	83,321	0	0	83,321
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	833,000	0	833,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	41,679	166,600	0	208,279
Totals:			0	0	0	0	0	125,000	999,600	0	1,124,600
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					Rates					1,124,600	
					Total Funding:					1,124,600	

Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Hazelhurst Subdivision - Water				
Potable Water Renewal/Replacement			PW01105						
Status: Existing Initial Year: 2014 District 2 Location: 7th St-9th St E-44th Ave-37th Ave Dr E, Bradenton									
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance				
Scope					Project Map				
Complete a looped system with 2,800 linear feet of 4 inch water main. Hydrants, services and valves will be installed to county and Ten State Standards.									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Palma Sola Subdivision Water Line Improvements
Potable Water Renewal/Replacement	6053370	
Status: Existing Initial Year: 2005 District 3 Location: Palma Sola Park Blvd-75th Street W-Alhambra Drive, Bradenton		
Comprehensive Plan Information		Project Mgr: Sherri Robinson
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope

Phased replacement of approximately 31,000 linear feet of existing 3, 4 and 6 inch water lines with new 6 inch water lines and 8 inch water mains.

Rationale

To enhance fire protection. In addition, many lines are being relocated from rear lot lines to the front right of way. Existing lines are mostly asbestos cement and are located in easements with very little fire protection.

Funding Strategy

Utility Rates
Debt Proceeds

Project Map



Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/04	09/30/14	103,737	113,000	30,000	30,000	30,000	30,000	0	0	233,000
Land:	10/01/04	06/01/05	1,281	0	0	0	0	0	0	0	0
Construction:	06/01/05	12/31/21	1,507,771	2,192,889	170,000	170,000	170,000	170,000	0	0	2,872,889
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/04	12/31/21	1,230,736	769,340	0	0	0	0	0	0	769,340
Totals:			2,843,525	3,075,229	200,000	200,000	200,000	200,000	0	0	3,875,229

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	3,075,229
Rates	800,000
Total Funding:	3,875,229

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Palmetto Point Water Main Replacement												
Potable Water Renewal/Replacement			PW01218														
Status: Existing Initial Year: 2018 District 1 Location: Palmetto Point																	
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter										
CIE Project: No LOS/Concurrency: No Plan Reference:																	
Project Need: Maintenance																	
Scope						Project Map											
Replace approximately 28,000 linear feet of 3, 4, and 6 inch water mains, in addition to hydrants, valves and services. All items installed to county and Ten State Standards.																	
												Rationale					
												Increase water quality and fire protection.					
Funding Strategy																	
Utility Rates																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	10/01/17	09/30/18	0	0	0	762,700	0	0	0	0	762,700						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	10/01/18	12/31/20	0	0	0	0	3,626,700	4,000,000	0	0	7,626,700						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/17	12/31/20	0	0	0	38,000	362,670	400,000	0	0	800,670						
Totals:			0	0	0	800,700	3,989,370	4,400,000	0	0	9,190,070						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						9,190,070						
					Total Funding:						9,190,070						

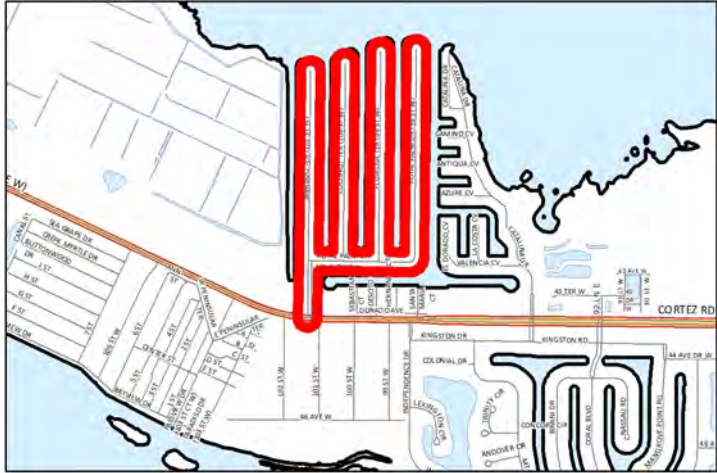
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Paradise Bay - Battersby Sub Fire Flow Improvement						
Potable Water Renewal/Replacement			PW01404								
Status: Requested Initial Year: 2020 District 3 Location: Paradise Bay, Bradenton											
<u>Comprehensive Plan Information</u>							Project Mgr: Jeff Streitmatter				
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Maintenance				
<u>Scope</u>					<u>Project Map</u>						
Install approximately 100 feet of 10" water main in casing, 10" x 20" tap valves, 10" x 6" x 6" tees, casings, plug valves and grout existing 6" across Cortez Road and cap 6" at hydrant heading north. All items will be installed to county and Ten State Standards.											
<u>Rationale</u>											
Improve fire flow for 106th Street West and Paradise Bay Mobile Home Park and eliminate vulnerability by providing a casing under the State road.											
<u>Funding Strategy</u>											
Utility Rates											
<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	03/31/20	0	0	0	0	0	23,218	0	0	23,218
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/20	12/31/20	0	0	0	0	0	85,135	0	0	85,135
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	19,000	0	0	19,000
Totals:			0	0	0	0	0	127,353	0	0	127,353
<u>Operating Budget Impacts</u>											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					<u>Means of Financing</u>						
					Funding Sources				Amount		
					Rates				127,353		
					Total Funding:				127,353		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Pic Town Estates - Water Phase I									
Potable Water Renewal/Replacement	6074870										
Status: Existing Initial Year: 2009 District 4 Location: Orlando Ave-52nd Ave W-9th St W-14th St W, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Design and construction of 8,200 linear feet of 6 inch and 3,650 linear feet of 8 inch water mains to replace existing water mains.											
Rationale											
Current potable water system is deteriorated, under sized and has inadequate fire protection and is located within an existing easement where maintenance accessibility is limited.											
Funding Strategy											
Debt Proceeds Utility Rates											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	03/01/09	09/30/14	241,084	610,000	0	0	0	0	0	0	610,000
Land:	03/01/09	09/30/14	750	0	0	0	0	0	0	0	0
Construction:	06/30/16	06/30/17	658,281	1,073,750	0	0	0	0	0	0	1,073,750
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/01/09	06/30/17	81,377	126,371	0	0	0	0	0	0	126,371
Totals:			981,491	1,810,121	0	0	0	0	0	0	1,810,121
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,810,121
					Total Funding:						1,810,121

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	San Remo Shores - Water									
Potable Water Renewal/Replacement	PW01104										
Status: Existing Initial Year: 2014 District 3 Location: Cortez Rd-Palma Sola Bay-Bamboo Terrace-Royal Palm Dr, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replacement of 10,000 linear feet of 6 inch and 8 inch water main. Hydrants, services and valves will be installed to county and Ten State Standards.											
Rationale											
To provide fire protection and increased water pressure to the San Remo development.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	254,820	0	0	0	0	254,820
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	2,548,200	0	0	0	2,548,200
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/18	0	0	0	50,964	509,640	0	0	0	560,604
Totals:			0	0	0	305,784	3,057,840	0	0	0	3,363,624
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021	Means of Financing						
Personal:					Funding Sources						
Non-Personal:					Amount						
Operating Capital:					Rates						
Operating Total:					Total Funding:						
No.of Positions:	0	0	0	0							

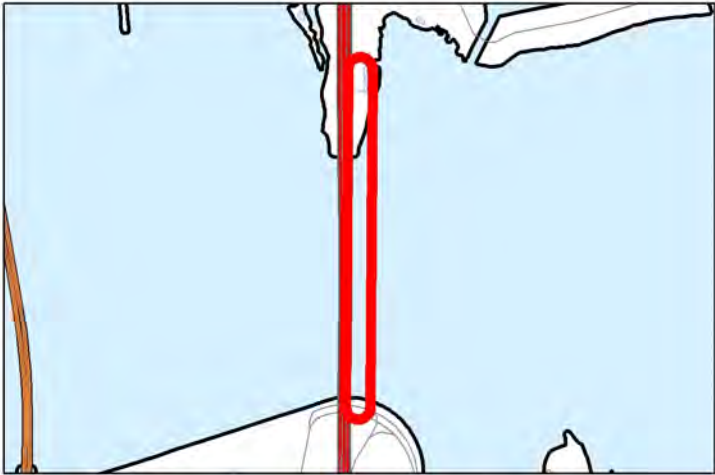
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project# 6074770		Suburban System - Water						
Potable Water Renewal/Replacement											
Status: Existing Initial Year: 2009 District 4 Location: 58th Ave W-53rd Ave W-26th St W-14th St W, Bradenton											
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter						
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Maintenance				
Scope					Project Map						
Design and construction to replace existing 2, 3 and 6 inch water mains with approximately 38,000 linear feet of 6 inch water main and 10,000 linear feet of 8 inch water main.											
Rationale											
Replacement of the aged water mains will improve fire protection and increase distribution pressure to the existing development, eliminate rear water line easements for some of the existing properties, and provide service access from the road right-of-way.											
Funding Strategy											
Utility Rates											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	11/01/13	01/31/17	429,806	273,616	0	0	0	0	0	0	273,616
Land:	11/01/13	09/30/16	2,100	50,000	0	0	0	0	0	0	50,000
Construction:	10/01/16	09/30/17	3,410,207	3,639,570	0	0	0	0	0	0	3,639,570
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	11/01/13	09/30/17	320,754	240,138	0	0	0	0	0	0	240,138
Totals:			4,162,867	4,203,324	0	0	0	0	0	0	4,203,324
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						4,203,324
					Total Funding:						4,203,324

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Tangelo Park									
Potable Water Renewal/Replacement	PW01219										
Status: Existing Initial Year: 2018 District 4 Location: 14th St W-5th St W-Cortez Plaza-Fairlane Acres											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace approximately 11,500 linear feet of 3, 4, and 6 inch water mains, 17 fire hydrants, 19 valves, and 188 services with 6 inch mains and new services installed from main to meter and meters relocated to front right-of-way. The water mains will tie together at 14th Street and Orlando Avenue. All installations will be to county and Ten State Standards.											
Rationale											
Improve access, water quality and fire protection.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	266,300	0	0	266,300
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	1,465,000	0	1,465,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	14,000	293,000	0	307,000
Totals:			0	0	0	0	0	280,300	1,758,000	0	2,038,300
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,038,300
					Total Funding:						2,038,300

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	US41 Manatee River Crossing Water Main Replacement									
Potable Water Renewal/Replacement	PW01023										
Status: Existing Initial Year: 2014 District 2 Location: US 41-DeSoto Bridge											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Replace existing 16 inch water main. Directional bore of 2,800 feet with two in-line valves. Hydrants, services and valves will be installed to county and Ten State Standards.											
Rationale											
The 30 plus year old main is laying on the riverbed across the Manatee River and is vulnerable in its current location from boat anchors and tide erosion. Annual inspections show a continued deterioration of the external walls of the main.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	130,400	0	0	130,400
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/20	12/31/22	0	0	0	0	0	0	1,304,400	0	1,304,400
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/22	0	0	0	0	0	62,600	260,880	0	323,480
Totals:			0	0	0	0	0	193,000	1,565,280	0	1,758,280
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,758,280
					Total Funding:						1,758,280

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6089000	Utilities Maintenance Management System Replacement									
Potable Water Renewal/Replacement											
Status: Requested Initial Year: 2017 Countywide Location: 4410 66th St. West, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope											
Replace current computerized maintenance management system.											
Rationale											
The current work order and inventory management system was developed in-house more than 10 years ago and is in need of replacement. A new software package will provide a more comprehensive system with additional functionality, including maintenance management, asset inventory & management, work orders, service requests, parts & material inventory, and work planning/scheduling.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/16	09/30/16	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/17	0	0	3,000,000	0	0	0	0	0	3,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/16	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	3,000,000	0	0	0	0	0	3,000,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						3,000,000
					Total Funding:						3,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6026073	Water Facility - Tainter Gates - Water
Potable Water Renewal/Replacement		
Status: Existing Initial Year: 2009 District 1 Location: Water Facility - Waterline Road		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Repairs to the three tainter gates including repair voids under seal plates, structural upgrades, and repair of coating. Repairs to the surface of submerged concrete surfaces of spillway. Repairs to stop-log, new stop-log and storage support system to scoured areas, and repairs to sheet pile retaining wall.	
Rationale	
The three tainter gates are critical to controlling water levels in Lake Manatee. Periodic maintenance to gates and spillway are essential to gate/spillway operations.	
Funding Strategy	
Utility Rates Debt Proceeds	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/08	06/30/10	1,195,080	2,137,458	0	0	0	0	0	0	2,137,458
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/10	12/31/16	6,152,400	5,561,983	0	0	0	0	0	0	5,561,983
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/08	12/31/16	523,991	183,500	0	0	0	0	0	0	183,500
Totals:			7,871,471	7,882,941	0	0	0	0	0	0	7,882,941

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	7,882,941
Non-Personal:					Total Funding:	7,882,941
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Willow Woods and Lakes Estates Water Main Upgrade
Potable Water Renewal/Replacement	6089170	
Status: Existing Initial Year: 2014 District 3 Location: 21st Ave W-26th Ave W-43rd St W-51st St W, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Upgrade water main with a looped system and inline isolation valves to the adjacent streets for a total of approximately 4,700 feet of 6 inch water main, valves and fire hydrants. Hydrants and valves will be installed to county and Ten State Standards.	
Rationale	
The inline valves at the identified locations will allow isolation of problem areas and affect a smaller number of customers in the event of maintenance or main breaks. These inline valves are to be installed on existing 6 inch mains that tie into a 16 inch main.	
Funding Strategy	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	06/30/17	0	0	96,400	0	0	0	0	0	96,400
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/17	06/30/18	0	0	530,200	0	0	0	0	0	530,200
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	06/30/18	0	0	110,860	0	0	0	0	0	110,860
Totals:			0	0	737,460	0	0	0	0	0	737,460

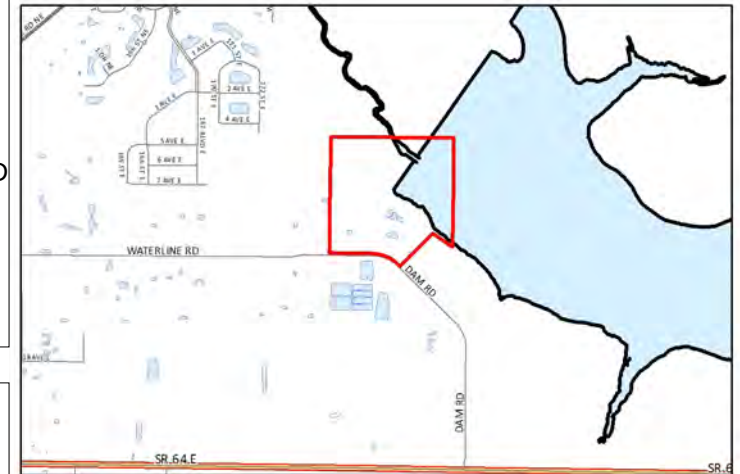
Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0	Rates	737,460
					Total Funding:	737,460

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Downstream Floodway Land Acquisition									
Potable Water Supply	6021672										
Status: Existing Initial Year: 2002 District 1 Location: Countywide											
Comprehensive Plan Information		Project Mgr: Sherri Robinson									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Purchase land subject to recurring flooding within the Manatee River Floodway.											
Rationale											
To relieve residents who live in the downstream area of recurring flooding conditions by purchasing properties and facilitating relocation.											
Funding Strategy											
Debt Proceeds Utility Rates Facility Investment Fees - Water											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	06/01/02	12/31/21	27,041	68,000	0	0	0	0	0	0	68,000
Land:	06/01/02	12/31/21	1,681,546	1,460,636	100,000	100,000	100,000	100,000	100,000	0	1,960,636
Construction:			4,290	202,000	0	0	0	0	0	0	202,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/01/02	12/31/21	94,614	468,504	0	0	0	0	0	0	468,504
Totals:			1,807,491	2,199,140	100,000	100,000	100,000	100,000	100,000	0	2,699,140
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					2,199,140						
					Facility Investment Fees						
					500,000						
					Total Funding:						
					2,699,140						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Lake Manatee Dam Repairs									
Potable Water Supply	6026075										
Status: Existing Initial Year: 2014 District 1 Location: Dam Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Deficiency											
Scope											
Phase I - Reestablishment of seepage control of dam core requiring 300 linear feet of jet grout columns and 3,100 linear feet of Trench Remixing Deep (TRD) cut off wall to depths between 95 and 105 feet below dam crest as per plans. Jet grout section will extend south from primary spillway 80 linear feet and north from primary spillway 100 linear feet and will be installed beneath the flooded spillway approach apron. TRD wall will extend 1,050 linear feet south from southern end of jet grout wall and 2,050 linear feet north from northern end of jet grout wall. Installation of TRD wall will require construction of work platform along dam crest for the TRD machines. Phase II - Repair of void areas underneath downstream concrete structures of primary spillway, densification of soil outside of downstream training walls and establishment of a pressure relieving drain system.											
Rationale											
Emergency repairs needed due to identified failures at the dam.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	04/01/14	06/30/17	18,573,419	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	09/30/17	12/31/19	0	24,500,000	0	0	0	0	0	0	24,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/14	12/31/19	0	0	0	0	0	0	0	0	0
Totals:			18,573,419	24,500,000	0	0	0	0	0	0	24,500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					All Prior Funding					24,500,000	
					Total Funding:					24,500,000	



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6021670	Lake Manatee Watershed Land Purchases									
Potable Water Supply											
Status: Existing Initial Year: 2008 District 5 Location: SR 64 and Sullivan Bridge, Bradenton											
Comprehensive Plan Information		Project Mgr: Sherri Robinson									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Purchase environmentally sensitive lands between Sullivan Bridge and SR 64 along reservoir shore and river banks.											
Rationale											
To protect the Lake Manatee watershed which is Manatee County's major source of potable water.											
Funding Strategy											
Debt Proceeds Utility Rates Facility Investment Fees - Water											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	12/31/21	31,580	26,606	0	0	0	0	0	0	26,606
Land:	10/01/07	12/31/21	3,322,257	3,522,011	100,000	100,000	100,000	100,000	100,000	0	4,022,011
Construction:	10/01/07	12/31/21	98,924	287,875	0	0	0	0	0	0	287,875
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/07	12/31/21	96,441	107,737	0	0	0	0	0	0	107,737
Totals:			3,549,203	3,944,229	100,000	100,000	100,000	100,000	100,000	0	4,444,229
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						3,944,229
					Facility Investment Fees						500,000
					Total Funding:						4,444,229

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Water Supply Acquisitions									
Potable Water Supply	6058700										
Status: Existing Initial Year: 2006 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Sherri Robinson									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Purchase properties within Manatee County with water permits.											
Rationale											
To supplement the current sources of the Manatee County water system.											
Funding Strategy											
Debt Proceeds Utility Rates Facility Investment Fees - Water											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/17/06	12/31/21	13,892	0	0	0	0	0	0	0	0
Land:	01/17/06	12/31/21	52,899	262,500	100,000	100,000	100,000	100,000	100,000	0	762,500
Construction:	01/17/06	12/31/21	27	200,000	0	0	0	0	0	0	200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/17/06	12/31/21	9,237	15,580	0	0	0	0	0	0	15,580
Totals:			76,054	478,080	100,000	100,000	100,000	100,000	100,000	0	978,080
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					478,080						
					Facility Investment Fees						
					500,000						
					Total Funding:						
					978,080						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	15th Street East - 301 Boulevard - US 41 - 53rd Avenue East - Utilities
Potable Water Transportation Related	6029970	
Status: Existing Initial Year: 2001 Multi-district Location: 15th Street East & 301 Blvd, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth

Scope	Project Map
Utility relocations as part of a two lane to a four lane divided roadway expansion to include sidewalks, bike lanes and street lights.	
Rationale	
Utility relocation as part of a four lane divided roadway expansion.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	03/21/10	03/31/13	10,797	10,000	0	0	0	0	0	0	10,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/13	12/31/16	67,581	110,147	0	0	0	0	0	0	110,147
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/21/10	12/31/16	4,579	1,488	0	0	0	0	0	0	1,488
Totals:			82,957	121,635	0	0	0	0	0	0	121,635

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	121,635
Non-Personal:					Total Funding:	121,635
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	44th Avenue East - 15th Street East - 19th Street Court East - Utilities	
Potable Water Transportation Related	6045670		
Status: Existing Initial Year: 2002 District 5 Location: 44th Ave E-15th St E-19th St Ct E, Bradenton			
Comprehensive Plan Information		Project Mgr: William Lorenzo	
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth	

Scope	Project Map
Relocation and upgrade of existing water lines as part of construction of a four lane roadway to provide a future east to west thoroughfare.	
Rationale	
To relocate and upgrade existing water lines as part of roadway enhancement project.	
Funding Strategy	
Debt Proceeds	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/02	01/31/15	0	0	0	0	0	0	0	0	0
Land:	04/01/10	12/31/15	0	0	0	0	0	0	0	0	0
Construction:	09/01/15	06/30/17	132,464	400,000	0	0	0	0	0	0	400,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/02	06/30/17	5,874	0	0	0	0	0	0	0	0
Totals:			138,338	400,000	0	0	0	0	0	0	400,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	400,000
Non-Personal:					Total Funding:	400,000
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	44th Avenue East - 19th Street Court East - 30th Street East -
Potable Water Transportation Related	6045671	Water

Status: Existing Initial Year: 2002 District 4 Location: 44th Ave E-19th St Ct E-30th St E, Bradenton

Comprehensive Plan Information

Project Mgr: **William Lorenzo**

CIE Project: **Yes** LOS/Concurrency: **No** Plan Reference: Project Need: **Growth**

Scope

Relocation and upgrade of existing water lines as part of construction of a four lane roadway to provide a future east to west thoroughfare.

Project Map



Rationale

To relocate and upgrade existing water lines as part of roadway enhancement project.

Funding Strategy

Debt Proceeds

<u>Schedule of Activities</u>			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	01/01/02	12/31/13	0	0	0	0	0	0	0	0	0
Land:	01/01/13	09/30/13	0	0	0	0	0	0	0	0	0
Construction:	03/01/15	12/31/16	328,555	800,000	0	0	0	0	0	0	800,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/02	12/31/16	0	50,000	0	0	0	0	0	0	50,000
Totals:			328,555	850,000	0	0	0	0	0	0	850,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	850,000
Total Funding:	850,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	44th Avenue East - 30th Street East - 45th Street East - Water									
Potable Water Transportation Related	6071170										
Status: Existing Initial Year: 2010 District 5 Location: 44th Ave E-30th St E-45th St E, Bradenton											
Comprehensive Plan Information			Project Mgr: William Lorenzo								
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth									
Scope											
Relocation and upgrade of existing water lines as part of construction of a four lane roadway to provide a future east to west thoroughfare.											
Rationale											
To relocate and upgrade existing water lines as part of roadway enhancement project.											
Funding Strategy											
Utility Rates Debt Proceeds Facility Investment Fees - Water											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/09	09/30/12	49,043	49,579	0	0	0	0	0	0	49,579
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/15	12/31/16	887,929	1,350,000	0	0	0	0	0	0	1,350,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/09	12/31/16	20,212	2,500	0	0	0	0	0	0	2,500
Totals:			957,183	1,402,079	0	0	0	0	0	0	1,402,079
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,402,079
					Total Funding:						1,402,079

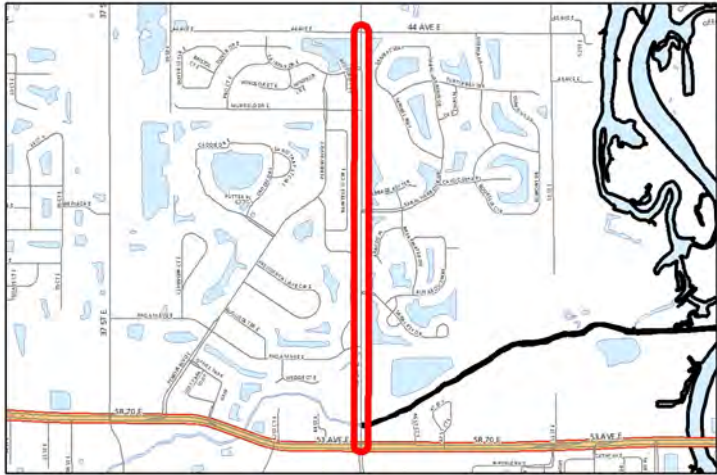


Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water		Project#	44th Avenue East - US 41 - 15th Street East - Water								
Potable Water Transportation Related		6001070									
Status: Existing Initial Year: 2002 District 4 Location: 44th Ave E-US 41-15th St E, Bradenton											
Comprehensive Plan Information					Project Mgr: William Lorenzo						
CIE Project: Yes LOS/Concurrency: No Plan Reference:				Project Need: Growth							
Scope				Project Map							
Upgrade existing water line to new water mains to be relocated outside of the proposed pavement as part of construction of a three lane roadway.											
Rationale											
To upgrade the existing water system. If future repair is required, it will no longer be under the roadway.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/01	03/31/13	650	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/12	12/31/16	544,058	950,000	0	0	0	0	0	0	950,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/01	12/31/16	28,315	50,000	0	0	0	0	0	0	50,000
Totals:			573,023	1,000,000	0	0	0	0	0	0	1,000,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources				Amount		
					All Prior Funding				1,000,000		
					Total Funding:				1,000,000		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

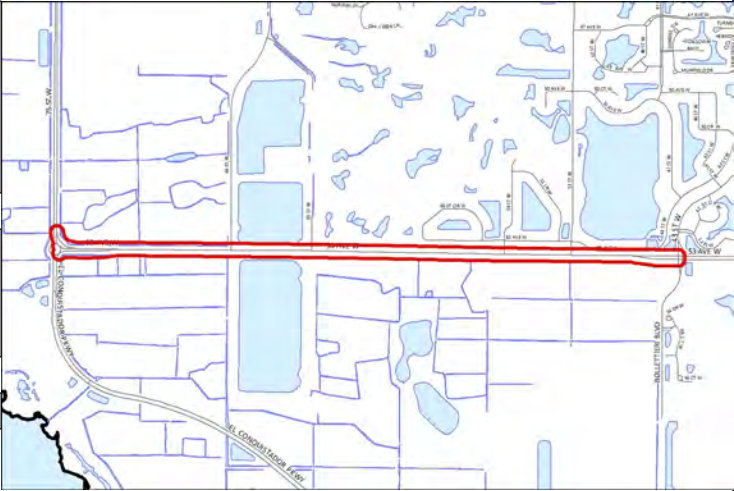
Potable Water	Project#	45th Street East - 44th Avenue East - SR 70 - Water
Potable Water Transportation Related	6025672	
Status: Existing Initial Year: 2013 District 5 Location: 45th St E-44th Ave E-SR 70, Bradenton		
Comprehensive Plan Information		Project Mgr:
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth

Scope	Project Map
Relocation and upgrade of existing water lines as part of roadway enhancement.	
Rationale	
Relocate and upgrade existing water lines as part of roadway enhancement project.	
Funding Strategy	
Debt Facility Investment Fees - Water	

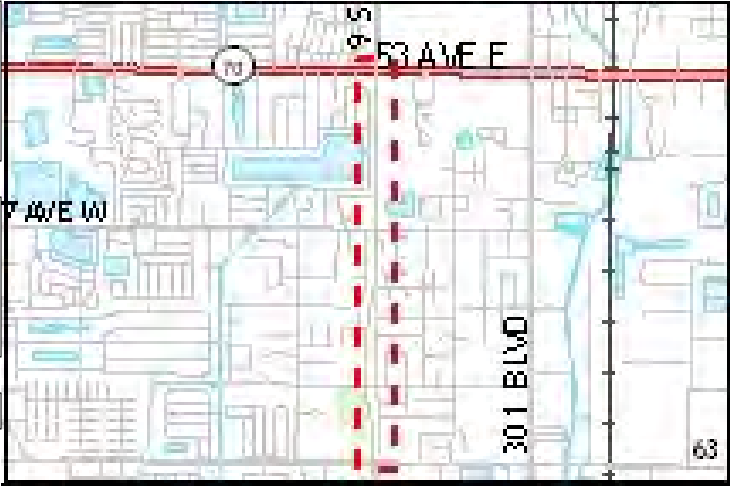
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	01/31/15	60,193	100,000	0	0	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	09/01/14	06/30/18	908	865,000	0	0	0	0	0	0	865,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	06/30/18	2,783	0	0	0	0	0	0	0	0
Totals:			63,884	965,000	0	0	0	0	0	0	965,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	965,000
Non-Personal:					Total Funding:	965,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

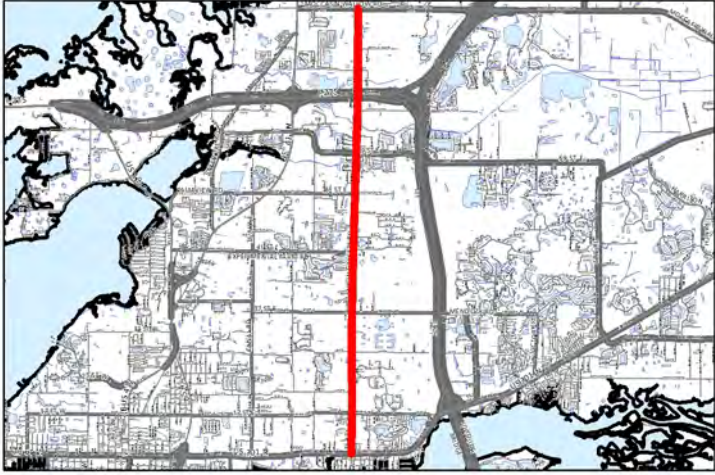
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		53rd Avenue West - 43rd Street West - 75th Street West -												
Potable Water Transportation Related			6082970		Potable Water												
Status: Existing Initial Year: 2015 District 3 Location: 53rd Ave W-43rd St W-75th St W, Bradenton																	
Comprehensive Plan Information																	
Project Mgr: Anthony Benitez																	
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth																	
Scope						Project Map											
Relocation and upgrade of existing water lines as part of construction of a four lane roadway to provide a future east-west thoroughfare.																	
												Rationale					
												Relocate and upgrade existing water lines as part of the roadway enhancement program.					
Funding Strategy																	
Utility Rates																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	10/01/12	06/30/14	885	0	0	0	0	0	0	0	0						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	07/01/14	07/31/17	404,150	600,000	40,000	0	0	0	0	0	640,000						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/12	07/31/17	12,448	0	0	0	0	0	0	0	0						
Totals:			417,483	600,000	40,000	0	0	0	0	0	640,000						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					All Prior Funding						600,000						
					Rates						40,000						
					Total Funding:						640,000						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

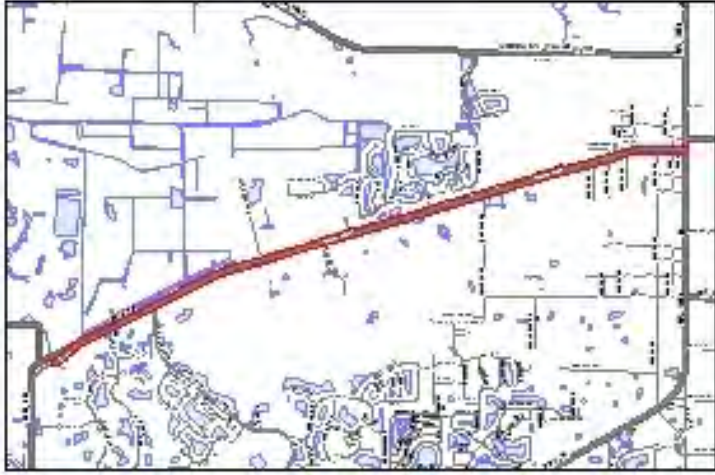
Potable Water			Project#		9th Street East - 53rd Avenue East - 57th Avenue East														
Potable Water Transportation Related			6040470																
Status: Existing Initial Year: 2005 District 4 Location: 9th St E-53rd Ave E-57th Ave E, Bradenton																			
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter														
CIE Project: Yes			LOS/Concurrency: No		Plan Reference:		Project Need: Growth												
Scope					Project Map														
Waterline relocation.																			
Rationale																			
Component of roadway widening project.																			
Funding Strategy																			
Utility Rates																			
Schedule of Activities			Programmed Funding																
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date								
Design:			0	0	0	0	0	0	0	0	0								
Land:			0	0	0	0	0	0	0	0	0								
Construction:	07/01/12	10/31/16	68,520	155,000	0	0	0	0	0	0	155,000								
Equipment:			0	0	0	0	0	0	0	0	0								
Project Mgt.:	10/01/04	10/31/16	2,918	15,000	0	0	0	0	0	0	15,000								
Totals:			71,438	170,000	0	0	0	0	0	0	170,000								
Operating Budget Impacts																			
	FY2018	FY2019	FY2020	FY2021															
Personal:					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: center;">Means of Financing</th> </tr> <tr> <td style="text-align: left;">Funding Sources</td> <td style="text-align: right;">Amount</td> </tr> <tr> <td>All Prior Funding</td> <td style="text-align: right;">170,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">170,000</td> </tr> </table>							Means of Financing		Funding Sources	Amount	All Prior Funding	170,000	Total Funding:	170,000
Means of Financing																			
Funding Sources	Amount																		
All Prior Funding	170,000																		
Total Funding:	170,000																		
Non-Personal:																			
Operating Capital:																			
Operating Total:																			
No. of Positions:	0	0	0	0															

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Ellenton Gillette - US 301 - Mocassin Wallow Water						
Potable Water Transportation Related			6084570								
Status: Existing Initial Year: 2014 District 1 Location: Ellenton Gillette-US301-Mocassin Wallow, Ellenton											
Comprehensive Plan Information								Project Mgr: Mike Sturm			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need:											
Scope Replace 2,450 linear feet of 12" PVC pipe with 12" ductile iron pipe. Project Map 											
Rationale Widening of existing roadway to 24 feet.											
Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	09/01/14	12/31/17	7,618	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	09/01/14	12/31/17	0	390,000	0	0	0	0	0	0	390,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	09/01/14	12/31/17	429	0	0	0	0	0	0	0	0
Totals:			8,047	390,000	0	0	0	0	0	0	390,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						390,000
					Total Funding:						390,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Erie Road - 69th St E - US301 - E/W Phase - Utility Relocations		
Potable Water Transportation Related	6082870			
Status: Existing Initial Year: 2016 District 1 Location: Erie Rd-69th St E-US301, Parrish				
Comprehensive Plan Information			Project Mgr: Mike Sturm	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

<u>Scope</u>	<u>Project Map</u>
Relocate water lines.	
<u>Rationale</u>	
Utility relocations due to Erie Road Transportation Project.	
<u>Funding Strategy</u>	
Utility Rates	

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	11/15/15	02/15/16	0	0	13,000	0	0	0	0	0	13,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/16	0	0	200,000	0	0	0	0	0	200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	0	213,000	0	0	0	0	0	213,000

<u>Operating Budget Impacts</u>					<u>Means of Financing</u>	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		
					Rates	213,000
					Total Funding:	213,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Potable Transportation Related									
Potable Water Transportation Related	PW01351										
Status: Existing Initial Year: 2020 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Projects associated with Florida Department of Transportation (FDOT) road improvement efforts that involve the moving of utility infrastructure (potable lines) that are in the FDOT right-of-way.											
Rationale											
Per FS 337.103, the county is required to relocate county owned infrastructure in the FDOT right-of-way whenever FDOT projects make this necessary.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/21	0	0	0	0	0	1,000,000	1,000,000	0	2,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	1,000,000	1,000,000	0	2,000,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,000,000
					Total Funding:						2,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Tallevast Road Sidewalk - Utility Relocation						
Potable Water Transportation Related			6044670								
Status: Existing Initial Year: 2016 District 4 Location: Tallevast Road, Bradenton											
Comprehensive Plan Information								Project Mgr: Anthony Benitez			
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
Relocate utilities as necessitated by the sidewalk project for this area.											
Rationale											
Utility lines need to be relocated due to the sidewalk project being completed in this area.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	09/30/16	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/17	0	50,000	0	0	0	0	0	0	50,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	50,000	0	0	0	0	0	0	50,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						50,000
					Total Funding:						50,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	US 301/CR 675 to Moccasin Wallow Road - Water									
Potable Water Transportation Related	6085470										
Status: Existing Initial Year: 2011 District 1 Location: US 301-CR 675-Mocassin Wallow Road, Parrish											
Comprehensive Plan Information		Project Mgr:									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Other Need									
Scope											
Relocation of existing water lines as part of an upgrade to the existing roadway to a four or six lane divided roadway with bike lanes, sidewalks and street lights.											
Rationale											
To relocate existing water lines as part of roadway enhancement project.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/10	06/30/12	0	60,763	0	0	0	0	0	0	60,763
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	12/31/16	61,272	686,711	0	0	0	0	0	0	686,711
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/16	3,683	0	0	0	0	0	0	0	0
Totals:			64,955	747,474	0	0	0	0	0	0	747,474
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						747,474
					Total Funding:						747,474

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Lake Manatee Ultra Filtration Membrane Process Upgrade
Potable Water Treatment	6050470	
Status: Existing Initial Year: 2006 District 1 Location: Waterline Road, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Design and construction of the Water Treatment Plant, retrofitting the present system with an ultra filtration membrane process.	
Rationale	
Existing plant is 45 years old and uses old technology. New technology is needed to meet present day water quality standards. Existing filter basins are at risk for structural failure.	
Funding Strategy	
Debt Proceeds Utility Rates	

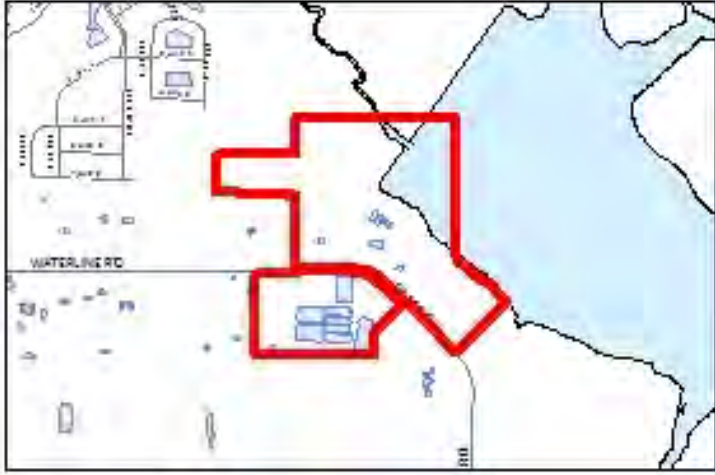
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/06	05/31/17	2,926,237	3,468,440	1,000,000	0	0	0	0	0	4,468,440
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	03/31/20	1,500	4,000,000	2,220,000	39,500,000	0	0	0	0	45,720,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/06	03/31/20	146,697	65,500	280,000	0	0	0	0	0	345,500
Totals:			3,074,433	7,533,940	3,500,000	39,500,000	0	0	0	0	50,533,940

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	7,533,940
Non-Personal:					Debt Proceeds	24,500,000
Operating Capital:					Rates	18,500,000
Operating Total:					Total Funding:	50,533,940
No. of Positions:	0	0	0	0		

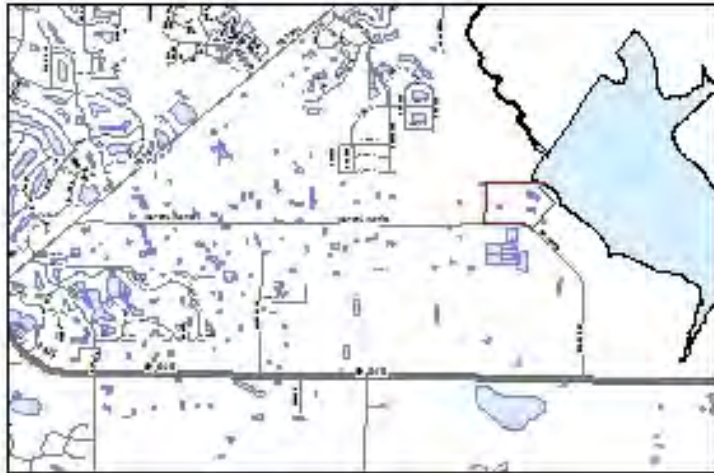
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		Raw Water #2 Motor Control Component Replacement						
Potable Water Treatment			6025974								
Status: Existing Initial Year: 2016 District 1 Location: 17915 Waterline Road, Bradenton											
Comprehensive Plan Information								Project Mgr:			
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance						
Scope						Project Map					
Replacement of the Motor Control Center (MCC) that runs and controls the three pumps located at the Raw Water #2 pumping station. Removal of the existing MCC, including three 400 amp contactors and replacement with most currently available hardware and replacement of each cable run.											
Rationale											
Contactors currently in use in the MCC are obsolete and repair/replacement equipment is not available as the unit is 33 years old. The three pumps controlled by this MCC are used as the primary and/or secondary stations to supply raw water to the Water Treatment Plant.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	05/01/16	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/16	12/31/17	0	898,100	0	0	0	0	0	0	898,100
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	898,100	0	0	0	0	0	0	898,100
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						898,100
					Total Funding:						898,100

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	SCADA Replacement									
Potable Water Treatment	6088670										
Status: Existing Initial Year: 2019 District 1 Location: 17915 Waterline Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace existing SCADA equipment at the Water Treatment Plant, to include hardware and software upgrades. Current equipment is more than 20 years old.											
Rationale											
SCADA equipment is run by HSQ, which is a proprietary, closed platform system. This is good for security, but a replacement system is necessary for data retrieval and reporting.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	250,000	0	0	0	0	0	250,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	2,250,000	0	0	0	0	2,250,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	0	0	12,500	225,000	0	0	0	0	237,500
Totals:			0	0	262,500	2,475,000	0	0	0	0	2,737,500
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,737,500
					Total Funding:						2,737,500

Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water			Project#		WTP Alum Sludge Drying Bed						
Potable Water Treatment			PW01405								
Status: Requested Initial Year: 2019 District 1 Location: 17915 Waterline Road, Bradenton											
<u>Comprehensive Plan Information</u>							Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:							Project Need: Deficiency				
<u>Scope</u>					<u>Project Map</u>						
Add additional alum sludge drying bed to five lagoons currently in operation. This drying bed will increase capacity, versatility, and reliability to ensure adequate facilities are in place to allow required operation and maintenance during wet years, treatment upsets and significant basin rehabilitation.											
<u>Rationale</u>											
Existing beds are sufficient to handle typical conditions, but are limited in handling treatment plant upsets or extended weather that is wetter than normal. As WTP implements the new Biological Treatment Unit and Membrane Upgrade, conventional treatment upsets could affect new processes.											
<u>Funding Strategy</u>											
Utility Rates											
<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/20	03/31/21	0	0	0	0	0	0	124,000	0	124,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/21	12/31/21	0	0	0	0	0	0	620,000	0	620,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/20	12/31/21	0	0	0	0	0	0	124,000	0	124,000
Totals:			0	0	0	0	0	0	868,000	0	868,000
<u>Operating Budget Impacts</u>											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					<u>Means of Financing</u>						
					Funding Sources					Amount	
					Rates					868,000	
					Total Funding:					868,000	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project# 6085870	Water Treatment Plant Biological Treatment Unit			
Potable Water Treatment					
Status: Existing Initial Year: 2014 District 1 Location: 17915 Waterline Road, Bradenton					
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter			
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance			
Scope					
Design and construction of a raw water biological treatment unit.					
Rationale					
Remove the taste and odor causing compounds from surface water from Lake Manatee Water Treatment Plant. Bench and pilot scale tests over the past three years have shown the process to be effective, reliable and robust throughout the year as a biological roughing filter on raw water (pre-treatment) and requires no chemical addition. Recent research has shown the process to be effective in the post settling stage of treatment but requires the addition of nutrients to optimize bacterial growth.					
Funding Strategy					
Debt Proceeds Utility Rates					
Project Map					
					
Schedule of Activities		Programmed Funding			
Activity	From To	Expended to Date Prior Year Approp. FY2017 FY2018 FY2019 FY2020 FY2021 Future Appropriated to Date			
Design:	10/01/13 09/30/15	1,342,959 1,900,000 0 0 0 0 0 0 1,900,000			
Land:		0 0 0 0 0 0 0 0 0			
Construction:	05/01/16 12/31/18	589,535 22,500,000 0 0 0 0 0 0 22,500,000			
Equipment:		0 0 0 0 0 0 0 0 0			
Project Mgt.:	10/01/13 12/31/18	61,808 0 0 0 0 0 0 0 0			
Totals:		1,994,302 24,400,000 0 0 0 0 0 0 24,400,000			
Operating Budget Impacts					
	FY2018	FY2019	FY2020	FY2021	
Personal:					
Non-Personal:	100,000	0	0	0	
Operating Capital:					
Operating Total:	100,000	0	0	0	
No. of Positions:	0	0	0	0	
					Means of Financing
					Funding Sources Amount
					All Prior Funding 24,400,000
					Total Funding: 24,400,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Potable Water	Project#	Water Treatment Plant Motor Control Center "A" Replacement
Potable Water Treatment	6025973	

Status: Existing Initial Year: 2014 District 1 Location: Waterline Road, Bradenton

Comprehensive Plan Information

Project Mgr: **Jeff Streitmatter**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference:

Project Need: **Maintenance**

Scope

Replacement of motor control center at the Water Treatment Plant (WTP). This unit was installed with the original plant in 1965. A newer section of the motor control center was added in 1974 with the expansion of the WTP. This motor control center distributes power to mixers, chemical feed pumps, sludge pumps, surface and back wash pumps, transfer pumps and control systems.

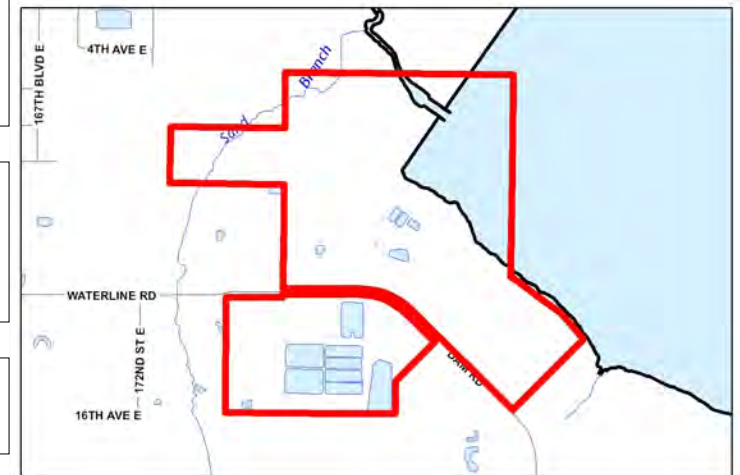
Rationale

Due to the age of the unit, new repair parts are no longer inventoried by the manufacturer. A failure of this unit would result in back-up temporary operation in order to continue to treat surface water.

Funding Strategy

Debt Proceeds
Utility Rates

Project Map



<u>Schedule of Activities</u>			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/15	02/28/16	43,411	140,000	0	0	0	0	0	0	140,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/16	12/31/17	147	760,000	0	0	0	0	0	0	760,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	1,753	0	0	0	0	0	0	0	0
Totals:			45,310	900,000	0	0	0	0	0	0	900,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	900,000
Total Funding:	900,000



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Solid Waste

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	4,059,383	7,498,415	0	0	0	0	0	0	7,498,415
Utilities System Charges	0	0	1,910,000	4,744,000	1,275,000	2,087,000	0	0	10,016,000
Total Source of Funds	4,059,383	7,498,415	1,910,000	4,744,000	1,275,000	2,087,000	0	0	17,514,415

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
Solid Waste	4,059,383	7,498,415	1,910,000	4,744,000	1,275,000	2,087,000	0	0	17,514,415
Total Use of Funds	4,059,383	7,498,415	1,910,000	4,744,000	1,275,000	2,087,000	0	0	17,514,415



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Solid Waste	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Solid Waste									
1 Landfill Operations Storage Building (6008900 / Requested)	0	0	110,000	558,000	0	0	0	0	668,000
2 Lena Road Landfill Disposal Preparation - Stage II (6077200 / Existing)	3,981,133	6,090,000	0	0	0	0	0	0	6,090,000
3 Lena Road Landfill Gas Collection Expansion, Stage III, Phase III (6008205 / Existing)	28,046	360,000	1,800,000	0	0	0	0	0	2,160,000
4 Lena Road Landfill Gas Electric Generation - Phase II (6008204 / Existing)	50,204	1,048,415	0	4,000,000	1,000,000	0	0	0	6,048,415
5 Lena Road Stage II Gas Expansion Phase I (SW01399 / Requested)	0	0	0	0	275,000	1,534,000	0	0	1,809,000
6 Scalehouse Office Expansion (SW01295 / Existing)	0	0	0	186,000	0	553,000	0	0	739,000
Solid Waste	4,059,383	7,498,415	1,910,000	4,744,000	1,275,000	2,087,000	0	0	17,514,415



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Solid Waste	Project# 6008900	Landfill Operations Storage Building									
Status: Requested Initial Year: 2017 District 5 Location: Lena Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Deficiency									
Scope											
Design, permit and construct 3,600 sq. ft. (120' x 30') building for storage, and an area for welding.											
Rationale											
Building will be used for general repairs to equipment, which are currently done outdoors, including welding. The building will also be used to store supplies, some of which cannot be stored in the Landfill Operations building due to fire regulations. The building will enable staff to store spare equipment, tires and other supplies currently stored outdoors and exposed to the weather.											
Funding Strategy											
Solid Waste Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	12/31/17	0	0	110,000	0	0	0	0	0	110,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	523,000	0	0	0	0	523,000
Equipment:			0	0	0	35,000	0	0	0	0	35,000
Project Mgt.:	10/01/16	12/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	110,000	558,000	0	0	0	0	668,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	0	3,500	4,500	4,500							
Operating Capital:											
Operating Total:	0	3,500	4,500	4,500							
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources										Amount	
Utilities System Charges										668,000	
Total Funding:										668,000	

Fiscal Year 2017 - 2021 Capital Improvement Program



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Solid Waste	Project# 6008205	Lena Road Landfill Gas Collection Expansion, Stage III, Phase III

Status: Existing Initial Year: 2014 District 5 Location: Lena Road, Bradenton

Comprehensive Plan Information

Project Mgr: **Sherri Robinson**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Installation of 63 additional well heads as part of the gas collection system starting at the perimeter of the refuse mound and working inward and upward.

Project Map



Rationale

As buried refuse deteriorates, the gas collection system collects and controls the emission of methane gas into a piping system which reroutes the gas to be used as energy.

Funding Strategy

Solid Waste Rates

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/15	09/30/16	26,836	360,000	0	0	0	0	0	0	360,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/18	0	0	1,800,000	0	0	0	0	0	1,800,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/18	1,210	0	0	0	0	0	0	0	0
Totals:			28,046	360,000	1,800,000	0	0	0	0	0	2,160,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:	5,000	0	0	0
Operating Capital:				
Operating Total:	5,000	0	0	0
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	360,000
Utilities System Charges	1,800,000
Total Funding:	2,160,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Solid Waste	Project# 6008204	Lena Road Landfill Gas Electric Generation - Phase II											
Status: Existing Initial Year: 2013 District 5 Location: Lena Road, Bradenton													
Comprehensive Plan Information		Project Mgr: Sherri Robinson											
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need													
Scope													
Construct gas electric facility so the landfill can utilize available methane gas using additional gas electric generators.													
Rationale													
To realize the potential in using landfill gas as a resource to generate power.													
Funding Strategy													
Solid Waste Rates													
Project Map 													
Schedule of Activities													
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						Appropriated to Date		
Design:	10/01/14	12/31/17	48,403	1,048,415	0	0	0	0	0	0	0	1,048,415	
Land:			0	0	0	0	0	0	0	0	0	0	
Construction:	10/01/17	12/31/20	0	0	0	4,000,000	1,000,000	0	0	0	0	5,000,000	
Equipment:			0	0	0	0	0	0	0	0	0	0	
Project Mgt.:	10/01/14	12/31/20	1,801	0	0	0	0	0	0	0	0	0	
Totals:			50,204	1,048,415	0	4,000,000	1,000,000	0	0	0	0	6,048,415	
Operating Budget Impacts													
	FY2018	FY2019	FY2020	FY2021	Means of Financing								
Personal:					Funding Sources								Amount
Non-Personal:					All Prior Funding								1,048,415
Operating Capital:					Utilities System Charges								5,000,000
Operating Total:					Total Funding:								6,048,415
No. of Positions:	0	0	0	0									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Solid Waste	Project# SW01399	Lena Road Stage II Gas Expansion Phase I																																																																																															
Status: Requested Initial Year: 2019 District 5 Location: Lena Road, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Design the landfill Gas Expansion in Stage II Phase I, which includes 50 gas wells, along with 18" HDPE header line, 12" sub headers, and 6" HDPE laterals and valves. Rationale As buried refuse deteriorates, the gas collection system collects and controls the emission of methane in to the piping system, which reroutes the gas to be used as energy. This eliminates odor and keeps the landfill in compliance with Title V air permit requirements. Funding Strategy Solid Waste Rates Project Map																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th style="text-align: left;">Activity</th> <th style="text-align: left;">From</th> <th style="text-align: left;">To</th> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/18</td> <td>12/31/19</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">275,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">275,000</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Construction:</td> <td>10/01/19</td> <td>12/31/20</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,370,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,370,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/18</td> <td>12/31/20</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">164,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">164,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">275,000</td> <td style="text-align: center;">1,534,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,809,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/18	12/31/19	0	0	0	0	275,000	0	0	0	275,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/19	12/31/20	0	0	0	0	0	1,370,000	0	0	1,370,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/18	12/31/20	0	0	0	0	0	164,000	0	0	164,000	Totals:			0	0	0	0	275,000	1,534,000	0	0	1,809,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/18	12/31/19	0	0	0	0	275,000	0	0	0	275,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/19	12/31/20	0	0	0	0	0	1,370,000	0	0	1,370,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/18	12/31/20	0	0	0	0	0	164,000	0	0	164,000																																																																																						
Totals:			0	0	0	0	275,000	1,534,000	0	0	1,809,000																																																																																						
Operating Budget Impacts																																																																																																	
	FY2018	FY2019	FY2020	FY2021		Means of Financing																																																																																											
Personal:						Funding Sources																																																																																											
Non-Personal:	0	0	0	15,000		Amount																																																																																											
Operating Capital:						Utilities System Charges																																																																																											
Operating Total:	0	0	0	15,000		Total Funding:																																																																																											
No.of Positions:	0	0	0	0		1,809,000																																																																																											

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Solid Waste	Project# SW01295	Scalehouse Office Expansion											
Status: Existing Initial Year: 2018 District 5 Location: Lena Road, Bradenton													
Comprehensive Plan Information		Project Mgr: Tom Yarger											
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Deficiency													
Scope													
Design, permit and build a 1,560 sq. ft. office building for the Lena Road Landfill Scalehouse.													
Rationale													
Additional space required for staff and record storage.													
Funding Strategy													
Solid Waste Rates													
													
Schedule of Activities													
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						Appropriated to Date		
Design:	10/01/17	12/31/18	0	0	0	186,000	0	0	0	0	0	186,000	
Land:			0	0	0	0	0	0	0	0	0	0	
Construction:	10/01/19	12/31/20	0	0	0	0	0	553,000	0	0	0	553,000	
Equipment:			0	0	0	0	0	0	0	0	0	0	
Project Mgt.:	10/01/18	12/31/20	0	0	0	0	0	0	0	0	0	0	
Totals:			0	0	0	186,000	0	553,000	0	0	0	739,000	
Operating Budget Impacts													
	FY2018	FY2019	FY2020	FY2021	Means of Financing								
Personal:					Funding Sources								Amount
Non-Personal:					Utilities System Charges								739,000
Operating Capital:					Total Funding:								739,000
Operating Total:													
No. of Positions:	0	0	0	0									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Stormwater

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	27,033,412	32,313,597	0	0	0	0	0	0	32,313,597
Stormwater Capital Improvements	0	0	1,860,000	0	35,000	1,800,000	0	0	3,695,000
Tourist Development Tax	0	0	1,800,000	0	0	0	0	0	1,800,000
Total Source of Funds	27,033,412	32,313,597	3,660,000	0	35,000	1,800,000	0	0	37,808,597

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
Stormwater	27,033,412	32,313,597	3,660,000	0	35,000	1,800,000	0	0	37,808,597
Total Use of Funds	27,033,412	32,313,597	3,660,000	0	35,000	1,800,000	0	0	37,808,597



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Stormwater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Stormwater									
1 CR675 Canal Piping (6044400 / Existing)	3,397	1,221,000	0	0	0	0	0	0	1,221,000
2 Coquina Beach Drainage Improvements (6005719 / Existing)	67,993	88,000	1,800,000	0	0	0	0	0	1,888,000
3 Pipe Canal W83 (Baywest Canal) (6044500 / Existing)	40,673	825,000	160,000	0	0	0	0	0	985,000
4 Storm Drain Replacement / Rehabilitation (ST01396 / Requested)	0	0	750,000	0	0	0	0	0	750,000
5 Tallevast Road Storm Pipe Replacement (ST01296 / Existing)	0	0	0	0	35,000	1,800,000	0	0	1,835,000
6 Tangelo Park Storm Drain Rehabilitation (6039600 / Requested)	0	0	450,000	0	0	0	0	0	450,000
7 Wares Creek - Canal Dredging (6028801 / Existing)	26,921,349	30,179,597	500,000	0	0	0	0	0	30,679,597
Stormwater	27,033,412	32,313,597	3,660,000	0	35,000	1,800,000	0	0	37,808,597



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Stormwater	Project# 6044400	CR675 Canal Piping																																																																																															
Status: Existing Initial Year: 2015 District 1 Location: CR675 , Parrish																																																																																																	
Comprehensive Plan Information		Project Mgr: William Lorenzo																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope		Project Map																																																																																															
Pipe canal located on the south side of CR675, beginning east of the Foxbrook subdivision and continuing west approximately 2,000 feet then curving southwest and crossing under Rye Road. The proximity of the canal to CR675 in addition to the depth and sandy soils on the canal bank cause erosion to the canal banks.																																																																																																	
Rationale																																																																																																	
Repairs are difficult to complete, as equipment works directly from the road surface and over a guardrail. Piping the canal would reduce maintenance costs and improve drainage in to the piped system.																																																																																																	
Funding Strategy																																																																																																	
Stormwater Capital Improvements																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/14	12/31/16	0	110,000	0	0	0	0	0	0	110,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/01/17	12/31/17	282	1,111,000	0	0	0	0	0	0	1,111,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/14	12/31/17	3,115	0	0	0	0	0	0	0	0																																																																																						
Totals:			3,397	1,221,000	0	0	0	0	0	0	1,221,000																																																																																						
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Personal:					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: right;">Amount</th> </tr> </thead> <tbody> <tr> <td>All Prior Funding</td> <td style="text-align: right;">1,221,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">1,221,000</td> </tr> </tbody> </table>		Funding Sources	Amount	All Prior Funding	1,221,000	Total Funding:	1,221,000																																																																																					
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Total Funding:	1,221,000																																																																																																
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Stormwater	Project# 6005719	Coquina Beach Drainage Improvements
Status: Existing Initial Year: 2015 District 3 Location: Coquina Beach		
Comprehensive Plan Information		Project Mgr: Mike Sturm
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Identify site specific flood alleviation alternatives and water quality best management practices within the Coquina Beach public parking areas. The project extends from the landward side of Longboat Pass to north of the beach restroom facility parking area (approximately 4,200 feet), with location specific internal site improvements to be determined during the conceptual design alternatives evaluation.	
Rationale	
The Coquina Beach public parking areas gradually drain south toward Longboat Pass, but periodically flood to depths of 6" to 18" during prolonged or high intensity rainfalls. This creates a nuisance to the public utilizing the beach and associated facilities, creates additional maintenance issues due to shell parking wash-outs, reduces access to available parking spaces and creates unsightly conditions.	
Funding Strategy	
Stormwater Capital Improvements Tourist Development Tax - Subject to Approval	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	09/30/16	61,748	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/16	0	88,000	1,800,000	0	0	0	0	0	1,888,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	08/01/15	12/31/16	6,246	0	0	0	0	0	0	0	0
Totals:			67,993	88,000	1,800,000	0	0	0	0	0	1,888,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	88,000
Non-Personal:					Tourist Development Tax	1,800,000
Operating Capital:					Total Funding:	1,888,000
Operating Total:						
No. of Positions:	0	0	0	0		

Fiscal Year 2017 - 2021 Capital Improvement Program

Stormwater			Project# 6044500		Pipe Canal W83 (Baywest Canal)						
Status: Existing Initial Year: 2015 District 3 Location: 71st Street West/4th Avenue West, Bradenton											
Comprehensive Plan Information					Project Mgr: William Lorenzo						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Growth						
Scope					Project Map						
Pipe 1,200 feet of Baywest canal with 58" x 91" reinforced concrete pipe. Also install catch basins.											
Rationale											
Reduce flood potential and debris in canal.											
Funding Strategy											
Stormwater Capital Improvements											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	03/31/16	28,786	75,000	0	0	0	0	0	0	75,000
Land:			0	0	50,000	0	0	0	0	0	50,000
Construction:	04/01/16	06/30/17	305	750,000	110,000	0	0	0	0	0	860,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/30/17	11,582	0	0	0	0	0	0	0	0
Totals:			40,673	825,000	160,000	0	0	0	0	0	985,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources		Amount				
					All Prior Funding		825,000				
					Stormwater Capital Improvements		160,000				
					Total Funding:		985,000				

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Stormwater	Project# ST01396	Storm Drain Replacement / Rehabilitation									
Status: Requested Initial Year: 2017 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Deficiency											
Scope											
Replace and rehabilitate 2,100 linear feet of storm drain in several identified areas within the county.											
Rationale											
Storm drain pipe is deteriorated and needs rehabilitation to prevent flooding of streets and private property.											
Funding Strategy											
Stormwater Capital Improvements											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	12/31/16	0	0	150,000	0	0	0	0	0	150,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/17	12/31/17	0	0	600,000	0	0	0	0	0	600,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	750,000	0	0	0	0	0	750,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Stormwater Capital Improvements						750,000
					Total Funding:						750,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Stormwater	Project# ST01296	Tallevast Road Storm Pipe Replacement									
Status: Existing Initial Year: 2019 District 4 Location: Tallevast Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Deficiency									
Scope											
Complete a detail subsurface investigation, storm pipe inspection and rehabilitation of 2,400 linear feet of 60" storm drain on Tallevast Road from Prospect to the terminus of the pipe.											
Rationale											
This section of four lane road is served by a 60" diameter storm pipe running the length of the roadway on the south side of the road. Since construction, settlement and/or leaking pipe joints have caused voids under the road surface and issues with the integrity of the road surface. This project will investigate the settlement of the pipe, integrity of the pipe joints and soil, voids existing under the road, and identify repair options. Repair methods may include removal and replacement of storm pipe, point repair of joints and/or lining of the pipe.											
Funding Strategy											
Stormwater Capital Improvements											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	12/31/20	0	0	0	0	35,000	0	0	0	35,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/20	0	0	0	0	0	1,800,000	0	0	1,800,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	35,000	1,800,000	0	0	1,835,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Stormwater Capital Improvements						1,835,000
					Total Funding:						1,835,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Stormwater	Project# 6039600	Tangelo Park Storm Drain Rehabilitation									
Status: Requested Initial Year: 2017 District 4 Location: Orlando Avenue, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Deficiency									
Scope		Project Map									
Replace and rehabilitate 2,250 linear feet of storm drain.											
Rationale											
Storm drain pipe is deteriorated and needs rehabilitation to prevent flooding of streets and private property.											
Funding Strategy											
Stormwater Capital Improvements											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	12/31/16	0	0	100,000	0	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/17	12/31/17	0	0	350,000	0	0	0	0	0	350,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	450,000	0	0	0	0	0	450,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Stormwater Capital Improvements						450,000
					Total Funding:						450,000

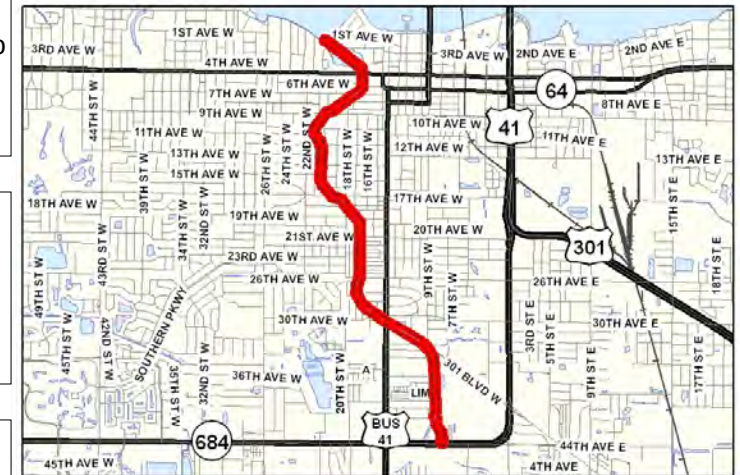
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Stormwater	Project# 6028801	Wares Creek - Canal Dredging
Status: Existing Initial Year: 1995 Countywide Location: Manatee Avenue-US 41, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope

Dredge from the mouth of Wares Creek to 9th Avenue West, clear and snag debris from 9th Avenue West to 17th Avenue West, and excavate for widening the creek from 17th Avenue West to 21st Avenue West. Also, widen seawall from 1st Avenue West to 30th Avenue West, and widen with trapezoidal channel from 30th Avenue West to near Cortez Road.

Project Map



Rationale

To accomodate expanded peak stream flow capacity, better accomodate heavy rainfall events and limit flood occurences.

Funding Strategy

Dredging Capital Projects Fund
Stormwater Capital Improvements

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Appropriated to Date
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	
Design:	05/31/97	10/31/09	4,835,213	2,745,431	0	0	0	0	0	0	2,745,431
Land:	05/26/04	12/31/16	17,873,680	19,854,842	500,000	0	0	0	0	0	20,354,842
Construction:	07/01/11	12/31/16	3,051,470	5,192,508	0	0	0	0	0	0	5,192,508
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/31/97	12/31/16	1,160,986	2,386,816	0	0	0	0	0	0	2,386,816
Totals:			26,921,349	30,179,597	500,000	0	0	0	0	0	30,679,597

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:	25,000	0	0	0
Operating Capital:				
Operating Total:	25,000	0	0	0
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	30,179,597
Stormwater Capital Improvements	500,000
Total Funding:	30,679,597



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Transportation

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	89,158,971	173,383,492	0	0	0	0	0	0	173,383,492
Debt Proceeds	0	0	45,364,000	22,000,000	3,310,000	0	0	0	70,674,000
Gas Taxes	0	0	3,980,000	2,197,700	1,380,600	0	0	0	7,558,300
Impact Fees	0	0	2,018,750	1,780,000	9,750,000	0	0	0	13,548,750
Other	0	0	0	0	1,300,000	0	0	0	1,300,000
Total Source of Funds	89,158,971	173,383,492	51,362,750	25,977,700	15,740,600	0	0	0	266,464,542

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
Transportation	89,158,971	173,383,492	51,362,750	25,977,700	15,740,600	0	0	0	266,464,542
Total Use of Funds	89,158,971	173,383,492	51,362,750	25,977,700	15,740,600	0	0	0	266,464,542



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Transportation	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Transportation									
1 12th Street East - 57th Avenue East - 61st Avenue Terrace East - CRA Sidewalks - Road (6059560 / Existing)	123,451	522,291	0	0	0	0	0	0	522,291
2 17th Street East (Memphis Road) at 28th Avenue East Railroad Improvements (TR01128 / Existing)	0	0	0	110,000	0	0	0	0	110,000
3 44th Ave E - 45th Street - 44th Avenue Plaza East (6086960 / Existing)	1,633,787	7,170,000	22,400,000	16,500,000	3,310,000	0	0	0	49,380,000
4 44th Avenue East - 15th Street East - 19th Street Court East (6045661 / Existing)	7,188,088	9,307,881	0	0	0	0	0	0	9,307,881
5 44th Avenue East - 19th Street Court East - 30th Street East (6045660 / Existing)	10,183,584	20,805,090	0	0	0	0	0	0	20,805,090
6 44th Avenue East - 30th Street East - 45th Street East (6071160 / Existing)	10,895,305	17,770,895	250,000	0	0	0	0	0	18,020,895
7 44th Avenue East - 44th Ave Plaza E - Lakewood Ranch Boulevard (6045662 / Existing)	1,247,415	4,061,000	19,964,000	5,500,000	0	0	0	0	29,525,000
8 44th Avenue East - US 41 - 15th Street East (6001060 / Existing)	10,036,449	11,467,867	0	0	0	0	0	0	11,467,867
9 45th Street East - 44th Avenue East - SR 70 (6025662 / Existing)	2,712,542	5,700,000	3,560,000	0	0	0	0	0	9,260,000
10 53rd Avenue West - 43rd Street West - 75th Street West (6082960 / Existing)	1,929,791	6,810,224	0	0	0	0	0	0	6,810,224
11 60th Avenue East - US301 / Outlet Mall Entrance (6083160 / Existing)	0	310,000	0	705,000	2,250,000	0	0	0	3,265,000
12 63rd Avenue East at 33rd Street East Intersection (6041860 / Existing)	0	261,000	0	0	0	0	0	0	261,000
13 67th Avenue East - 18th Street East Railroad Improvements (TR01126 / Existing)	0	0	0	220,000	0	0	0	0	220,000
14 9th Street East - 53rd Avenue East - 57th Avenue East (6040460 / Existing)	6,329,435	9,335,676	0	0	0	0	0	0	9,335,676
15 9th Street East - CSX Railroad Crossing (6082560 / Existing)	411,453	434,950	0	0	0	0	0	0	434,950
16 Advanced Traffic Management System Expansion - University Parkway (6052010 / Existing)	79,413	387,500	0	0	0	0	0	0	387,500

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Transportation	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
17 Ancient Oaks Subdivision (6053260 / Existing)	0	844,000	0	0	0	0	0	0	844,000
18 CDBG Funded Sidewalk - 21st St E-US 41N-12th Ave E - Palmetto (6012609 / Existing)	145,158	382,000	0	0	0	0	0	0	382,000
19 Cortez Road - 43rd Street West Intersection (TR01202 / Existing)	0	0	0	62,700	480,600	0	0	0	543,300
20 Cortez Road - 86th Street West Intersection (6082160 / Existing)	524,549	603,509	0	0	0	0	0	0	603,509
21 Ellenton Gillette Road - Mendoza Road (37th Street East) Intersection Improvements (TR00542 / Existing)	0	0	0	200,000	1,300,000	0	0	0	1,500,000
22 Ellenton Gillette Road - US 301 / Moccasin Wallow Road (6084560 / Existing)	949,587	2,725,000	2,000,000	1,550,000	0	0	0	0	6,275,000
23 Ellenton Gillette at 69th Street (6084061 / Existing)	0	0	300,000	0	0	0	0	0	300,000
24 Erie Road - 69th Street East - US 301 - East/West Phase (6082861 / Existing)	10,874	900,000	0	0	0	0	0	0	900,000
25 Erie Road - US 301 - 69th Street East - North/South Phase (6082860 / Existing)	226,011	3,625,000	0	0	0	0	0	0	3,625,000
26 Force Main 13A Sidewalk (6049100 / Existing)	0	172,320	0	0	0	0	0	0	172,320
27 Fort Hamer / Upper Manatee River Road - Bridge (6035560 / Existing)	19,265,239	32,727,823	0	0	0	0	0	0	32,727,823
28 Fort Hamer Road - US 301 to Future Fort Hamer Bridge (6054764 / Existing)	4,835,997	8,634,789	0	0	0	0	0	0	8,634,789
29 Greenbrook Underdrain Replacement (6036360 / Existing)	49	665,000	0	0	0	0	0	0	665,000
30 Lakewood Ranch Boulevard ATMS (TR01337 / Existing)	0	0	0	400,000	300,000	0	0	0	700,000
31 Lakewood Ranch Boulevard Re-Base (6049960 / Existing)	0	0	1,330,000	0	0	0	0	0	1,330,000
32 Land Acquisition - Countywide (6053913 / Existing)	67,373	1,169,143	0	0	0	0	0	0	1,169,143
33 Lockwood Ridge Road - 56th Avenue Terrace East - Whitfield Avenue (6009361 / Existing)	0	891,000	0	0	0	0	0	0	891,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Transportation	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
34 Moccasin Wallow Road - US 41 to Gateway Boulevard (TR01086 / Existing)	0	0	0	675,000	7,200,000	0	0	0	7,875,000
35 Morgan Johnson Sidewalk - 44th Avenue East - SR 64 (6049761 / Existing)	506,132	830,000	0	0	0	0	0	0	830,000
36 Port Harbour Parkway Extension (6076660 / Existing)	0	2,299,202	0	0	0	0	0	0	2,299,202
37 Rowlett Elementary School Sidewalks (6044160 / Existing)	1,315,561	2,141,441	0	0	0	0	0	0	2,141,441
38 Rye Road - SR 64 - Southbound Right Turn Lane (6086161 / Existing)	0	0	813,750	0	0	0	0	0	813,750
39 Rye Road - SR 64 - Upper Manatee River Road (6086160 / Existing)	215,232	2,769,200	0	0	0	0	0	0	2,769,200
40 SR 64 - 57th Street East (Morgan Johnson) Intersection (6086360 / Existing)	392,823	613,777	0	0	0	0	0	0	613,777
41 SR 70 at Lockwood Ridge Road Northbound (6082361 / Existing)	0	0	345,000	0	0	0	0	0	345,000
42 Sunny Shores Mobile Home Park (6022960 / Existing)	23,986	560,500	0	0	0	0	0	0	560,500
43 Tallevast Road Railroad Crossing Replacement (6059361 / Existing)	0	10,000	400,000	0	0	0	0	0	410,000
44 Tallevast Road Sidewalks (6044600 / Existing)	186,873	1,697,000	0	0	0	0	0	0	1,697,000
45 US 301 - Ellenton Gillette Road Intersection Improvements (6035161 / Existing)	513,746	3,060,000	0	0	0	0	0	0	3,060,000
46 US 301 - Fort Hamer Road Intersection (6061960 / Existing)	4,400,244	6,650,000	0	0	0	0	0	0	6,650,000
47 US 301 - Tallevast Road - Capacity Improvements (6083906 / Existing)	540,493	799,616	0	0	0	0	0	0	799,616
48 University Parkway at Waterview (6086260 / Existing)	757,185	757,186	0	0	0	0	0	0	757,186
49 Upper Manatee River Road - SR 64 to Curve (6082660 / Existing)	1,511,146	3,511,612	0	0	0	0	0	0	3,511,612
50 Wauchula Road Over Young's Creek Bridge Replacement (TR01346 / Existing)	0	0	0	55,000	900,000	0	0	0	955,000
Transportation	89,158,971	173,383,492	51,362,750	25,977,700	15,740,600	0	0	0	266,464,542



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6059560	12th Street East - 57th Avenue East - 61st Avenue Terrace East - CRA Sidewalks - Road

Status: Existing Initial Year: 2016 District 4 Location: 12th St E-57th Ave E-61st Ave Terr E, Bradenton

Comprehensive Plan Information

Project Mgr: **Anthony Benitez**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Construction of new sidewalks and to provide adequate drainage in the area.

Project Map



Rationale

To upgrade neighborhoods, provide designated safe walking routes, and provide additional drainage.

Funding Strategy

CRA - Community Redevelopment Funding

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/15	12/31/16	99,665	99,022	0	0	0	0	0	0	99,022
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/16	192	418,568	0	0	0	0	0	0	418,568
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/16	23,593	4,701	0	0	0	0	0	0	4,701
Totals:			123,451	522,291	0	0	0	0	0	0	522,291

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	522,291
Total Funding:	522,291

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project#	17th Street East (Memphis Road) at 28th Avenue East Railroad Improvements									
TR01128											
Status: Existing Initial Year: 2014 District 2 Location: 17th St East- 28th Av E, Palmetto											
Comprehensive Plan Information				Project Mgr: Jeff Streitmatter							
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope			Project Map								
Design, permitting and construction of a replacement railroad crossing surface for 17th Street East.											
Rationale											
The current crossing condition is deteriorating to the point where it will be needing replacement. The crossing will be replaced with a concrete wearing surface with an estimated life of 50 years.											
Funding Strategy											
Gas Taxes											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	12/31/17	0	0	0	10,000	0	0	0	0	10,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/18	12/31/18	0	0	0	100,000	0	0	0	0	100,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	110,000	0	0	0	0	110,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Gas Taxes						110,000
					Total Funding:						110,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6086960	44th Ave E - 45th Street - 44th Avenue Plaza East																																																																																															
Status: Existing Initial Year: 2014 District 5 Location: 44th Ave E - 45th Street - 44th Avenue Plaza East, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Taha Ataya																																																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
<u>Scope</u> Includes construction of 1.3 miles of roadway improvements from 45th Street East to 44th Avenue Plaza East, to include a four-lane divided roadway with sidewalks, bike lanes, street lighting, and a bridge crossing the Braden River. This section will include four 12-foot lanes, a 22-foot median, curb and gutter, 4-foot bike lanes, and 5-foot sidewalks in each direction. Morgan Johnson Road and Caruso Road will be realigned to connect at a single intersection on 44th Avenue East. <u>Rationale</u> To provide an east/west thoroughfare to support anticipated increase in capacity and help maintain the county's adopted levels of service for surrounding roadways including SR 70 and SR 64. This thoroughfare should help alleviate demand at the I-75/SR 64 and I-75/SR 70 interchanges. This project is part of the county's Comprehensive Plan. <u>Funding Strategy</u> Impact Fees Debt Proceeds Project Map 																																																																																																	
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No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6045661	44th Avenue East - 15th Street East - 19th Street Court East									
Status: Existing Initial Year: 2002 District 4 Location: 44th Avenue East - 15th Street East - 19th Street Court East, Bradenton											
Comprehensive Plan Information		Project Mgr: William Lorenzo									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope		Project Map									
Construction of a four lane divided roadway with bike lanes, sidewalks and street lights.											
Rationale											
To provide a future east/west thoroughfare to support anticipated increase in capacity and to relieve demands on SR 70 and SR 64. This project opens up access from 15th Street East into the Manasota Industrial Park to 19th Street Court East, and creates a crossing over the CSX railroad.											
Funding Strategy											
2004 Transportation Bonds Debt Proceeds Gas Taxes Impact Fees											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	11/01/01	12/31/13	525,165	325,000	0	0	0	0	0	0	325,000
Land:	10/01/10	03/31/13	2,267,102	1,814,959	0	0	0	0	0	0	1,814,959
Construction:	04/01/13	12/31/16	3,697,783	6,654,375	0	0	0	0	0	0	6,654,375
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	11/01/01	12/31/16	698,039	513,547	0	0	0	0	0	0	513,547
Totals:			7,188,088	9,307,881	0	0	0	0	0	0	9,307,881
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	7,000	7,000	7,000	7,000							
Operating Capital:											
Operating Total:	7,000	7,000	7,000	7,000							
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources											Amount
All Prior Funding											9,307,881
Total Funding:											9,307,881

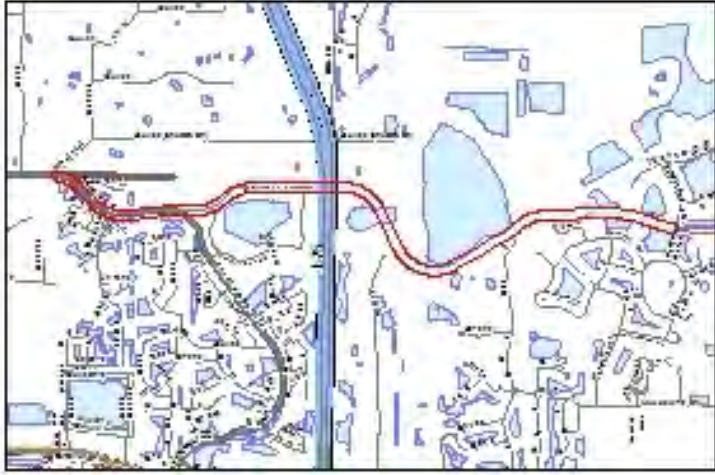
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6045660	44th Avenue East - 19th Street Court East - 30th Street East									
Status: Existing Initial Year: 2002 District 4 Location: 44th Ave East-19th St Ct E-30th St E, Bradenton											
Comprehensive Plan Information		Project Mgr: William Lorenzo									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construction of a four-lane divided roadway with bike lanes, sidewalks, and streetlights to provide a future east-to-west thoroughfare.											
Rationale											
Level of service failures of SR 70 and SR 64 require construction of a new east/west roadway.											
Funding Strategy											
2004 Transportation Bonds Debt Proceeds Gas Taxes Impact Fees											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/02	01/31/15	1,276,614	1,379,730	0	0	0	0	0	0	1,379,730
Land:	01/01/14	12/31/15	5,537,131	3,922,087	0	0	0	0	0	0	3,922,087
Construction:	01/01/15	06/30/17	3,166,524	13,550,773	0	0	0	0	0	0	13,550,773
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/02	06/30/17	203,315	1,952,500	0	0	0	0	0	0	1,952,500
Totals:			10,183,584	20,805,090	0	0	0	0	0	0	20,805,090
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	35,000	35,000	0	0							
Operating Capital:											
Operating Total:	35,000	35,000	0	0							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						20,805,090
					Total Funding:						20,805,090

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6071160	44th Avenue East - 30th Street East - 45th Street East																																																																																															
Status: Existing Initial Year: 2009 Multi-district Location: 44th Ave E-30th St E-45th St E, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: William Lorenzo																																																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope Construction of 1.3 miles of roadway improvements to include a four-lane divided roadway with bike lanes, sidewalks and street lighting. This section will include four 12-foot lanes, a 22-foot median, curb and gutter, 4-foot bike lanes, and 5-foot sidewalks in each direction. Project Map																																																																																																	
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No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6045662	44th Avenue East - 44th Ave Plaza E - Lakewood Ranch Boulevard									
Status: Existing Initial Year: 2015 District 5 Location: 44th Ave E-44th Ave Plaza E - Lakewood Ranch Blvd, Bradenton											
Comprehensive Plan Information		Project Mgr: Taha Ataya									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Includes construction of 2.8 miles of roadway improvements from 44th Avenue Plaza East to Lakewood Ranch Boulevard. Includes a four-lane divided roadway with sidewalks, bike lanes/multi-use path, and street lighting, an overpass over I-75, and a crossing over a reclaimed water storage lake. This section will include four, 12-foot lanes, a 22-foot median, curb and gutter, 4-foot bike lanes, and 5-foot sidewalks in each direction.											
Rationale											
Provide an east/west thoroughfare to support anticipated increase in capacity and help maintain the county's adopted levels of service for surrounding roadways including SR 70 and SR 64. This thoroughfare should help alleviate demand at the I-75/SR 64 and I-75/SR 70 interchanges. This project is part of the county's Comprehensive Plan.											
Funding Strategy											
Debt Proceeds											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	03/01/15	06/30/16	306,191	2,181,000	0	0	0	0	0	0	2,181,000
Land:	10/01/16	12/31/18	899,550	1,480,000	0	0	0	0	0	0	1,480,000
Construction:	08/01/16	12/31/19	9,267	400,000	19,964,000	5,500,000	0	0	0	0	25,864,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/19	32,408	0	0	0	0	0	0	0	0
Totals:			1,247,415	4,061,000	19,964,000	5,500,000	0	0	0	0	29,525,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	0	0	3,000	3,000							
Operating Capital:											
Operating Total:	0	0	3,000	3,000							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						4,061,000
					Debt Proceeds						25,464,000
					Total Funding:						29,525,000

Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation			Project# 6001060		44th Avenue East - US 41 - 15th Street East				
Status: Existing Initial Year: 2002 District 4 Location: 44th Ave East - US 41-15th St E, Bradenton									
Comprehensive Plan Information					Project Mgr: William Lorenzo				
CIE Project: Yes LOS/Concurrency: No Plan Reference:					Project Need: Growth				
Scope					Project Map				
Upgrade existing roadway to a three-lane roadway from US 41 to 15th Street East.									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6025662	45th Street East - 44th Avenue East - SR 70

Status: Existing Initial Year: 2013 District 5 Location: 45th Street East, Bradenton

Comprehensive Plan Information

Project Mgr: **Taha Ataya**

CIE Project: **Yes** LOS/Concurrency: **Yes** Plan Reference:

Project Need: **Growth**

Scope

Construction to upgrade approximately 1.5 miles of an existing two-lane roadway to a four-lane roadway. Includes grassed medians, additional turn lanes, sidewalks, bike lanes, bridge widening over gap creek, roadway lighting, and signalization at 44th Avenue East and 45th Street East.

Project Map



Rationale

Expand service to provide an enhanced connection from 44th Avenue East to SR 70.

Funding Strategy

Debt Proceeds
Gas Taxes
Impact Fees

<u>Schedule of Activities</u>			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	01/31/16	1,177,470	0	0	0	0	0	0	0	0
Land:	07/01/14	08/30/16	1,435,520	0	560,000	0	0	0	0	0	560,000
Construction:	11/01/15	12/31/18	10,594	5,640,000	3,000,000	0	0	0	0	0	8,640,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/18	88,958	60,000	0	0	0	0	0	0	60,000
Totals:			2,712,542	5,700,000	3,560,000	0	0	0	0	0	9,260,000

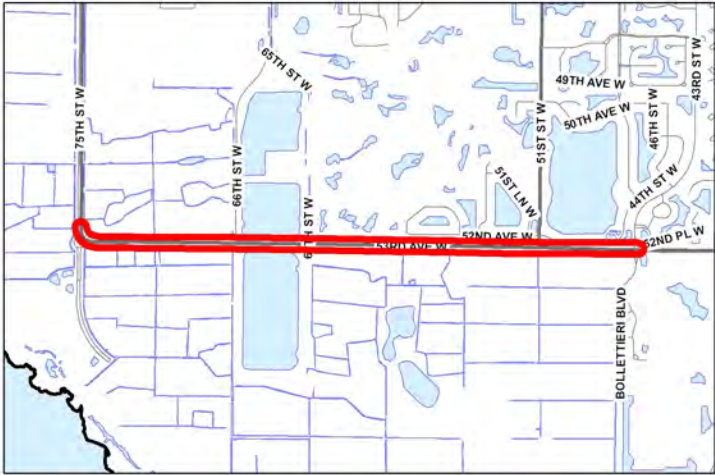
Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:	0	0	21,000	21,000
Operating Capital:				
Operating Total:	0	0	21,000	21,000
No. of Positions:	0	0	0	0

Means of Financing

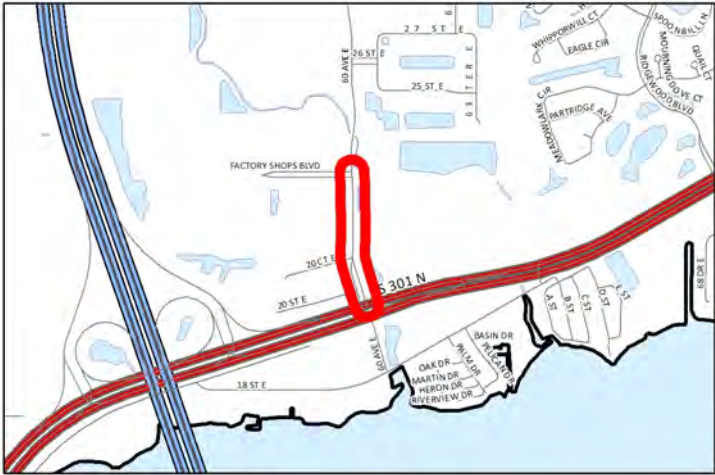
Funding Sources	Amount
All Prior Funding	5,700,000
Debt Proceeds	3,000,000
Impact Fees	560,000
Total Funding:	9,260,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6082960	53rd Avenue West - 43rd Street West - 75th Street West																																																																																															
Status: Existing Initial Year: 2012 District 3 Location: 53rd Avenue West, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Anthony Benitez																																																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope Widen existing two lane roadway segment to four lanes. Project Map 																																																																																																	
Rationale Expand service to enhance traffic flow on 53rd Avenue West and relieve traffic on Cortez Road.																																																																																																	
Funding Strategy Impact Fees Gas Taxes																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: left;">Programmed Funding</th> </tr> <tr> <th style="text-align: left;">Activity</th> <th style="text-align: left;">From</th> <th style="text-align: left;">To</th> <th style="text-align: right;">Expended to Date</th> <th style="text-align: right;">Prior Year Approp.</th> <th style="text-align: right;">FY2017</th> <th style="text-align: right;">FY2018</th> <th style="text-align: right;">FY2019</th> <th style="text-align: right;">FY2020</th> <th style="text-align: right;">FY2021</th> <th style="text-align: right;">Future</th> <th style="text-align: right;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>01/01/12</td> <td>06/30/14</td> <td style="text-align: right;">137,970</td> <td style="text-align: right;">340,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">340,000</td> </tr> <tr> <td>Land:</td> <td>04/01/12</td> <td>07/30/15</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Construction:</td> <td>07/01/14</td> <td>07/30/17</td> <td style="text-align: right;">1,548,459</td> <td style="text-align: right;">6,450,224</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">6,450,224</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>01/01/12</td> <td>07/30/17</td> <td style="text-align: right;">243,363</td> <td style="text-align: right;">20,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">1,929,791</td> <td style="text-align: right;">6,810,224</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">6,810,224</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	01/01/12	06/30/14	137,970	340,000	0	0	0	0	0	0	340,000	Land:	04/01/12	07/30/15	0	0	0	0	0	0	0	0	0	Construction:	07/01/14	07/30/17	1,548,459	6,450,224	0	0	0	0	0	0	6,450,224	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	01/01/12	07/30/17	243,363	20,000	0	0	0	0	0	0	20,000	Totals:			1,929,791	6,810,224	0	0	0	0	0	0	6,810,224
Schedule of Activities			Programmed Funding																																																																																														
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Design:	01/01/12	06/30/14	137,970	340,000	0	0	0	0	0	0	340,000																																																																																						
Land:	04/01/12	07/30/15	0	0	0	0	0	0	0	0	0																																																																																						
Construction:	07/01/14	07/30/17	1,548,459	6,450,224	0	0	0	0	0	0	6,450,224																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	01/01/12	07/30/17	243,363	20,000	0	0	0	0	0	0	20,000																																																																																						
Totals:			1,929,791	6,810,224	0	0	0	0	0	0	6,810,224																																																																																						
Operating Budget Impacts <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> </tr> </thead> <tbody> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Personal:</td> <td style="text-align: center;">30,000</td> <td style="text-align: center;">30,000</td> <td style="text-align: center;">30,000</td> <td style="text-align: center;">30,000</td> </tr> <tr> <td>Operating Capital:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Total:</td> <td style="text-align: center;">30,000</td> <td style="text-align: center;">30,000</td> <td style="text-align: center;">30,000</td> <td style="text-align: center;">30,000</td> </tr> <tr> <td>No. of Positions:</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>				FY2018	FY2019	FY2020	FY2021	Personal:					Non-Personal:	30,000	30,000	30,000	30,000	Operating Capital:					Operating Total:	30,000	30,000	30,000	30,000	No. of Positions:	0	0	0	0																																																																	
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Personal:																																																																																																	
Non-Personal:	30,000	30,000	30,000	30,000																																																																																													
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6083160	60th Avenue East - US301 / Outlet Mall Entrance
Status: Existing Initial Year: 2016 District 1 Location: 60th Avenue East - US 301 , Ellenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: Yes LOS/Concurrency: Yes Plan Reference:		Project Need: Growth

Scope Reconstruct and widen 60th Avenue East as a six-lane undivided roadway with intersection improvements to include Mall Entrance/60th Avenue E and Mendoza Road/60th Avenue E. Construction transition to a two-lane undivided roadway north of the mall entrance.	Project Map 

Rationale Improve capacity and operational efficiency of the Ellenton Gillette Road / 69th Street East intersection.	

Funding Strategy Impact Fees	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	515,000	0	0	0	0	515,000
Land:	10/01/17	09/30/18	0	0	0	190,000	0	0	0	0	190,000
Construction:	10/01/18	09/30/20	0	310,000	0	0	2,250,000	0	0	0	2,560,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	310,000	0	705,000	2,250,000	0	0	0	3,265,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:	0	0	0	2,000	All Prior Funding	310,000
Operating Capital:					Impact Fees	2,955,000
Operating Total:	0	0	0	2,000	Total Funding:	3,265,000
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation			Project# 6041860		63rd Avenue East at 33rd Street East Intersection						
Status: Existing Initial Year: 2015 District 4 Location: 63rd Avenue East - 33rd Street East, Bradenton											
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter						
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Growth											
Scope					Project Map						
FDOT to design and construct a separate left turn lane on all approaches of the intersection and install a traffic signal. Manatee County is responsible for all land acquisition costs.											
Rationale											
Increase capacity and improve traffic operations as a thoroughfare intersection. This project has been adopted in FDOT's Tentative Work Program for FY14-FY19.											
Funding Strategy											
Impact Fees											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:	10/01/16	09/30/18	0	261,000	0	0	0	0	0	0	261,000
Construction:	10/01/16	09/30/18	0	0	0	0	0	0	0	0	0
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	261,000	0	0	0	0	0	0	261,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	0	500	500	500							
Operating Capital:											
Operating Total:	0	500	500	500							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						261,000
					Total Funding:						261,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# TR01126	67th Avenue East - 18th Street East Railroad Improvements

Status: Existing Initial Year: 2017 District 4 Location: 67th Avenue East -18th Street East, Bradenton

Comprehensive Plan Information

Project Mgr: **Jeff Streitmatter**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

This project covers the design, permitting and construction of a replacement railroad crossing surface for 67th Avenue East.

Project Map



Rationale

The roadway railroad crossing has deteriorated and rehabilitation and upgrade to the existing facility is required to facilitate crossing safety. The crossing will be replaced with a concrete wearing surface with an estimated life of 50 years.

Funding Strategy

Gas Taxes

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/17	12/31/17	0	0	0	20,000	0	0	0	0	20,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/18	12/31/18	0	0	0	200,000	0	0	0	0	200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	220,000	0	0	0	0	220,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
Gas Taxes	220,000
Total Funding:	220,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6040460	9th Street East - 53rd Avenue East - 57th Avenue East

Status: Existing Initial Year: 2004 District 4 Location: 9th Street East - 53rd Avenue East - 57th Avenue East, Bradenton

Comprehensive Plan Information

Project Mgr: **Jeff Streitmatter**

CIE Project: **Yes** LOS/Concurrency: **Yes** Plan Reference:

Project Need: **Growth**

Scope

Expand service through the upgrade of existing two lane roadway to a new four lane divided roadway facility with sidewalks and streetlights.

Project Map



Rationale

Due to the level of service failure, a new four lane roadway is needed to accomodate traffic and safety requirements.

Funding Strategy

Gas Taxes
 2004 Transportation Bonds
 Impact Fees
 Debt Proceeds

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/04	11/15/07	606,593	102,750	0	0	0	0	0	0	102,750
Land:	11/16/07	06/30/12	2,060,528	3,924,047	0	0	0	0	0	0	3,924,047
Construction:	07/01/12	10/31/16	3,321,228	4,947,931	0	0	0	0	0	0	4,947,931
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/04	10/31/16	341,086	360,948	0	0	0	0	0	0	360,948
Totals:			6,329,435	9,335,676	0	0	0	0	0	0	9,335,676

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:	2,500	2,500	2,500	2,500
Operating Capital:				
Operating Total:	2,500	2,500	2,500	2,500
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	9,335,676
Total Funding:	9,335,676

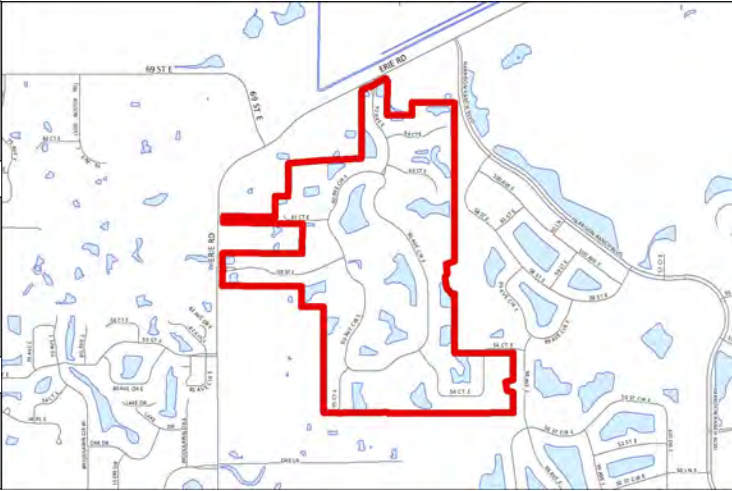
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6082560	9th Street East - CSX Railroad Crossing																																																															
Status: Existing Initial Year: 2012 District 2 Location: 9th Street East-9th Avenue East, Bradenton																																																																	
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																	
Scope																																																																	
Construction to provide safety improvements and roadway rehabilitation including new asphalt surface for railroad crossing approaches and replacement of the existing railroad / roadway crossing.																																																																	
Rationale																																																																	
The roadway railroad crossing has deteriorated and rehabilitation and upgrade to the existing facility is required to facilitate crossing safety. The crossing will be replaced with a concrete wearing surface with an estimated life of 50 years.																																																																	
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Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:	10/01/11 03/31/15	4,824	90,000	0	0	0	0	90,000																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	04/01/15 12/31/16	381,627	334,950	0	0	0	0	334,950																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/11 12/31/16	25,002	10,000	0	0	0	0	10,000																																																									
Totals:		411,453	434,950	0	0	0	0	434,950																																																									
Operating Budget Impacts																																																																	
	FY2018	FY2019	FY2020	FY2021	Means of Financing																																																												
Personal:					Funding Sources																																																												
Non-Personal:					Amount																																																												
Operating Capital:					All Prior Funding																																																												
Operating Total:					Total Funding:																																																												
No. of Positions:	0	0	0	0																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6052010	Advanced Traffic Management System Expansion - University Parkway																																																																																															
Status: Existing Initial Year: 2015 District 5 Location: University Parkway																																																																																																	
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need																																																																																																	
Scope		Project Map																																																																																															
Install approximately three miles of fiber optic cable and other related equipment along University Parkway to connect six traffic signals to the Sarasota-Manatee Regional Traffic Management Center. Install and integrate two closed circuit television (CCTV) cameras, two microwave vehicle detection system devices, three Bluetooth based travel time measurement devices and two video vehicle detection systems along this corridor.																																																																																																	
Rationale																																																																																																	
Expand capabilities of the current Advanced Traffic Management System (ATMS) along University Parkway. Technologies mitigate traffic congestion, improve traffic operations, and provide traffic management and additional safety in Manatee County.																																																																																																	
Funding Strategy																																																																																																	
Gas Taxes																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th style="text-align: left;">Activity</th> <th style="text-align: left;">From</th> <th style="text-align: left;">To</th> <th style="text-align: right;">Expended to Date</th> <th style="text-align: right;">Prior Year Approp.</th> <th style="text-align: right;">FY2017</th> <th style="text-align: right;">FY2018</th> <th style="text-align: right;">FY2019</th> <th style="text-align: right;">FY2020</th> <th style="text-align: right;">FY2021</th> <th style="text-align: right;">Future</th> <th style="text-align: right;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>03/15/15</td> <td>12/31/15</td> <td style="text-align: right;">77,835</td> <td style="text-align: right;">37,500</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">37,500</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Construction:</td> <td>01/01/16</td> <td>12/31/16</td> <td style="text-align: right;">0</td> <td style="text-align: right;">350,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">350,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>03/15/15</td> <td>12/31/16</td> <td style="text-align: right;">1,579</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">79,413</td> <td style="text-align: right;">387,500</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">387,500</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	03/15/15	12/31/15	77,835	37,500	0	0	0	0	0	0	37,500	Land:			0	0	0	0	0	0	0	0	0	Construction:	01/01/16	12/31/16	0	350,000	0	0	0	0	0	0	350,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	03/15/15	12/31/16	1,579	0	0	0	0	0	0	0	0	Totals:			79,413	387,500	0	0	0	0	0	0	387,500
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	03/15/15	12/31/15	77,835	37,500	0	0	0	0	0	0	37,500																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/01/16	12/31/16	0	350,000	0	0	0	0	0	0	350,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	03/15/15	12/31/16	1,579	0	0	0	0	0	0	0	0																																																																																						
Totals:			79,413	387,500	0	0	0	0	0	0	387,500																																																																																						
Operating Budget Impacts																																																																																																	
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Personal:						<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: right;">Amount</th> </tr> </thead> <tbody> <tr> <td>All Prior Funding</td> <td style="text-align: right;">387,500</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">387,500</td> </tr> </tbody> </table>		Funding Sources	Amount	All Prior Funding	387,500	Total Funding:	387,500																																																																																				
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Total Funding:	387,500																																																																																																
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6053260	Ancient Oaks Subdivision
Status: Existing Initial Year: 2015 District 1 Location: Ancient Oaks Subdivision, Parrish		
Comprehensive Plan Information		Project Mgr: Brian Martineau
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance		
Scope		Project Map
Rebase and resurface the Ancient Oaks subdivision. This should not require additional drainage structures, but will require underdrains to be installed and existing structures modified.		
Rationale		
There is base failure throughout the subdivision, so general resurfacing will not be sufficient. Asphalt will be removed and the base will be replaced.		
Funding Strategy		
Gas Taxes		

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	05/31/16	0	20,000	0	0	0	0	0	0	20,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/15	12/31/16	0	824,000	0	0	0	0	0	0	824,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	844,000	0	0	0	0	0	0	844,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:	500	500	500	500	All Prior Funding	844,000
Operating Capital:					Total Funding:	844,000
Operating Total:	500	500	500	500		
No. of Positions:	0	0	0	0		

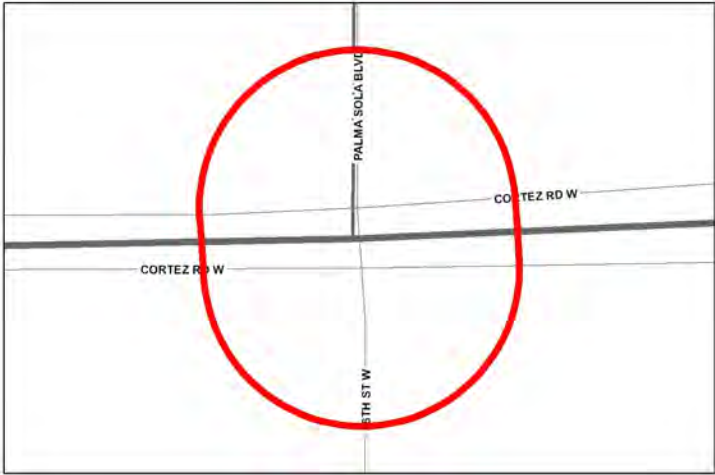
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6012609	CDBG Funded Sidewalk - 21st St E-US 41N-12th Ave E - Palmetto									
Status: Existing Initial Year: 2015 District 2 Location: 21st St E-US 41N-12th Ave, Palmetto											
Comprehensive Plan Information		Project Mgr: Taha Ataya									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construct 2,700 linear foot concrete sidewalk on 21st Street East from US 41 North to 12th Avenue East, Palmetto.											
Rationale											
Provide continuous sidewalk network in this area that contains Palmetto Elementary, Tillman Elementary and Buffalo Creek Middle schools. This sidewalk will increase safety and reduce obstacles students face when walking and/or biking to and from school.											
Funding Strategy											
CDBG Funding											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	09/30/19	36,798	40,000	0	0	0	0	0	0	40,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/19	108,360	322,900	0	0	0	0	0	0	322,900
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/19	0	19,100	0	0	0	0	0	0	19,100
Totals:			145,158	382,000	0	0	0	0	0	0	382,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						382,000
					Total Funding:						382,000

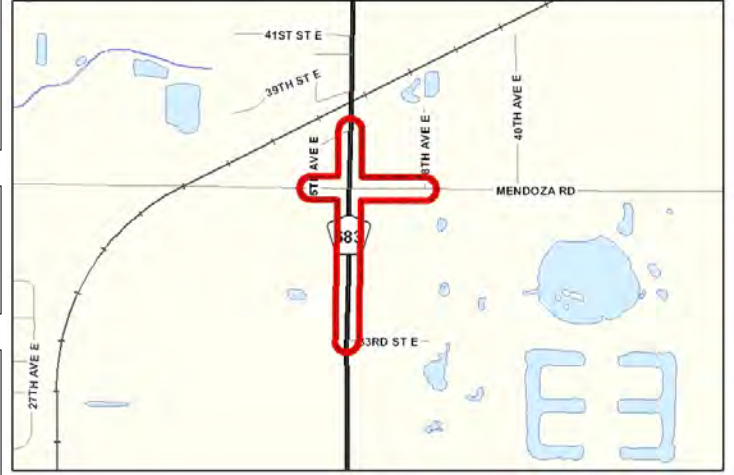
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# TR01202	Cortez Road - 43rd Street West Intersection																																																																																															
Status: Existing Initial Year: 2015 District 3 Location: Cortez Road-43rd Street West, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Growth																																																																																																	
Scope		Project Map																																																																																															
Construct a separate northbound right turn lane and extend existing northbound left turn lane on to 43rd Street West at Cortez Road.																																																																																																	
Rationale																																																																																																	
Increase capacity and improve traffic operations.																																																																																																	
Funding Strategy																																																																																																	
Gas Taxes																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th style="text-align: center;">Activity</th> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/17</td> <td>12/31/19</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">62,700</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">62,700</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Construction:</td> <td>10/01/17</td> <td>12/31/19</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">480,600</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">480,600</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/17</td> <td>12/31/19</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">62,700</td> <td style="text-align: right;">480,600</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">543,300</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/17	12/31/19	0	0	0	62,700	0	0	0	0	62,700	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/17	12/31/19	0	0	0	0	480,600	0	0	0	480,600	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/17	12/31/19	0	0	0	0	0	0	0	0	0	Totals:			0	0	0	62,700	480,600	0	0	0	543,300
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/17	12/31/19	0	0	0	62,700	0	0	0	0	62,700																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/17	12/31/19	0	0	0	0	480,600	0	0	0	480,600																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/17	12/31/19	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	0	0	62,700	480,600	0	0	0	543,300																																																																																						
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Personal:						Funding Sources																																																																																											
Non-Personal:	0	0	500	500		Amount																																																																																											
Operating Capital:						Gas Taxes																																																																																											
Operating Total:	0	0	500	500		Total Funding:																																																																																											
No.of Positions:	0	0	0	0		543,300																																																																																											

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6082160	Cortez Road - 86th Street West Intersection																																																																																											
Status: Existing Initial Year: 2012 District 3 Location: Cortez Road - 86th Street West, Bradenton																																																																																													
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																																																											
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																													
Scope Replacement of existing signals with mast arm signals. Project Map 																																																																																													
Rationale To increase safety at intersection location.																																																																																													
Funding Strategy 2004 Transportation Bonds Federal / State Revenues and Grants																																																																																													
Schedule of Activities <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Activity</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/11</td> <td>09/30/13</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> </tr> <tr> <td>Construction:</td> <td>10/01/13</td> <td>12/31/16</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/11</td> <td>12/31/16</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> </tr> </tbody> </table> Programmed Funding <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>91,619</td> <td>115,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>115,000</td> </tr> <tr> <td>Land:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Construction:</td> <td>348,145</td> <td>478,509</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>478,509</td> </tr> <tr> <td>Equipment:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Project Mgt.:</td> <td>84,786</td> <td>10,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>10,000</td> </tr> <tr> <td>Totals:</td> <td>524,549</td> <td>603,509</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>603,509</td> </tr> </tbody> </table>			Activity	From	To	Design:	10/01/11	09/30/13	Land:			Construction:	10/01/13	12/31/16	Equipment:			Project Mgt.:	10/01/11	12/31/16	Totals:				Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	91,619	115,000	0	0	0	0	0	0	115,000	Land:	0	0	0	0	0	0	0	0	0	Construction:	348,145	478,509	0	0	0	0	0	0	478,509	Equipment:	0	0	0	0	0	0	0	0	0	Project Mgt.:	84,786	10,000	0	0	0	0	0	0	10,000	Totals:	524,549	603,509	0	0	0	0	0	0	603,509
Activity	From	To																																																																																											
Design:	10/01/11	09/30/13																																																																																											
Land:																																																																																													
Construction:	10/01/13	12/31/16																																																																																											
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Design:	91,619	115,000	0	0	0	0	0	0	115,000																																																																																				
Land:	0	0	0	0	0	0	0	0	0																																																																																				
Construction:	348,145	478,509	0	0	0	0	0	0	478,509																																																																																				
Equipment:	0	0	0	0	0	0	0	0	0																																																																																				
Project Mgt.:	84,786	10,000	0	0	0	0	0	0	10,000																																																																																				
Totals:	524,549	603,509	0	0	0	0	0	0	603,509																																																																																				
Operating Budget Impacts																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> </tr> </thead> <tbody> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Personal:</td> <td>500</td> <td>500</td> <td>500</td> <td>500</td> </tr> <tr> <td>Operating Capital:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Total:</td> <td>500</td> <td>500</td> <td>500</td> <td>500</td> </tr> <tr> <td>No. of Positions:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				FY2018	FY2019	FY2020	FY2021	Personal:					Non-Personal:	500	500	500	500	Operating Capital:					Operating Total:	500	500	500	500	No. of Positions:	0	0	0	0																																																													
	FY2018	FY2019	FY2020	FY2021																																																																																									
Personal:																																																																																													
Non-Personal:	500	500	500	500																																																																																									
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Operating Total:	500	500	500	500																																																																																									
No. of Positions:	0	0	0	0																																																																																									
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Means of Financing																																																																																													
Funding Sources	Amount																																																																																												
All Prior Funding	603,509																																																																																												
Total Funding:	603,509																																																																																												

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# TR00542	Ellenton Gillette Road - Mendoza Road (37th Street East) Intersection Improvements									
Status: Existing Initial Year: 2017 Multi-district Location: Ellenton Gillette Road-Mendoza Road, Palmetto											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Installation of mast arm signalized intersection to include left turn lanes on all four legs of intersection.											
Rationale											
Traffic study data identified future capacity requirements including a fully signalized intersection with safety improvements.											
Funding Strategy											
Gas Taxes FDOT Participation Agreement											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	200,000	0	0	0	0	200,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	1,300,000	0	0	0	1,300,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	200,000	1,300,000	0	0	0	1,500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	500	500	500	500							
Operating Capital:											
Operating Total:	500	500	500	500							
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources										Amount	
Gas Taxes										200,000	
Other										1,300,000	
Total Funding:										1,500,000	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6084560	Ellenton Gillette Road - US 301 / Moccasin Wallow Road
Status: Existing Initial Year: 2013 District 2 Location: Ellenton Gillette Road, Palmetto		
Comprehensive Plan Information		Project Mgr: Mike Sturm
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope Roadway functional improvements to include widening of existing roadway to 24', roadside ditch piping, and shoulder enhancement where necessary. Incorporate ATMS and signal upgrades at Moccasin Wallow Road and 17th Street. The project will replace existing water main located under existing pavement with new 12" PVC water main located outside of pavement along with hydrants and services.	Project Map
Rationale To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.	

Funding Strategy

Gas Taxes

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	06/30/15	591,255	0	0	0	0	0	0	0	0
Land:	01/01/15	05/31/16	314,197	0	0	0	0	0	0	0	0
Construction:	07/01/16	12/31/18	2,684	2,725,000	2,000,000	1,550,000	0	0	0	0	6,275,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/18	41,452	0	0	0	0	0	0	0	0
Totals:			949,587	2,725,000	2,000,000	1,550,000	0	0	0	0	6,275,000

Operating Budget Impacts

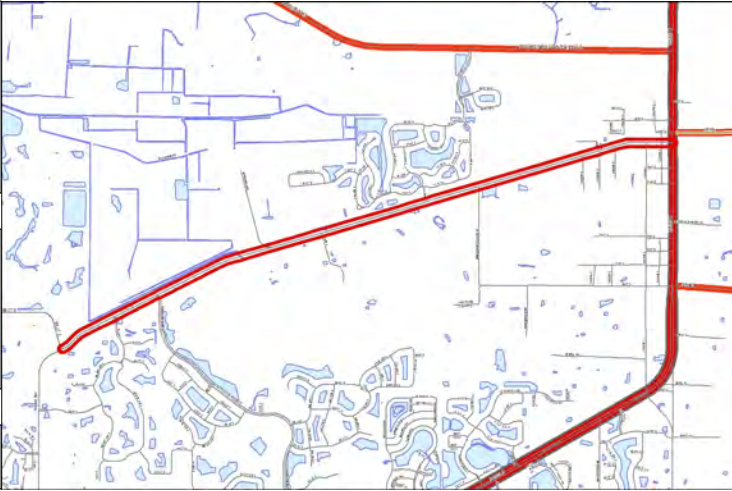
	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	2,725,000
Gas Taxes	3,550,000
Total Funding:	6,275,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6084061	Ellenton Gillette at 69th Street																																																																																															
Status: Existing Initial Year: 2017 District 1 Location: Ellenton Gillette Road - 69th Street, Palmetto																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Growth																																																																																																	
Scope Construct north, east and south bound left turn lanes and a northbound right turn lane at the intersection of Ellenton Gillette Road and 69th Street. Project Map 																																																																																																	
Rationale Overall project is expected to improve capacity and operational efficiency of existing signalized intersection.																																																																																																	
Funding Strategy Impact Fees																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Construction:</td> <td>10/01/16</td> <td>12/31/17</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/16</td> <td>12/31/17</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:			0	0	0	0	0	0	0	0	0	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/16	12/31/17	0	0	300,000	0	0	0	0	0	300,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/16	12/31/17	0	0	0	0	0	0	0	0	0	Totals:			0	0	300,000	0	0	0	0	0	300,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:			0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/16	12/31/17	0	0	300,000	0	0	0	0	0	300,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/16	12/31/17	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	0	300,000	0	0	0	0	0	300,000																																																																																						
Operating Budget Impacts <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> </tr> </thead> <tbody> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Personal:</td> <td style="text-align: center;">500</td> <td style="text-align: center;">500</td> <td style="text-align: center;">500</td> <td style="text-align: center;">500</td> </tr> <tr> <td>Operating Capital:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Total:</td> <td style="text-align: center;">500</td> <td style="text-align: center;">500</td> <td style="text-align: center;">500</td> <td style="text-align: center;">500</td> </tr> <tr> <td>No. of Positions:</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>				FY2018	FY2019	FY2020	FY2021	Personal:					Non-Personal:	500	500	500	500	Operating Capital:					Operating Total:	500	500	500	500	No. of Positions:	0	0	0	0																																																																	
	FY2018	FY2019	FY2020	FY2021																																																																																													
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Operating Capital:																																																																																																	
Operating Total:	500	500	500	500																																																																																													
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Means of Financing <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Impact Fees</td> <td style="text-align: right;">300,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">300,000</td> </tr> </tbody> </table>			Funding Sources	Amount	Impact Fees	300,000	Total Funding:	300,000																																																																																									
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Impact Fees	300,000																																																																																																
Total Funding:	300,000																																																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation			Project# 6082861		Erie Road - 69th Street East - US 301 - East/West Phase						
Status: Existing Initial Year: 2015 District 1 Location: Erie Road - 69th St E - US301, Parrish											
Comprehensive Plan Information								Project Mgr: Taha Ataya			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope						Project Map					
Roadway functional improvements to include widening to 24' of roadside ditch piping and shoulder enhancement to FDOT standards.											
Rationale											
Enhance utilization of existing roadway facility to current FDOT design standards.											
Funding Strategy											
Gas Taxes											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	06/30/16	0	400,000	0	0	0	0	0	0	400,000
Land:	10/01/14	03/31/17	0	0	0	0	0	0	0	0	0
Construction:	04/01/17	03/31/18	0	500,000	0	0	0	0	0	0	500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	03/31/18	10,874	0	0	0	0	0	0	0	0
Totals:			10,874	900,000	0	0	0	0	0	0	900,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	0	0	16,500	16,500							
Operating Capital:											
Operating Total:	0	0	16,500	16,500							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						900,000
					Total Funding:						900,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6082860	Erie Road - US 301 - 69th Street East - North/South Phase

Status: Existing Initial Year: 2012 District 1 Location: Erie Road - US 301 - 69th St E, Parrish

Comprehensive Plan Information

Project Mgr: **Mike Sturm**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Roadway functional improvements to include widening to 24', roadside ditch piping, and shoulder enhancement where necessary.

Project Map



Rationale

To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.

Funding Strategy

Gas Taxes

Schedule of Activities			Programmed Funding							
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future
Activity	From	To								
Design:	10/01/11	03/31/16	93,288	502,000	0	0	0	0	0	502,000
Land:			0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/17	2,712	3,100,000	0	0	0	0	0	3,100,000
Equipment:			0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	12/31/17	130,012	23,000	0	0	0	0	0	23,000
Totals:			226,011	3,625,000	0	0	0	0	0	3,625,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:	11,000	11,000	11,000	11,000
Operating Capital:				
Operating Total:	11,000	11,000	11,000	11,000
No.of Positions:	0	0	0	0

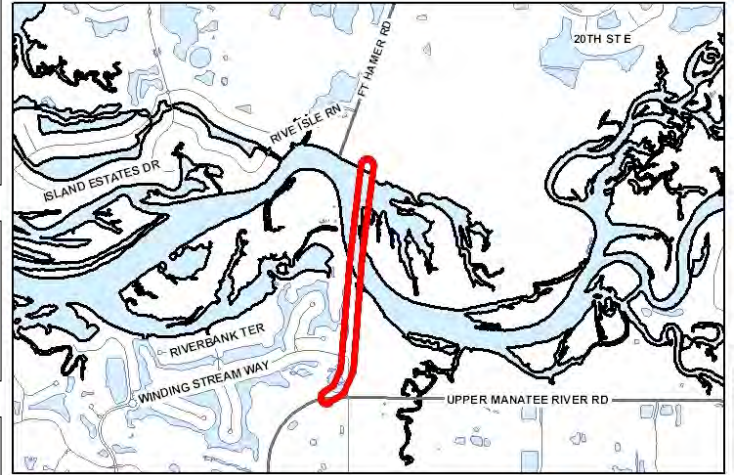
Means of Financing

Funding Sources	Amount
All Prior Funding	3,625,000
Total Funding:	3,625,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6049100	Force Main 13A Sidewalk																																																																																															
Status: Existing Initial Year: 2016 District 4 Location: 112 63rd Ave E - 34th St - 60th Ave W																																																																																																	
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Design and construct sidewalk over Force Main 13A while the force main is being replaced. Rationale Sidewalk will be constructed while the area is disturbed for force main replacement, saving construction costs. Funding Strategy CRA Funding Project Map																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: left;">Programmed Funding</th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>05/01/16</td> <td>07/31/16</td> <td>0</td> <td>16,238</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>16,238</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Construction:</td> <td>05/01/16</td> <td>12/31/17</td> <td>0</td> <td>129,150</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>129,150</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Project Mgt.:</td> <td>05/01/16</td> <td>12/31/17</td> <td>0</td> <td>26,932</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>26,932</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td>0</td> <td>172,320</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>172,320</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	05/01/16	07/31/16	0	16,238	0	0	0	0	0	0	16,238	Land:			0	0	0	0	0	0	0	0	0	Construction:	05/01/16	12/31/17	0	129,150	0	0	0	0	0	0	129,150	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	05/01/16	12/31/17	0	26,932	0	0	0	0	0	0	26,932	Totals:			0	172,320	0	0	0	0	0	0	172,320
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	05/01/16	07/31/16	0	16,238	0	0	0	0	0	0	16,238																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	05/01/16	12/31/17	0	129,150	0	0	0	0	0	0	129,150																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	05/01/16	12/31/17	0	26,932	0	0	0	0	0	0	26,932																																																																																						
Totals:			0	172,320	0	0	0	0	0	0	172,320																																																																																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" style="text-align: left;">Operating Budget Impacts</th> <th colspan="2" style="text-align: left;">Means of Financing</th> </tr> <tr> <th></th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> <td></td> <td>All Prior Funding</td> <td>172,320</td> </tr> <tr> <td>Non-Personal:</td> <td></td> <td></td> <td></td> <td></td> <td>Total Funding:</td> <td>172,320</td> </tr> <tr> <td>Operating Capital:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Total:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>No. of Positions:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> </tr> </tbody> </table>			Operating Budget Impacts					Means of Financing			FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount	Personal:					All Prior Funding	172,320	Non-Personal:					Total Funding:	172,320	Operating Capital:							Operating Total:							No. of Positions:	0	0	0	0																																																
Operating Budget Impacts					Means of Financing																																																																																												
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount																																																																																											
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Non-Personal:					Total Funding:	172,320																																																																																											
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6035560	Fort Hamer / Upper Manatee River Road - Bridge									
Status: Existing Initial Year: 2010 District 1 Location: Upper Manatee River Road - River Crossing - Ft. Hamer Road											
Comprehensive Plan Information		Project Mgr: William Lorenzo									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Design, permitting, land acquisition, and construction of a two lane bridge facility and connector roadways.											
Rationale											
To accomodate future growth and traffic capacity needs in the eastern area of the county. Will also enhance emergency services response, both north and south, depending upon resource availability. The project, when complete, will provide a parallel reliever roadway for I-75. The bridge will also enhance the ability of area residents to evacuate (north and south depending on storm track).											
Funding Strategy											
2004 Transportation Bonds Impact Fees											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/02	07/31/13	1,788,571	7,436,500	0	0	0	0	0	0	7,436,500
Land:	07/01/10	06/30/14	1,432,745	2,214,949	0	0	0	0	0	0	2,214,949
Construction:	10/01/14	12/31/17	15,453,394	22,944,682	0	0	0	0	0	0	22,944,682
Equipment:	07/01/14	03/31/17	5,500	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/02	12/31/17	585,030	131,692	0	0	0	0	0	0	131,692
Totals:			19,265,239	32,727,823	0	0	0	0	0	0	32,727,823
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:	12,500	12,500	12,500	12,500							
Non-Personal:											
Operating Capital:											
Operating Total:	12,500	12,500	12,500	12,500							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						32,727,823
					Total Funding:						32,727,823

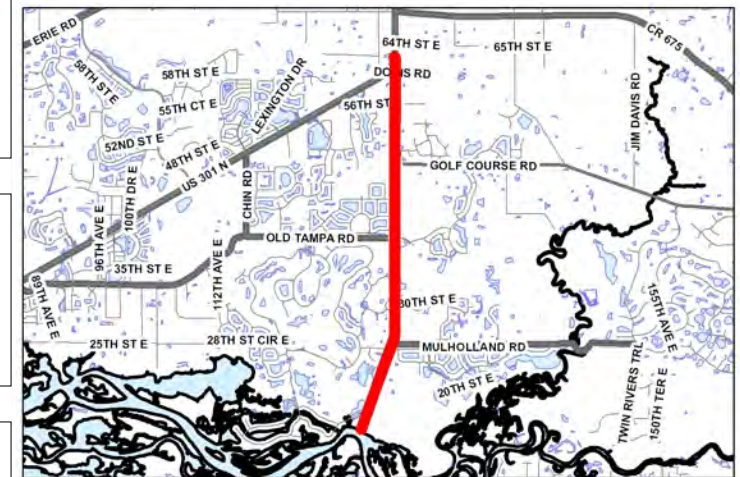
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6054764	Fort Hamer Road - US 301 to Future Fort Hamer Bridge
Status: Existing Initial Year: 2011 District 1 Location: Fort Hamer Road, Parrish		
Comprehensive Plan Information		Project Mgr: William Lorenzo
CIE Project: No	LOS/Concurrency: No	Plan Reference: Project Need: Maintenance

Scope

Roadway functional improvements to include widening of existing roadway to 24', roadside ditch piping, and shoulder enhancement where necessary, and in-fill of existing sidewalks.

Project Map



Rationale

To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.

Funding Strategy

Gas Taxes
2004 Transportation Bonds

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/11	06/01/14	183,549	115,000	0	0	0	0	0	0	115,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/17	4,313,818	8,441,289	0	0	0	0	0	0	8,441,289
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	03/31/17	338,630	78,500	0	0	0	0	0	0	78,500
Totals:			4,835,997	8,634,789	0	0	0	0	0	0	8,634,789

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	8,634,789
Total Funding:	8,634,789

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6036360	Greenbrook Underdrain Replacement									
Status: Existing Initial Year: 2016 District 5 Location: Greenbrook Boulevard, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Deficiency											
Scope											
The Greenbrook neighborhoods of the Ravines and the Preserve are located on the south side of Greenbrook Blvd, east of Lorraine Road. These two neighborhoods have subdrains to facilitate the drainage of groundwater away from the road base. The subdrain limits the volume of ground water wicking into the base and potentially damaging the base and road surface. In both neighborhoods, the subdrain is failing, causing damage to residential driveways, sidewalks, and the road shoulder. Additionally, the subdrain is not functioning as designed or intended, potentially allowing groundwater to move into the road base. The effected area includes over 2.5 miles of county owned and maintained roadway and approximately 300 single family homes.											
Rationale											
Manatee County Public Works has repaired numerous areas in these neighborhoods with spot repairs as necessary, which is labor intensive and inefficient. The project is intended to address the problem as a single repair project and remedy the deficiencies in one season with this project. This will provide relief to the maintenance staff as well as residents who continue to have settlement issues in their front yards and driveways.											
Funding Strategy											
Gas Taxes											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	03/31/16	0	15,000	0	0	0	0	0	0	15,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/16	12/31/17	49	650,000	0	0	0	0	0	0	650,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			49	665,000	0	0	0	0	0	0	665,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	500	500	500	500							
Operating Capital:											
Operating Total:	500	500	500	500							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						665,000
					Total Funding:						665,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# TR01337	Lakewood Ranch Boulevard ATMS									
Status: Existing Initial Year: 2016 District 5 Location: Lakewood Ranch Boulevard, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Install four miles of fiber communication backbone to provide a redundant network path to support the countywide ATMS communication network. Install two CCTV cameras, three Bluetooth and one Microwave Vehicle Detection System device.											
Rationale											
The project will connect the traffic signals within the project limit to the Regional Traffic Management Center (RTMC) and will also provide a redundant fiber communication network east of the interstate. In addition, this project will also add traffic monitoring devices such as CCTV cameras, bluetooth based travel time measurement devices and MVDS devices. Together, these devices will provide a variety of information to the county's traffic engineering staff and will aid in improving/maintaining the overall traffic flow.											
Funding Strategy											
Impact Fees											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	12/31/17	0	0	0	100,000	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/17	0	0	0	300,000	300,000	0	0	0	600,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	400,000	300,000	0	0	0	700,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Impact Fees						700,000
					Total Funding:						700,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6049960	Lakewood Ranch Boulevard Re-Base																																																																											
Status: Existing Initial Year: 2016 District 5 Location: Lakewood Ranch Boulevard, Bradenton																																																																													
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																											
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																													
Scope		Project Map																																																																											
Rebase large section of Lakewood Ranch Boulevard between SR64 and SR70. This area was constructed in phases where the outside two lanes were first constructed more than 15 years ago and the inside two lanes five years ago. The original two lanes are showing significant base failures in the asphalt. Simple resurfacing will not work because the failure areas will reflect through and return in a short period of time. These areas requires significant over excavation to remove the base and possibly sub-base material and replace with suitable material. This level of work is beyond typical scale of standard maintenance resurfacing. The final step will be to resurface the entire roadway to unify the age and structural integrity and preserve the investment of the base repairs.																																																																													
Rationale																																																																													
Lakewood Ranch Boulevard was constructed in two phases and the road is not wearing consistently. This project will unify the age and structural integrity and preserve the investment of the base repairs.																																																																													
Funding Strategy																																																																													
Gas Taxes																																																																													
Schedule of Activities		Programmed Funding																																																																											
Activity	From To	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Expended to Date</th> <th style="width: 10%;">Prior Year Approp.</th> <th style="width: 10%;">FY2017</th> <th style="width: 10%;">FY2018</th> <th style="width: 10%;">FY2019</th> <th style="width: 10%;">FY2020</th> <th style="width: 10%;">FY2021</th> <th style="width: 10%;">Future</th> <th style="width: 10%;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/16</td> <td>12/31/16</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">10,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">10,000</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Construction:</td> <td>01/01/17</td> <td>12/31/17</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,320,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,320,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/15</td> <td>12/13/17</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,330,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">1,330,000</td> </tr> </tbody> </table>	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/16	12/31/16	0	0	10,000	0	0	0	0	10,000	Land:			0	0	0	0	0	0	0	0	Construction:	01/01/17	12/31/17	0	0	1,320,000	0	0	0	0	1,320,000	Equipment:			0	0	0	0	0	0	0	0	Project Mgt.:	10/01/15	12/13/17	0	0	0	0	0	0	0	0	Totals:			0	0	1,330,000	0	0	0	0	1,330,000
Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																					
Design:	10/01/16	12/31/16	0	0	10,000	0	0	0	0	10,000																																																																			
Land:			0	0	0	0	0	0	0	0																																																																			
Construction:	01/01/17	12/31/17	0	0	1,320,000	0	0	0	0	1,320,000																																																																			
Equipment:			0	0	0	0	0	0	0	0																																																																			
Project Mgt.:	10/01/15	12/13/17	0	0	0	0	0	0	0	0																																																																			
Totals:			0	0	1,330,000	0	0	0	0	1,330,000																																																																			
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FY2018	FY2019	FY2020	FY2021																																																																										
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Gas Taxes	1,330,000																																																																												
Total Funding:	1,330,000																																																																												

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6053913	Land Acquisition - Countywide
Status: Existing Initial Year: 2007 Countywide Location: Countywide		
Comprehensive Plan Information		Project Mgr: Brian Martineau
CIE Project: Yes LOS/Concurrency: Yes Plan Reference: Project Need: Other Need		
Scope		Project Map
Land acquisition to support future roadway improvements.		
Rationale		
To support future roadway improvements proposed in the Manatee County Comprehensive Plan. Land purchases will be made in advance of design and construction of specific identified project segments and to coordinate cost effective purchase of right of way as properties become available for sale.		
Funding Strategy		
Impact Fees		

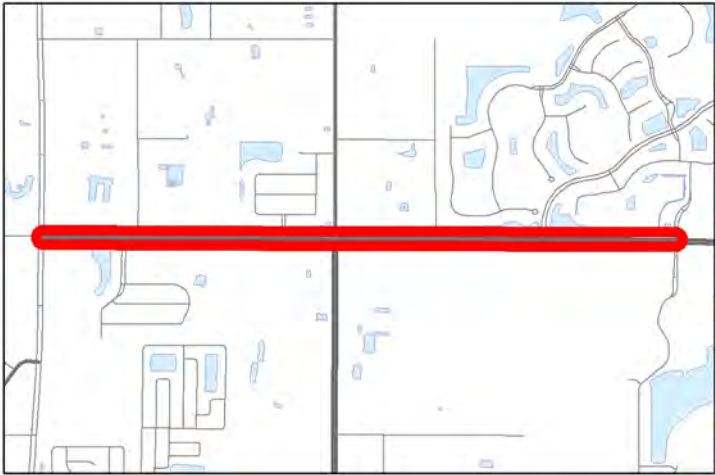
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	06/27/07	09/30/21	300	581,501	0	0	0	0	0	0	581,501
Land:	06/27/07	09/30/21	60,497	537,552	0	0	0	0	0	0	537,552
Construction:	06/27/07	09/30/21	1,199	0	0	0	0	0	0	0	0
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/27/07	09/30/21	5,377	50,090	0	0	0	0	0	0	50,090
Totals:			67,373	1,169,143	0	0	0	0	0	0	1,169,143

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	1,169,143
Non-Personal:					Total Funding:	1,169,143
Operating Capital: _____						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation			Project# 6009361		Lockwood Ridge Road - 56th Avenue Terrace East - Whitfield Avenue						
Status: Existing Initial Year: 2015 Multi-district Location: Lockwood Ridge Road - 56th Avenue Terrace East - Whitfield Avenue											
Comprehensive Plan Information								Project Mgr: Brian Martineau			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope						Project Map					
Remove existing asphalt and base, stabilize sub-base, install new base and asphalt roadway. Repair curb inlets and stabilize area around cross drains.											
Rationale											
Base is failing on both north and south bound lanes on Lockwood Ridge Road. Failures are located throughout the base, not just at cross drain locations.											
Funding Strategy											
Gas Taxes											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	11/01/14	02/28/16	0	20,000	0	0	0	0	0	0	20,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	11/01/14	12/31/16	0	871,000	0	0	0	0	0	0	871,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	11/01/14	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	891,000	0	0	0	0	0	0	891,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						891,000
					Total Funding:						891,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# TR01086	Moccasin Wallow Road - US 41 to Gateway Boulevard																																																																																															
Status: Existing Initial Year: 2017 District 1 Location: Moccasin Wallow Road-US 41-Gateway Blvd., Palmetto																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope		Project Map																																																																																															
Four lane divided rural roadway with bike lanes and sidewalks.																																																																																																	
Rationale																																																																																																	
Expand service by improving existing traffic capacity between I-75 and Port Manatee.																																																																																																	
Funding Strategy																																																																																																	
Impact Fees																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/17	12/31/19	0	0	0	675,000	0	0	0	0	675,000																																																																																						
Land:	12/01/17	12/31/19	0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/01/18	12/31/21	0	0	0	0	7,200,000	0	0	0	7,200,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/17	12/31/21	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	0	0	675,000	7,200,000	0	0	0	7,875,000																																																																																						
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Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6049761	Morgan Johnson Sidewalk - 44th Avenue East - SR 64

Status: Existing Initial Year: 2011 District 5 Location: Morgan Johnson Road/SR 64, Bradenton

Comprehensive Plan Information

Project Mgr: **Anthony Benitez**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Other Need**

Scope

Construct 2,950 linear feet of sidewalk and 250 linear feet of reinforced concrete pipe from the 1500 block of Morgan Johnson Road northward to SR 64.

Project Map



Rationale

Provide new sidewalk to upgrade neighborhood and provide safe walking routes. Neighborhoods need updating and upgrading to conditions being required in new developments.

Funding Strategy

Gas Taxes

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	07/01/11	06/30/13	125,618	0	0	0	0	0	0	0	0
Land:	07/01/11	06/30/16	0	175,000	0	0	0	0	0	0	175,000
Construction:	06/01/15	12/31/16	337,788	630,000	0	0	0	0	0	0	630,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/11	12/31/16	42,725	25,000	0	0	0	0	0	0	25,000
Totals:			506,132	830,000	0	0	0	0	0	0	830,000

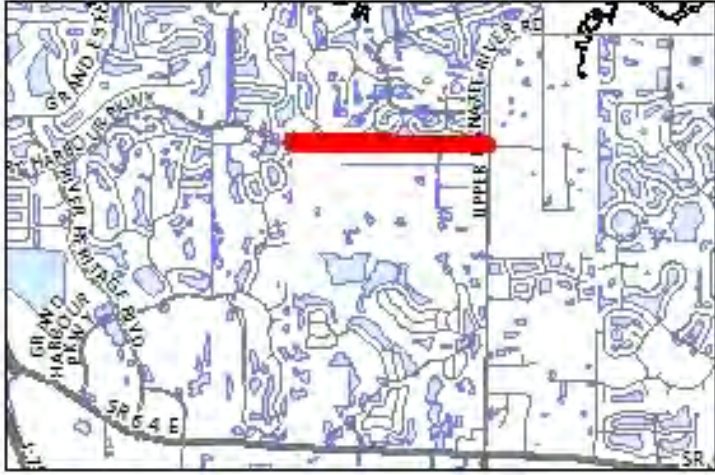
Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	830,000
Total Funding:	830,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6076660	Port Harbour Parkway Extension																																																																																															
Status: Existing Initial Year: 2020 District 1 Location: Port Harbour Pkwy-Upper Manatee River Rd, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: Yes LOS/Concurrency: Yes Plan Reference: Project Need: Growth																																																																																																	
<u>Scope</u> Construction of Port Harbour Parkway from its current terminus to Upper Manatee River Road. <u>Project Map</u> 																																																																																																	
<u>Rationale</u> Construction of the extension will provide road improvements that will satisfy transportation concurrency requirements for future growth.																																																																																																	
<u>Funding Strategy</u> Developer Bonds																																																																																																	
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<u>Schedule of Activities</u>			<u>Programmed Funding</u>																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:			0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/19	09/30/21	0	2,299,202	0	0	0	0	0	0	2,299,202																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	09/30/21	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	2,299,202	0	0	0	0	0	0	2,299,202																																																																																						
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No. of Positions:	0	0	0	0																																																																																													
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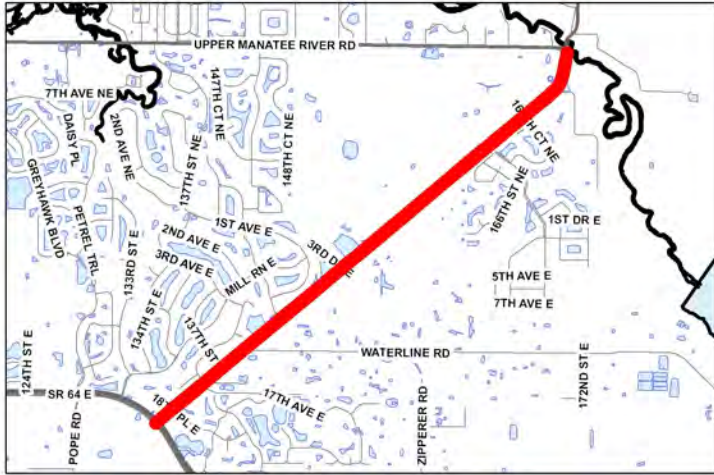
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation			Project# 6044160		Rowlett Elementary School Sidewalks						
Status: Existing Initial Year: 2017 District 2 Location: 3500 9th Street East, Bradenton											
Comprehensive Plan Information								Project Mgr: Anthony Benitez			
CIE Project: No LOS/Concurrency: No Plan Reference:						Project Need: Maintenance					
Scope						Project Map					
Install sidewalk along south side of 30th Avenue East from 9th Street East and provide drainage improvements.											
Rationale											
Provide safe pedestrian access to Rowlett Elementary School,as requested by the Manatee County School Board.											
Funding Strategy											
Gas Taxes 2004 Transportation Bonds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	04/05/10	12/31/16	251,375	111,304	0	0	0	0	0	0	111,304
Land:	04/01/15	12/31/16	31,166	455,415	0	0	0	0	0	0	455,415
Construction:	10/01/16	12/31/17	860,397	1,465,332	0	0	0	0	0	0	1,465,332
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/01	12/31/17	172,624	109,390	0	0	0	0	0	0	109,390
Totals:			1,315,561	2,141,441	0	0	0	0	0	0	2,141,441
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021	Means of Financing						
Personal:					Funding Sources					Amount	
Non-Personal:					All Prior Funding					2,141,441	
Operating Capital:					Total Funding:					2,141,441	
Operating Total:											
No.of Positions:	0	0	0	0							

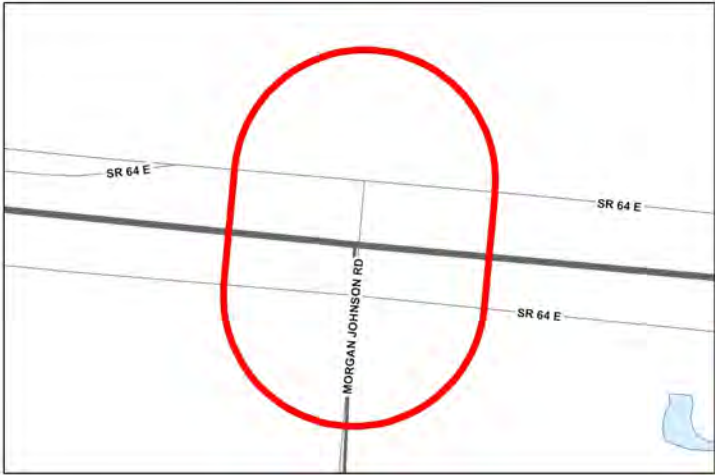
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6086161	Rye Road - SR 64 - Southbound Right Turn Lane																																																															
Status: Existing Initial Year: 2017 District 1 Location: Rye Road - SR 64, Bradenton																																																																	
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																	
Scope		Project Map																																																															
Construct southbound right turn lane. FDOT is planning intersection improvements at this location. The county participation includes a southbound right turn lane.																																																																	
Rationale																																																																	
To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.																																																																	
Funding Strategy																																																																	
Impact Fees																																																																	
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Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:	0	0	0	0	0	0	0	0																																																									
Land:	0	0	0	0	0	0	0	0																																																									
Construction:	10/01/16	12/31/17	0	0	813,750	0	0	0																																																									
Equipment:			0	0	0	0	0	0																																																									
Project Mgt.:	07/01/16	12/31/17	0	0	0	0	0	0																																																									
Totals:			0	0	813,750	0	0	813,750																																																									
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No. of Positions:	0	0	0	0																																																													

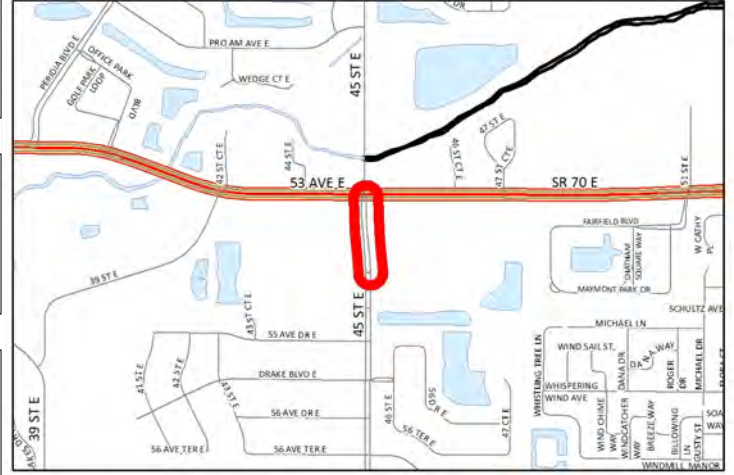
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation			Project# 6086160		Rye Road - SR 64 - Upper Manatee River Road						
Status: Existing Initial Year: 2014 District 1 Location: Rye Road, Bradenton											
Comprehensive Plan Information						Project Mgr: Mike Sturm					
CIE Project: No LOS/Concurrency: No Plan Reference:						Project Need: Maintenance					
Scope						Project Map					
Roadway functional improvements to include widening of existing roadway to 24', adding a turn lane at Water Line Service Road, roadside ditch piping, and shoulder enhancement where necessary. In addition, the existing force main will be upsized to accommodate expected capacity.											
Rationale											
To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.											
Funding Strategy											
Gas Taxes Impact Fees											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	09/30/14	206,653	14,000	0	0	0	0	0	0	14,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/16	12/31/17	0	2,755,200	0	0	0	0	0	0	2,755,200
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/17	8,579	0	0	0	0	0	0	0	0
Totals:			215,232	2,769,200	0	0	0	0	0	0	2,769,200
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	2,500	2,500	2,500	2,500							
Operating Capital:											
Operating Total:	2,500	2,500	2,500	2,500							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources				Amount		
					All Prior Funding				2,769,200		
					Total Funding:				2,769,200		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6086360	SR 64 - 57th Street East (Morgan Johnson) Intersection									
Status: Existing Initial Year: 2014 District 5 Location: SR 64 - Morgan Johnson Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Provide dual northbound to westbound left turn lanes on Morgan Johnson Road, revise signal head locations on SR 64 signals, widen existing Morgan Johnson Road to a four lane section for approximately 1,100 linear feet south of SR 64.											
Rationale											
To increase safety at intersection location.											
Funding Strategy											
Gas Taxes Federal / State Revenues and Grants											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	09/30/14	123,755	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/15	12/31/16	237,927	613,777	0	0	0	0	0	0	613,777
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	31,141	0	0	0	0	0	0	0	0
Totals:			392,823	613,777	0	0	0	0	0	0	613,777
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	500	500	500	500							
Operating Capital:											
Operating Total:	500	500	500	500							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						613,777
					Total Funding:						613,777

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6082361	SR 70 at Lockwood Ridge Road Northbound										
Status: Existing Initial Year: 2015 Multi-district Location: SR 70-Lockwood Ridge Road, Bradenton												
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter										
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Other Need												
Scope												
Design and construct a second northbound right turn lane.												
Rationale												
Achieve and maintain adopted levels of service and to accommodate the needs of new growth.												
Funding Strategy												
Impact Fees												
Project Map												
												
Schedule of Activities												
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding							
					FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	
Design:	10/01/17	09/30/18	0	0	0	0	0	0	0	0	0	
Land:			0	0	0	0	0	0	0	0	0	
Construction:	10/01/18	12/31/19	0	0	300,000	0	0	0	0	0	300,000	
Equipment:			0	0	0	0	0	0	0	0	0	
Project Mgt.:	10/01/16	12/31/19	0	0	45,000	0	0	0	0	0	45,000	
Totals:			0	0	345,000	0	0	0	0	0	345,000	
Operating Budget Impacts												
	FY2018	FY2019	FY2020	FY2021	Means of Financing							
Personal:					Funding Sources							Amount
Non-Personal:	0	0	500	500	Impact Fees							345,000
Operating Capital:					Total Funding:							345,000
Operating Total:	0	0	500	500								
No.of Positions:	0	0	0	0								

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6022960	Sunny Shores Mobile Home Park																																																																																															
Status: Existing Initial Year: 2015 District 3 Location: Sunny Shores MHP, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Brian Martineau																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope		Project Map																																																																																															
Remove and replace asphalt and base and address the drainage in the area. This process cannot raise the existing road elevation and will be difficult with larger construction equipment due to the trailer setbacks and narrow roadways. It is intended to utilize existing base material by mixing in place, if possible.																																																																																																	
Rationale																																																																																																	
Roads in the subdivision are 12' to 20' wide with no defined drainage. Currently roads are repaired with patching. The roads currently hold water during rain events and roads will continue to fail.																																																																																																	
Funding Strategy																																																																																																	
Gas Taxes																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: left;">Programmed Funding</th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td>11/01/14</td> <td>02/28/16</td> <td style="text-align: right;">19,710</td> <td style="text-align: right;">10,500</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">10,500</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Construction:</td> <td>11/01/14</td> <td>12/31/16</td> <td style="text-align: right;">0</td> <td style="text-align: right;">550,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">550,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>11/01/14</td> <td>12/31/16</td> <td style="text-align: right;">4,276</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">23,986</td> <td style="text-align: right;">560,500</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">560,500</td> </tr> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	11/01/14	02/28/16	19,710	10,500	0	0	0	0	0	0	10,500	Land:			0	0	0	0	0	0	0	0	0	Construction:	11/01/14	12/31/16	0	550,000	0	0	0	0	0	0	550,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	11/01/14	12/31/16	4,276	0	0	0	0	0	0	0	0	Totals:			23,986	560,500	0	0	0	0	0	0	560,500
Schedule of Activities			Programmed Funding																																																																																														
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Design:	11/01/14	02/28/16	19,710	10,500	0	0	0	0	0	0	10,500																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	11/01/14	12/31/16	0	550,000	0	0	0	0	0	0	550,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	11/01/14	12/31/16	4,276	0	0	0	0	0	0	0	0																																																																																						
Totals:			23,986	560,500	0	0	0	0	0	0	560,500																																																																																						
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Operating Total:	12,500	12,500	12,500	12,500																																																																																													
No.of Positions:	0	0	0	0																																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">Means of Financing</th> </tr> <tr> <th>Funding Sources</th> <th>Amount</th> </tr> <tr> <td>All Prior Funding</td> <td style="text-align: right;">560,500</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">560,500</td> </tr> </table>						Means of Financing		Funding Sources	Amount	All Prior Funding	560,500	Total Funding:	560,500																																																																																				
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6059361	Tallevast Road Railroad Crossing Replacement																																																																																															
Status: Existing Initial Year: 2016 District 4 Location: Tallevast Road, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Anthony Benitez																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope This project provides funding for the replacement of the rail crossing surface on Tallevast Road just east of US 301. The existing crossing is a segmented rubber material between the rails and on either side of the tracks. The project will replace the rubber material with a long lasting concrete material to provide an estimated 30-50 year life compared to the 10 years for the rubber materials. Project Map 																																																																																																	
Rationale This project continues the proactive approach Manatee County has had with maintaining railroad crossings. The proposed concrete repairs will remove this crossing from a repair concern for the next 30 years or more.																																																																																																	
Funding Strategy Gas Taxes																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th style="text-align: center;">Activity</th> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/15</td> <td>09/30/16</td> <td style="text-align: right;">0</td> <td style="text-align: right;">10,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">10,000</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Construction:</td> <td>10/01/16</td> <td>12/31/17</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">400,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">400,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/15</td> <td>12/31/17</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">10,000</td> <td style="text-align: right;">400,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">410,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/15	09/30/16	0	10,000	0	0	0	0	0	0	10,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/16	12/31/17	0	0	400,000	0	0	0	0	0	400,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0	Totals:			0	10,000	400,000	0	0	0	0	0	410,000
Schedule of Activities			Programmed Funding																																																																																														
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Design:	10/01/15	09/30/16	0	10,000	0	0	0	0	0	0	10,000																																																																																						
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Construction:	10/01/16	12/31/17	0	0	400,000	0	0	0	0	0	400,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/15	12/31/17	0	0	0	0	0	0	0	0	0																																																																																						
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6044600	Tallevast Road Sidewalks																																																																																															
Status: Existing Initial Year: 2016 District 4 Location: Tallevast Rd., 15th St E-Post Office, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Anthony Benitez																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope		Project Map																																																																																															
Install concrete sidewalk on north side of Tallevast Road from 15th Street East to the Post Office. Widen, mill and overlay from railroad tracks to frontage of Manatee County Transit Fleet Facility.																																																																																																	
Rationale																																																																																																	
Provide safe pedestrian access from 15th Street East to the Post Office along Tallevast Road. Functional improvements will widen existing road from 21 to 24 feet from railroad crossing to Post Office.																																																																																																	
Funding Strategy																																																																																																	
Gas Taxes																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
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Design:	10/01/15	12/31/15	1,690	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/29/16	12/31/16	180,961	1,697,000	0	0	0	0	0	0	1,697,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	01/26/16	12/31/16	4,221	0	0	0	0	0	0	0	0																																																																																						
Totals:			186,873	1,697,000	0	0	0	0	0	0	1,697,000																																																																																						
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Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6035161	US 301 - Ellenton Gillette Road Intersection Improvements

Status: Existing Initial Year: 2014 District 2 Location: US 301 - Ellenton Gillette Road, Ellenton

Comprehensive Plan Information

Project Mgr: **Mike Sturm**

CIE Project: **Yes** LOS/Concurrency: **Yes** Plan Reference:

Project Need: **Growth**

Scope

Expand services to upgrade existing intersection to mast arm signalized intersection, and expand left turn lanes on the west and north legs. Replace existing 6" PVC water main under Ellenton Gillette Road with 8" ductile iron water main, along with hydrants and services due to the road widening and the utility being under the road.

Project Map



Rationale

To accommodate future development approval stipulations and anticipated future capacity requirements.

Funding Strategy

Impact Fees

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/10	06/30/15	352,433	0	0	0	0	0	0	0	0
Land:	10/01/11	03/31/16	138,450	1,300,000	0	0	0	0	0	0	1,300,000
Construction:	01/01/16	12/31/17	3,993	1,760,000	0	0	0	0	0	0	1,760,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/17	18,869	0	0	0	0	0	0	0	0
Totals:			513,746	3,060,000	0	0	0	0	0	0	3,060,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:	500	500	500	500
Operating Capital:				
Operating Total:	500	500	500	500
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	3,060,000
Total Funding:	3,060,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6061960	US 301 - Fort Hamer Road Intersection									
Status: Existing Initial Year: 2010 District 1 Location: US 301 at Fort Hamer Road, Parrish											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: Yes LOS/Concurrency: Yes Plan Reference: Project Need: Growth											
Scope											
Intersection improvements including realignment and turn lanes for left turn on US 301 southbound and right turn on US 301 northbound directions. Add cul-de-sacs to 60th Street East and Doris Road to include connector roadway and signalization at Fort Hamer to provide an expanded intersection and accommodate increased capacity.											
Rationale											
To expand services and enhance safety and access onto US 301, and to provide for anticipated increased capacity. This project is associated with the upcoming Fort Hamer / Upper Manatee River Road bridge crossing.											
Funding Strategy											
Impact Fees Gas Taxes											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/10	06/30/10	521,604	1,334,513	0	0	0	0	0	0	1,334,513
Land:	07/01/10	03/31/12	1,313,309	0	0	0	0	0	0	0	0
Construction:	01/01/13	12/31/16	2,375,967	5,096,487	0	0	0	0	0	0	5,096,487
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/10	12/31/16	189,364	219,000	0	0	0	0	0	0	219,000
Totals:			4,400,244	6,650,000	0	0	0	0	0	0	6,650,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:	6,000	6,000	6,000	6,000							
Operating Capital:											
Operating Total:	6,000	6,000	6,000	6,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						6,650,000
					Total Funding:						6,650,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

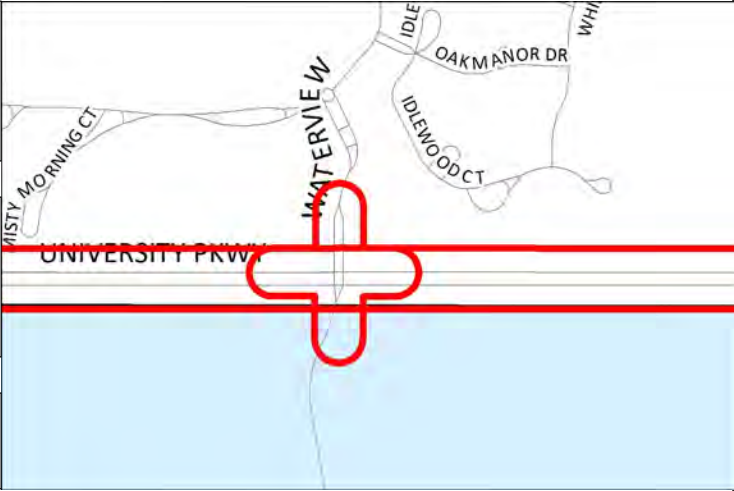
Transportation	Project# 6083906	US 301 - Tallevast Road - Capacity Improvements
Status: Existing Initial Year: 2015 District 4 Location: US 301 - Tallevast Road, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: Yes Plan Reference:		Project Need: Growth

<u>Scope</u> Capacity improvements related to turn lanes at the intersection of Tallevast Road. The improvements will include the east bound approach on Tallevast to provide dedicated left, through and right turn lanes as well as receive the south bound turn lane; lengthen the south bound to west bound right turn lane on US 301 and lengthen the north bound to west bound left turn lane on US 301. All improvements are required by FDOT as part of the construction of the Transit Fleet Facility on Tallevast Road. <u>Rationale</u> The new facility requires access point on Tallevast Road. New turn lanes are required to minimize the impact of the new driveway on the existing roadway traffic. The right turn lane will be the addition of that lane and the left turn lane will require widening the roadway to the south to make room for the turn lane. All work is intended to be done concurrently with the Transit Fleet Facility construction and construction contract to keep control and coordination of the construction site. <u>Funding Strategy</u> Impact Fees	Project Map 

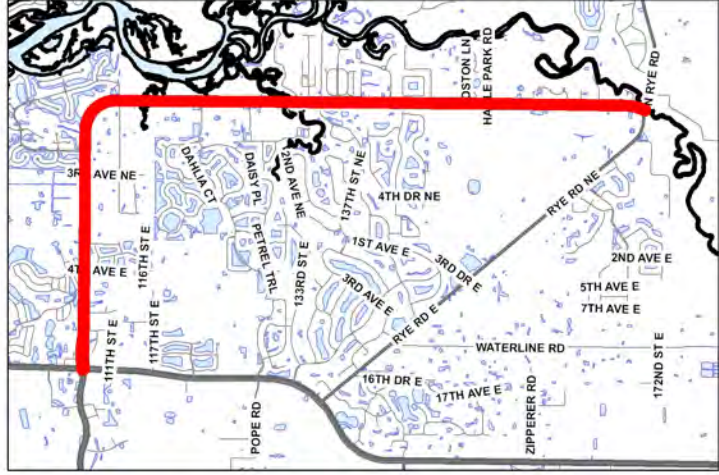
<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	12/31/15	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/16	12/31/17	526,745	799,616	0	0	0	0	0	0	799,616
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	13,748	0	0	0	0	0	0	0	0
Totals:			540,493	799,616	0	0	0	0	0	0	799,616

<u>Operating Budget Impacts</u>					<u>Means of Financing</u>	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:	1,500	1,500	1,500	1,500	All Prior Funding	799,616
Operating Capital:					Total Funding:	799,616
Operating Total:	1,500	1,500	1,500	1,500		
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation			Project# 6086260		University Parkway at Waterview												
Status: Existing Initial Year: 2015 District 5 Location: University Parkway at Waterview																	
Comprehensive Plan Information								Project Mgr: Mike Sturm									
CIE Project: No LOS/Concurrency: No Plan Reference:																	
Project Need: Other Need																	
Scope						Project Map											
Design and construction of a traffic signal at the University Parkway/Waterview intersection.																	
												Rationale					
												Increase safety at the intersection.					
Funding Strategy																	
Gas Taxes																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	01/01/14	03/31/15	109,504	0	0	0	0	0	0	0	0						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/15	12/31/16	584,116	757,186	0	0	0	0	0	0	757,186						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	01/01/14	12/31/16	63,565	0	0	0	0	0	0	0	0						
Totals:			757,185	757,186	0	0	0	0	0	0	757,186						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:	500	500	500	500													
Operating Capital:																	
Operating Total:	500	500	500	500													
No.of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					All Prior Funding						757,186						
					Total Funding:						757,186						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# 6082660	Upper Manatee River Road - SR 64 to Curve																																																																																															
Status: Existing Initial Year: 2012 District 1 Location: Upper Manatee River Road, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: William Lorenzo																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth, Maintenance																																																																																																	
Scope Roadway functional improvements to include shoulder enhancement where necessary. Project Map 																																																																																																	
Rationale To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.																																																																																																	
Funding Strategy Gas Taxes																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
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Design:	10/01/11	09/30/14	71,825	190,000	0	0	0	0	0	0	190,000																																																																																						
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Construction:	10/01/14	03/31/17	1,139,034	3,311,612	0	0	0	0	0	0	3,311,612																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/11	03/31/17	300,287	10,000	0	0	0	0	0	0	10,000																																																																																						
Totals:			1,511,146	3,511,612	0	0	0	0	0	0	3,511,612																																																																																						
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Funding Sources	Amount																																																																																																
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Total Funding:	3,511,612																																																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Transportation	Project# TR01346	Wauchula Road Over Young's Creek Bridge Replacement									
Status: Existing Initial Year: 2018 District 5 Location: Wauchula Road - Young's Creek											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Deficiency											
Scope											
The bridge over Young's Creek on Wauchula Road (FDOT# 134049) was constructed in 1951. Wauchula Road is the easternmost north-south connector between SR 64 and SR 70 in the Myakka area and is integral for local residential, commercial, and agricultural traffic. The detour around the bridge is 18 miles (35 miles when using roads in Manatee County). This structure is posted for loads that are 65% of the normal legal load. The structure currently has a low health index rating of 60 (out of 100) and sufficiency rating of 29 (out of 100) Scheduling this structure replacement in the next 5 years will save on maintenance costs over time and begin to reinvest in the critical infrastructure in the heart of our agriculture business area.											
Rationale											
This project begins the philosophy of proactive infrastructure management rather than a purely reactive approach. This structure on Wauchula Road is a critical failure point in the road network of the Myakka City area. Designing and replacing this structure prior to an emergency allows all design and engineering cost savings to be applied while still realizing the cost savings from reduced maintenance during the early part of anticipated 50 year life of the new structure.											
Funding Strategy											
Gas Taxes											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	55,000	0	0	0	0	55,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/20	0	0	0	0	900,000	0	0	0	900,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	55,000	900,000	0	0	0	955,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Gas Taxes						955,000
					Total Funding:						955,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Wastewater

Source of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
All Sources	61,342,062	154,206,647	0	0	0	0	0	0	154,206,647
Debt Proceeds	0	0	5,810,900	18,065,200	13,190,100	5,621,000	0	0	42,687,200
Facility Investment Fees	0	0	5,194,445	7,576,000	196,500	2,366,000	1,000,000	0	16,332,945
Rates	0	0	16,116,880	8,687,200	15,597,400	16,111,618	30,611,595	10,274,000	97,398,693
Total Source of Funds	61,342,062	154,206,647	27,122,225	34,328,400	28,984,000	24,098,618	31,611,595	10,274,000	310,625,485

Use of Funds

	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total Budget
Wastewater Collections	1,468,435	9,741,898	1,312,500	5,500,000	0	1,000,000	1,000,000	0	18,554,398
Wastewater Growth Related Booster Station	0	567,000	323,775	8,273,950	6,289,200	674,448	0	0	16,128,373
Wastewater Restore/Rehab	7,055,044	54,477,989	8,300,050	7,352,000	10,099,500	9,613,130	8,882,000	0	98,724,669
Wastewater Transportation Related	813,220	3,390,551	326,000	0	0	1,000,000	1,000,000	0	5,716,551
Wastewater Treatment	52,005,363	86,029,209	16,859,900	13,202,450	12,595,300	11,811,040	20,729,595	10,274,000	171,501,494
Total Use of Funds	61,342,062	154,206,647	27,122,225	34,328,400	28,984,000	24,098,618	31,611,595	10,274,000	310,625,485



MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Wastewater Collections									
1 Force Main 41A Redirect to Tara 20 (6028388 / Existing)	0	0	1,312,500	5,500,000	0	0	0	0	6,812,500
2 Line Extension and Participation (WW01257 / Existing)	0	0	0	0	0	1,000,000	1,000,000	0	2,000,000
3 Parrish Village Force Main and Master Lift Station (6069180 / Existing)	1,378,211	6,461,898	0	0	0	0	0	0	6,461,898
4 Tara 20 Force Main Parallel to Lena Road (6079881 / Existing)	90,224	3,280,000	0	0	0	0	0	0	3,280,000
Wastewater Collections	1,468,435	9,741,898	1,312,500	5,500,000	0	1,000,000	1,000,000	0	18,554,398
Wastewater Growth Related Booster Stations									
5 Mocassin Wallow Road - 12" Force Main Extension (6066180 / Existing)	0	0	323,775	0	0	0	0	0	323,775
6 North Water Reclamation Facility Headworks Second Grit Removal System (WW01245 / Existing)	0	0	0	168,000	1,872,000	0	0	0	2,040,000
7 SR70 @ I-75 Interchange Wastewater Main & Facility Relocations (6053681 / Existing)	0	92,000	0	0	0	674,448	0	0	766,448
8 Southeast Water Reclamation Facility Dedicated Plant Drain Station (WW01248 / Existing)	0	0	0	187,950	1,239,600	0	0	0	1,427,550
9 Southeast Water Reclamation Facility Return Activated Sludge & Waste Activated Sludge System Upgrade (WW01249 / Existing)	0	0	0	306,000	2,325,600	0	0	0	2,631,600
10 Southeast Water Reclamation Facility Storage Lakes & Pump Back Station Improvements (WW01250 / Existing)	0	0	0	7,612,000	0	0	0	0	7,612,000
11 Southwest Water Reclamation Facility Bleach Tank Roofover (WW01256 / Existing)	0	0	0	0	852,000	0	0	0	852,000
12 Trevesta Subdivision Phase I - Sewer Line Installation (6087680 / Existing)	0	475,000	0	0	0	0	0	0	475,000
Wastewater Growth Related Booster Stations	0	567,000	323,775	8,273,950	6,289,200	674,448	0	0	16,128,373

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Wastewater Restore/Rehab									
13 12A Motor Control Center Rehabilitation (WW01365 / Existing)	0	0	0	0	0	687,000	0	0	687,000
14 13A Motor Control Center Rehabilitation (WW01366 / Existing)	0	0	0	0	0	375,000	0	0	375,000
15 13A Wet Well Rehabilitation (WW01367 / Existing)	0	0	0	0	0	564,500	0	0	564,500
16 1M Motor Control Center Rehabilitation (WW01364 / Existing)	0	0	0	0	0	375,000	0	0	375,000
17 27A Motor Control Center Rehabilitation (WW01368 / Existing)	0	0	0	0	687,000	0	0	0	687,000
18 39A Motor Control Center Rehabilitation (WW01369 / Existing)	0	0	0	0	600,000	0	0	0	600,000
19 51st Street Gravity Main Sewer Replacement (6035782 / Existing)	1,806,291	3,372,000	0	0	0	0	0	0	3,372,000
20 Colony Cove 1 Phase III Gravity Sewer Replacement/Rehab (6005684 / Existing)	168	20,000	84,000	971,000	0	0	0	0	1,075,000
21 Colony Cove 1 and 2 - Gravity Sewer Rehabilitation (6005680 / Existing)	436,963	2,019,315	0	0	0	0	0	0	2,019,315
22 Colony Cove 2 - Sanitary Sewer Replacement/Rehab (6005683 / Existing)	5,274	20,000	106,000	1,440,000	0	0	0	0	1,566,000
23 End of Service Life Collection Line Replacement (WW01259 / Existing)	0	0	2,500,000	3,000,000	3,500,000	4,000,000	4,500,000	0	17,500,000
24 End of Service Life Lift Stations Replacement & Generators (WW01258 / Existing)	0	0	0	0	1,500,000	1,500,000	1,500,000	0	4,500,000
25 Force Main 1/1C/Imperial House Replacement (6028389 / Existing)	0	0	53,000	390,000	0	0	0	0	443,000
26 Force Main 11 Replacement - 52nd Street (6022489 / Existing)	0	0	105,000	1,020,000	0	0	0	0	1,125,000
27 Force Main 11 Replacement - 56th Street & Holmes Road (WW01359 / Existing)	0	0	0	147,000	1,500,000	0	0	0	1,647,000
28 Force Main 12A Rehabilitation (6028386 / Existing)	94,577	4,815,000	0	0	0	0	0	0	4,815,000
29 Force Main 13A Rehabilitation (6049181 / Existing)	488,728	6,336,699	1,575,000	0	0	0	0	0	7,911,699
30 Force Main 17A Replacement (6028385 / Existing)	29,035	433,000	0	0	0	0	0	0	433,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
31 Force Main 18M Rehabilitation (6083780 / Existing)	71,387	750,000	0	0	0	0	0	0	750,000
32 Force Main 1D Rehabilitation (6035781 / Existing)	367,656	5,820,000	0	0	0	0	0	0	5,820,000
33 Force Main 1M Rehabilitation (6085780 / Existing)	528,041	8,390,000	0	0	0	0	0	0	8,390,000
34 Force Main 23A Replacement (6022488 / Existing)	33,580	403,000	0	0	0	0	0	0	403,000
35 Force Main 27A Rehabilitation (6023180 / Existing)	42,484	2,040,000	0	0	0	0	0	0	2,040,000
36 Force Main 27A from 51st Street West to the Southwest Water Reclamation Facility (6082980 / Existing)	2,399,639	6,350,000	0	0	0	0	0	0	6,350,000
37 Force Main 30A Replacement (6028387 / Existing)	0	0	36,800	384,000	0	0	0	0	420,800
38 Force Main 31A Replacement (6052181 / Existing)	32,012	1,150,000	0	0	0	0	0	0	1,150,000
39 Force Main 33A Replacement (WW01360 / Existing)	0	0	0	0	105,000	1,080,000	0	0	1,185,000
40 Force Main 5 Rehabilitation (Anna Maria Island) (6041585 / Existing)	453,747	5,004,000	2,330,000	0	0	0	0	0	7,334,000
41 Force Main Orlando Avenue Replacement (WW01362 / Existing)	0	0	0	0	0	63,000	510,000	0	573,000
42 MLS 12A Emergency Generator Replacement (6022384 / Existing)	43,656	507,750	0	0	0	0	0	0	507,750
43 MLS 12A Pumps & Variable Frequency Drive Replacement (WW01226 / Existing)	0	0	0	0	0	500,000	0	0	500,000
44 MLS 12A Wet Well Rehab & Dimminutor Replacement (6022287 / Existing)	7,254	848,250	0	0	0	0	0	0	848,250
45 MLS 13A Emergency Generator Replacement (6022382 / Existing)	42,104	972,175	0	0	0	0	0	0	972,175
46 MLS 1D Electrical Rehab (WW01412 / Requested)	0	0	0	0	0	0	387,000	0	387,000
47 MLS 1D Wet Well Rehab & Dimminutor Replacement (6060789 / Existing)	2,676	888,250	0	0	0	0	0	0	888,250
48 MLS 1M Emergency Generator Replacement (6022383 / Existing)	39,516	627,750	0	0	0	0	0	0	627,750
49 MLS 27A Emergency Generator Replacement (6022289 / Existing)	39,588	677,750	0	0	0	0	0	0	677,750

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
50 MLS 27A Pumps and Variable Frequency Drive Replacement (WW01232 / Existing)	0	0	0	0	500,000	0	0	0	500,000
51 MLS 39A Emergency Generator Replacement (WW01233 / Existing)	0	0	0	0	457,000	0	0	0	457,000
52 MLS 39A Pumps & Variable Frequency Drive Replacement (6017982 / Existing)	29,445	588,250	702,000	0	0	0	0	0	1,290,250
53 MLS 5 Electrical Improvements (WW01413 / Requested)	0	0	0	0	0	0	387,000	0	387,000
54 MLS 5 Wet Well Rehabilitation (6060786 / Existing)	276	507,750	258,000	0	0	0	0	0	765,750
55 MLS Lakewood Ranch Emergency Generator Replacement (WW01237 / Existing)	0	0	0	0	795,000	0	0	0	795,000
56 MLS Lakewood Ranch Wet Well Rehabilitation (WW01238 / Existing)	0	0	0	0	455,500	0	0	0	455,500
57 MLS N1-B Dimminutor Replacement (6022288 / Existing)	2,152	529,375	0	0	0	0	0	0	529,375
58 MLS N1-B Emergency Generator Replacement (6060787 / Existing)	27,138	507,750	230,250	0	0	0	0	0	738,000
59 MLS N1-B Motor Control Center Rehab (WW01414 / Requested)	0	0	0	0	0	0	687,000	0	687,000
60 MLS N1-B Pumps & Variable Frequency Drive Replacement (WW01241 / Existing)	0	0	0	0	0	0	500,000	0	500,000
61 MLS Tara 20 Wet Well Rehabilitation (6060788 / Existing)	4,155	392,175	0	0	0	0	0	0	392,175
62 MLS Tideview 4 Emergency Generator Replacement (6060785 / Existing)	27,502	507,750	250,000	0	0	0	0	0	757,750
63 Sewer Screening System for Detention Center (WW01411 / Requested)	0	0	0	0	0	468,630	0	0	468,630
64 Tidevue Electrical Rehab (WW01415 / Requested)	0	0	0	0	0	0	411,000	0	411,000
65 Trailer Estates Restore & Rehab (6018082 / Requested)	0	0	70,000	0	0	0	0	0	70,000
Wastewater Restore/Rehab	7,055,044	54,477,989	8,300,050	7,352,000	10,099,500	9,613,130	8,882,000	0	98,724,669

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Wastewater Transportation Related									
66 45th Street East - 44th Avenue East - SR 70 - Sewer (6025682 / Existing)	28,225	703,576	0	0	0	0	0	0	703,576
67 53rd Avenue West (43rd Street West - 75th Street West) Reclaimed Water (6082990 / Existing)	522,289	700,000	0	0	0	0	0	0	700,000
68 Erie Road North - US301 - Utility Relocations (6082880 / Existing)	0	0	326,000	0	0	0	0	0	326,000
69 Rye - SR 64 - Upper Manatee River Road - Sewer (6086180 / Existing)	236,414	1,950,000	0	0	0	0	0	0	1,950,000
70 Transportation Related - Wastewater (WW01372 / Existing)	0	0	0	0	0	1,000,000	1,000,000	0	2,000,000
71 US301 - CR 675 - Moccasin Wallow Road - Sewer (6085480 / Existing)	26,292	36,975	0	0	0	0	0	0	36,975
Wastewater Transportation Related	813,220	3,390,551	326,000	0	0	1,000,000	1,000,000	0	5,716,551

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
Wastewater Treatment									
72 Cortez Road DIW Booster Station (WW01410 / Requested)	0	0	0	0	0	315,000	2,520,000	0	2,835,000
73 Deep Injection Well Booster Station (WW01222 / Existing)	0	0	0	740,250	5,151,300	0	0	0	5,891,550
74 Manatee Agricultural Reclaimed System Chlorination at Southwest Water Reclamation Facility (6082190 / Existing)	419,132	765,000	0	0	0	0	0	0	765,000
75 Manatee Agricultural Reuse Supply - Erie Road Main Tie-In (6085590 / Existing)	0	311,000	0	2,076,000	0	0	0	0	2,387,000
76 Manatee Agricultural Reuse Supply - Management Improvements (6082091 / Existing)	982,412	4,890,000	0	0	0	0	0	0	4,890,000
77 Manatee Reclaimed System Booster Pump Stations (WW00968 / Existing)	0	0	0	0	0	703,500	4,912,600	0	5,616,100
78 Manatee Reclaimed System Reclaim Participation (WW01373 / Existing)	0	0	0	0	0	100,000	100,000	0	200,000
79 NWRf 10MG Reclaimed Water Storage Tank and High Service Pump Station (WW01422 / Requested)	0	0	0	0	0	0	785,500	10,274,000	11,059,500
80 NWRf Reclaimed Water Storage Lake Improvements (WW01421 / Requested)	0	0	0	0	0	315,000	2,800,000	0	3,115,000
81 North Water Reclamation Facility 4th Belt Filter Press & BFP Automation (WW01244 / Existing)	0	0	0	0	393,000	2,732,000	0	0	3,125,000
82 North Water Reclamation Facility Class I Deep Injection Well (6079480 / Existing)	1,139,022	11,797,719	9,100,000	0	0	0	0	0	20,897,719
83 North Water Reclamation Facility Equalization Tank (6088490 / Existing)	463,500	1,184,000	6,004,900	0	0	0	0	0	7,188,900
84 North Water Reclamation Facility Secondary Clarifier 1 & 2 Refurbishment (WW01246 / Existing)	0	0	0	241,500	1,920,000	0	0	0	2,161,500
85 North Water Reclamation Facility Sludge Holding Improvements (6050581 / Existing)	3,874,431	4,595,000	0	0	0	0	0	0	4,595,000
86 North Water Reclamation Facility South Chlorine Contact Chamber Refurbishment (WW01247 / Existing)	0	0	0	119,700	1,034,400	0	0	0	1,154,100

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
87 SEWRF & Landfill Network Connection (6088680 / Requested)	0	0	390,000	0	0	0	0	0	390,000
88 SEWRF Anoxic Basin Mixer Replacement (WW01417 / Requested)	0	0	0	0	0	240,000	1,820,000	0	2,060,000
89 SEWRF Arc Flash Mitigation (WW01420 / Requested)	0	0	0	0	475,000	0	0	0	475,000
90 SEWRF Automatic Backwash Filter Refurbishment (WW01418 / Requested)	0	0	0	0	0	113,000	1,275,000	0	1,388,000
91 SEWRF Refurbishment of Automatic Backwash Filters 1 & 2 (6087780 / Existing)	10,754	830,000	0	0	0	0	0	0	830,000
92 SEWRF Slide & Sluice Gates Replacement (WW01416 / Requested)	0	0	0	0	0	122,000	923,000	0	1,045,000
93 SSWRF Second Cloth Filter (WW01423 / Requested)	0	0	0	0	0	319,000	2,425,000	0	2,744,000
94 Southeast Water Reclamation Facility 10 Million Gallon Storage Tanks and Interconnection (6084880 / Existing)	8,650,126	11,248,747	0	0	0	0	0	0	11,248,747
95 Southeast Water Reclamation Facility Headworks Rehabilitation (6083380 / Existing)	2,152,014	2,450,000	0	0	0	0	0	0	2,450,000
96 Southeast Water Reclamation Facility Internal Recycle Pumps (6083580 / Existing)	2,532,510	2,910,000	0	0	0	0	0	0	2,910,000
97 Southeast Water Reclamation Facility Lake Filtering System - Slope Stabilization (6073780 / Existing)	5,345,208	6,545,000	0	0	0	0	0	0	6,545,000
98 Southeast Water Reclamation Facility Maintenance Building (6085080 / Existing)	2,986,699	3,036,000	0	0	0	0	0	0	3,036,000
99 Southeast Water Reclamation Facility Septage Receiving Station (6083480 / Existing)	1,836,740	4,400,500	0	0	0	0	0	0	4,400,500
100 Southwest Water Reclamation Facility - Electrical Distribution System Rehab/Enhancement (WW01370 / Existing)	0	0	0	0	0	1,230,540	3,168,495	0	4,399,035
101 Southwest Water Reclamation Facility Automatic Backwash Filter Rehabilitation (6016681 / Existing)	1,423,781	2,459,000	0	0	0	0	0	0	2,459,000

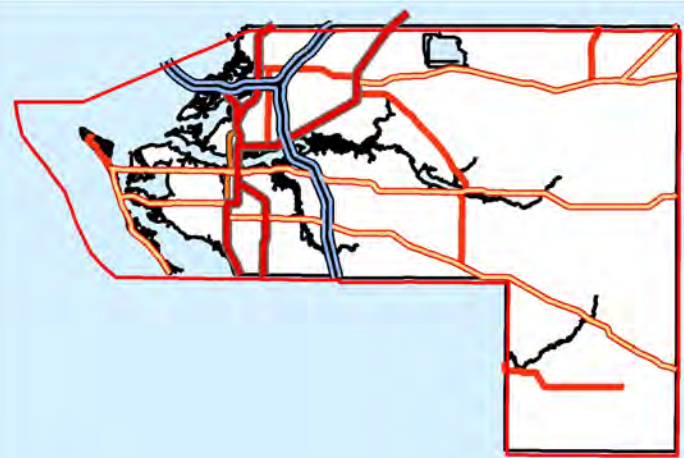
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Total
102 Southwest Water Reclamation Facility Belt Filter Press Electrical Rehabilitation & Monitoring (WW01251 / Existing)	0	0	0	455,000	3,174,600	0	0	0	3,629,600
103 Southwest Water Reclamation Facility Class V Recharge Well & Aquifer Storage Recovery Well (6069081 / Existing)	1,803,708	6,627,000	0	0	0	0	0	0	6,627,000
104 Southwest Water Reclamation Facility Equalization System Rehabilitation (WW01254 / Existing)	0	0	0	0	447,000	5,621,000	0	0	6,068,000
105 Southwest Water Reclamation Facility New Headworks (6083381 / Existing)	0	0	1,365,000	9,570,000	0	0	0	0	10,935,000
106 Southwest Water Reclamation Facility Process Modifications for Nitrogen Removal (6079080 / Existing)	18,385,326	21,980,243	0	0	0	0	0	0	21,980,243
Wastewater Treatment	52,005,363	86,029,209	16,859,900	13,202,450	12,595,300	11,811,040	20,729,595	10,274,000	171,501,494

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Force Main 41A Redirect to Tara 20						
Wastewater Collections			6028388								
Status: Existing Initial Year: 2014 District 5 Location: Whitfield Ave - Old Farm Road - Winslow Ave, Bradenton											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope						Project Map					
Install approximately 21,000 linear feet of 16 inch and 20 inch force main. Install 20 inch force main along Whitfield Avenue, Old Farm Road and Winslow Avenue, from Pump Station 454 to the existing 16 inch force main. Install 16 inch force main from the proposed 20 inch connection to Pump Station 323.											
Rationale											
Divert wastewater flow from 41A to Tara 20 instead of 39A. This will allow for improved capacity through Master Lift Station 39A service area. As Tara 20 and 41A areas are currently built out, the combined systems with these added improvements will be able to handle the maximum peak flow demands combined between 41A and Tara 20. Lift Station Tara 20 has been previously upgraded.											
Funding Strategy											
Facility Investment Fees - Sewer											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	1,000,000	0	0	0	0	0	1,000,000
Land:	01/01/17	06/30/17	0	0	250,000	0	0	0	0	0	250,000
Construction:	10/01/17	12/31/19	0	0	0	5,000,000	0	0	0	0	5,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/19	0	0	62,500	500,000	0	0	0	0	562,500
Totals:			0	0	1,312,500	5,500,000	0	0	0	0	6,812,500
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Facility Investment Fees						6,812,500
					Total Funding:						6,812,500

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Line Extension and Participation												
Wastewater Collections			WW01257														
Status: Existing Initial Year: 2020 Countywide Location: Countywide																	
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																	
Scope						Project Map											
Countywide line extension and participation as deemed necessary for growth.																	
												Rationale					
												Line extension and participation necessary to maintain and expand an operable utility system.					
Funding Strategy																	
Facility Investment Fees - Sewer																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	10/01/19	09/30/21	0	0	0	0	0	0	0	0	0						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	10/01/19	09/30/21	0	0	0	0	0	1,000,000	1,000,000	0	2,000,000						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/19	09/30/21	0	0	0	0	0	0	0	0	0						
Totals:			0	0	0	0	0	1,000,000	1,000,000	0	2,000,000						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Facility Investment Fees						2,000,000						
					Total Funding:						2,000,000						

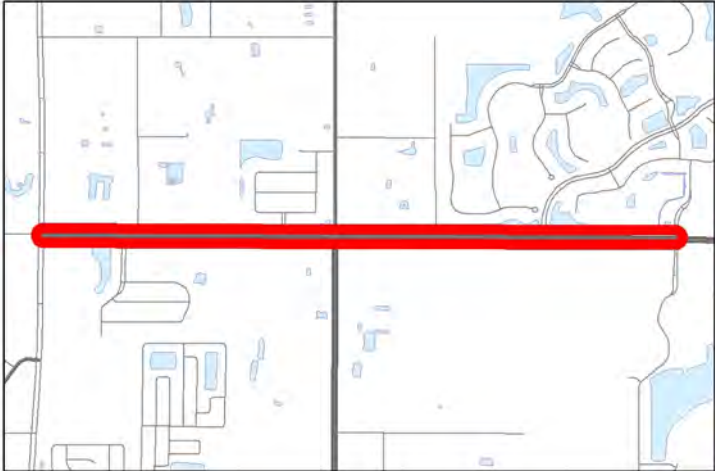
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Parrish Village Force Main and Master Lift Station									
Wastewater Collections	6069180										
Status: Existing Initial Year: 2008 District 1 Location: SR 62 - Erie Road, Parrish											
Comprehensive Plan Information			Project Mgr: Anthony Benitez								
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth									
Scope											
Construction of a new force main and master lift station to connect to the existing 16" force main on US 301 and Erie Road.											
Rationale											
New force main and lift station needed due to future population growth and usage. This project is related to the US 301 - Erie Road/Old Tampa Road to County Road 675 project. This system will provide wastewater service to the Village of Parrish and alleviate the potential future overload of the existing lift station. Project construction to be scheduled relative to corresponding future sewer system demand and requirements.											
Funding Strategy											
Utility Rates Facility Investment Fees - Sewer Debt Proceeds											
Project Map											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/15	06/30/15	560,019	599,500	0	0	0	0	0	0	599,500
Land:	10/01/08	09/30/12	242,773	564,048	0	0	0	0	0	0	564,048
Construction:	10/01/16	12/31/18	487,946	5,230,000	0	0	0	0	0	0	5,230,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/08	12/31/18	87,473	68,350	0	0	0	0	0	0	68,350
Totals:			1,378,211	6,461,898	0	0	0	0	0	0	6,461,898
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						6,461,898
					Total Funding:						6,461,898

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Tara 20 Force Main Parallel to Lena Road									
Wastewater Collections	6079881										
Status: Existing Initial Year: 2014 District 5 Location: 85th Blvd East (Lena Rd) from SR 70 to 41st Avenue East, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth, Maintenance											
Scope											
Install approximately 8,700 linear feet of 20 inch force main to parallel the existing 20 inch force main along 85th Boulevard East (Lena Road) from SR 70 to 41st Street East to the existing 30 inch force main. Force main cleaning includes running a manufactured "pigging" device through the line. Long force mains are typically equipped with "pig" insertion retrieval stations, the "pig" is a device sent through the pipe to ensure the pipe is clean of debris. This project would add "pig" stations to the Tara 20 Force main for easier access.											
Rationale											
To allow for the diversion of wastewater flow currently from 41A to 39A, to flow from 41A to Tara 20. This will improve capacity through Master Lift Station 39A for future growth in this service area. As Tara 20 and 41A are currently built out, the combined systems with these added improvements will be able to handle the maximum peak flow demands combined with 41A and Tara 20.											
Funding Strategy											
Utility Rates Facility Investment Fees - Sewer											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	02/28/15	36,930	505,000	0	0	0	0	0	0	505,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/16	12/31/17	7,711	2,775,000	0	0	0	0	0	0	2,775,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/17	45,583	0	0	0	0	0	0	0	0
Totals:			90,224	3,280,000	0	0	0	0	0	0	3,280,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						3,280,000
					Total Funding:						3,280,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Mocassin Wallow Road - 12" Force Main Extension						
Wastewater Growth Related Booster Stations			6066180								
Status: Existing Initial Year: 2016 District 1 Location: US 41 - Mocassin Wallow Road, Palmetto											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: Yes LOS/Concurrency: Yes Plan Reference: Project Need: Growth											
Scope						Project Map					
Installation of 12" Force Main extension to Mocassin Wallow Road east of US41 immediately prior to FDOT right turn lane on Mocassin Wallow Road.											
Rationale											
There is a need to reroute wastewater flow from the N-1H force main serving Port Manatee from the N-1B Master Pump Station east on Mocassin Wallow Road . This section of the force main needs to be installed prior to the FDOT construction. This project will allow the future Moccasin Wallow 12" force main to be extended east to the Artisan Lakes Master Pump Station.											
Funding Strategy											
Facility Investment Fees - Sewer Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	03/11/16	05/07/16	0	0	42,230	0	0	0	0	0	42,230
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/16/16	12/31/17	0	0	281,545	0	0	0	0	0	281,545
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/11/16	12/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	323,775	0	0	0	0	0	323,775
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Facility Investment Fees						307,586
					Rates						16,189
					Total Funding:						323,775

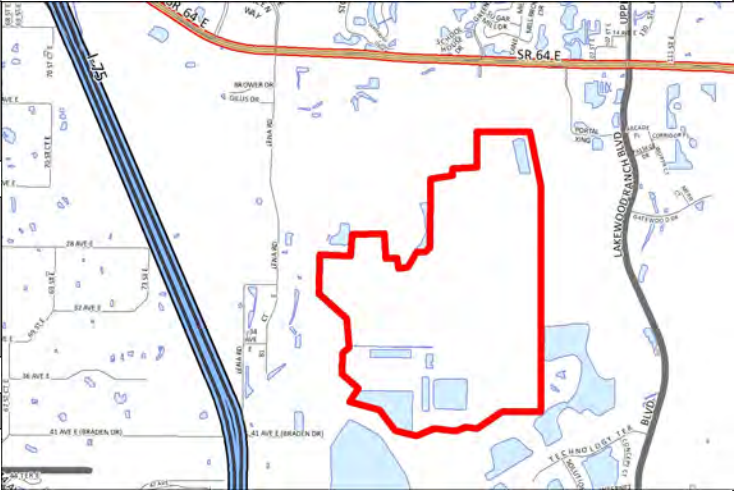
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		North Water Reclamation Facility Headworks Second Grit Removal System						
Wastewater Growth Related Booster Stations			WW01245								
Status: Existing Initial Year: 2018 District 1 Location: 8500 69th Street East, Palmetto											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope						Project Map					
Add second grit removal unit, grit pumps, slurry cup, and grit snail to match existing equipment. Provide all gates, liners, and piping needed to complete second independent system and install all electrical panels and SCADA connections to match first system. Provide additional mechanical slide gates to isolate north and south flow. Rationale Second grit removal system needed to comply with Class 1 Reliability and System Redundancy standards. The second system will facilitate repairs and preventive maintenance of each system, and will eliminate time when the facility is without grit removal capabilities. Slide gates are needed for continued operations during maintenance shutdown. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	07/31/18	0	0	0	160,000	0	0	0	0	160,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/18	12/31/19	0	0	0	0	1,560,000	0	0	0	1,560,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	8,000	312,000	0	0	0	320,000
Totals:			0	0	0	168,000	1,872,000	0	0	0	2,040,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,040,000
					Total Funding:						2,040,000

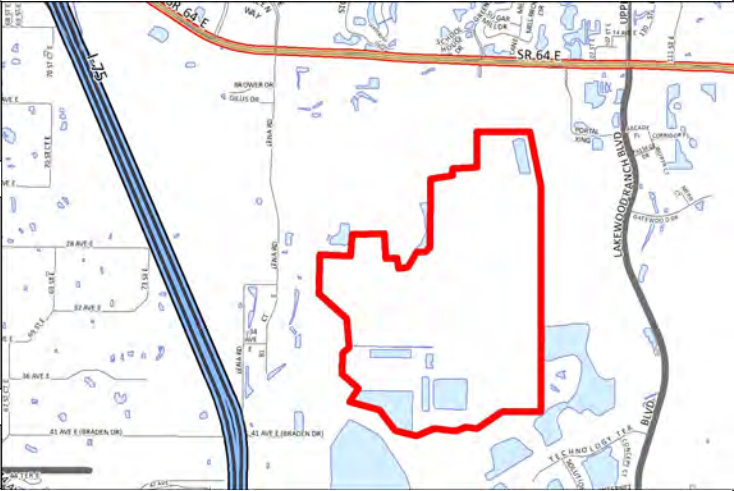
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		SR70 @ I-75 Interchange Wastewater Main & Facility Relocations						
Wastewater Growth Related Booster Stations			6053681								
Status: Existing Initial Year: 2016 District 5 Location: SR70 @ I-75 Interchange, Bradenton											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
CIE Project: Yes LOS/Concurrency: Yes Plan Reference:											
Project Need: Growth											
Scope						Project Map					
Relocate existing wastewater mains and facilities along SR70 at the I-75 interchange. Add 12" water main at Ranch Lake Boulevard for future looping of water main to improve distribution system and bypass existing private water main system. Relocations include the addition of protective concrete pads over mains, addition of split steel casings around water transmission mains, and relocation and/or extensions of water lines to right-of-way lines for future extensions.											
Rationale											
Utility relocations are part of the FDOT SR70 - I-75 Interchange Improvement project.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	04/18/16	12/31/21	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/20	12/31/22	0	92,000	0	0	0	674,448	0	0	766,448
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/18/16	12/31/22	0	0	0	0	0	0	0	0	0
Totals:			0	92,000	0	0	0	674,448	0	0	766,448
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						92,000
					Rates						674,448
					Total Funding:						766,448

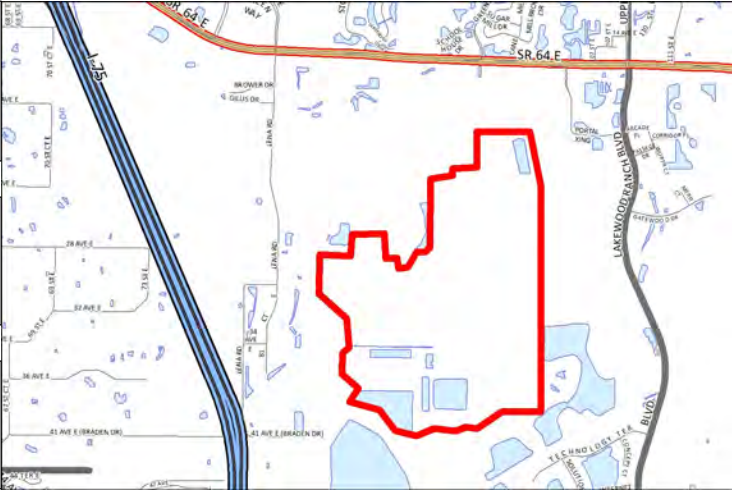
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Southeast Water Reclamation Facility Dedicated Plant Drain Station						
Wastewater Growth Related Booster Stations			WW01248								
Status: Existing Initial Year: 2018 District 5 Location: 3331 Lena Road, Bradenton											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope						Project Map					
Construct dedicated plant drain station for receiving cooling water from dryer facility and route water to plant headworks or EQ tank. Connect south plant drain station with north plant drain station by gravity and upgrade south plant drain station with higher capacity pumps. Install necessary SCADA connections and programming. Rationale Peak flows would be balanced, and added capability of processing water for entire plant if pumping capabilities are lost at one station. Funding Strategy Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	06/30/18	0	0	0	179,000	0	0	0	0	179,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/18	12/31/19	0	0	0	0	1,033,000	0	0	0	1,033,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	8,950	206,600	0	0	0	215,550
Totals:			0	0	0	187,950	1,239,600	0	0	0	1,427,550
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						1,427,550
					Total Funding:						1,427,550

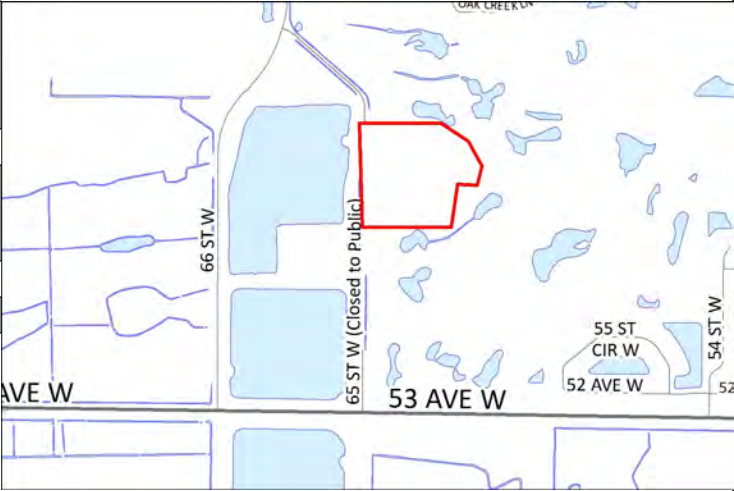
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Return Activated Sludge & Waste Activated Sludge System Upgrade									
Wastewater Growth Related Booster Stations	WW01249										
Status: Existing Initial Year: 2018 District 5 Location: 3331 Lena Road, Bradenton											
Comprehensive Plan Information				Project Mgr: Jeff Streitmatter							
CIE Project: No		LOS/Concurrency: No		Plan Reference:							
				Project Need: Growth							
Scope			Project Map								
Replace three return activated sludge pumps, motors, and variable frequency drives, replace all piping, valves, and add piping interconnections with plant water system to provide capability to flush all three pumps with reclaim water. Construct scum removal system to remove solid debris. Remove sludge ejectors, compressors, pneumatic controls and piping and replace with slide gates equipped with electric actuators at the mixed liquor splitterbox; all to comply with SCADA work. Rationale System piping, valves, pumps and motors have deteriorated over time and are in need of replacement. Replacement will ensure a reliable system for wasting and returning the process stream. Scum removal system is necessary to eliminate floatable objects which could impact pump operations, sludge holding tanks, and sludge dryer operations. Funding Strategy Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	291,000	0	0	0	0	291,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	1,938,000	0	0	0	1,938,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	15,000	387,600	0	0	0	402,600
Totals:			0	0	0	306,000	2,325,600	0	0	0	2,631,600
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						2,631,600
					Total Funding:						2,631,600

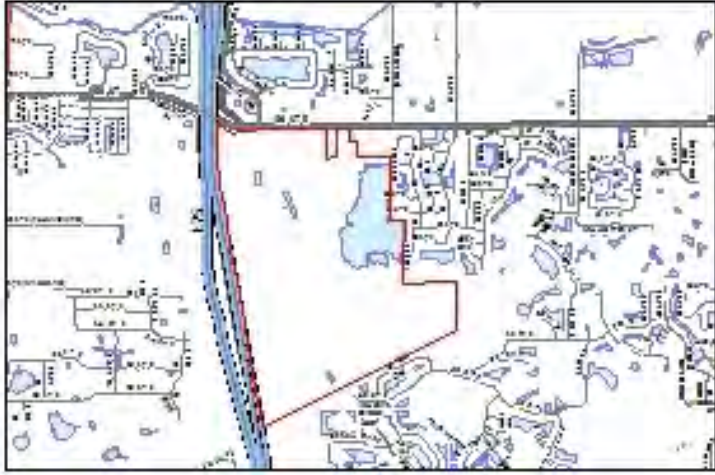
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Southeast Water Reclamation Facility Storage Lakes & Pump Back Station Improvements						
Wastewater Growth Related Booster Stations			WW01250								
Status: Existing Initial Year: 2018 District 5 Location: 3331 Lena Road, Bradenton											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
CIE Project: Yes LOS/Concurrency: Yes Plan Reference:						Project Need: Growth					
Scope						Project Map					
Reduce slope on the east and south lake II to 3:1 where necessary. Cut back berm overgrowth on all storage lakes, provide erosion control at existing pump stations and install pump stations outside of berms. Increase pump back capacity on each lake to 15 mgd. Install new energy dissipating inlets on both lakes, and install outfall structures. Install solar bees for lake recirculation and algae control. Included with this project would be all necessary electrical and SCADA work. Rationale Increase output capacity in moving water from storage lakes to keep up with growing reclaim demand. Removing land area between the east lake sections increases lake storage capacity. On previous FDEP reports it has been noted about our responsibility in preventing the berms from overgrowth of Brazilian pepper trees. Funding Strategy Debt Proceeds Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/16/14	09/30/17	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/19	0	0	0	6,920,000	0	0	0	0	6,920,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/16/14	12/31/19	0	0	0	692,000	0	0	0	0	692,000
Totals:			0	0	0	7,612,000	0	0	0	0	7,612,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						3,806,000
					Rates						3,806,000
					Total Funding:						7,612,000

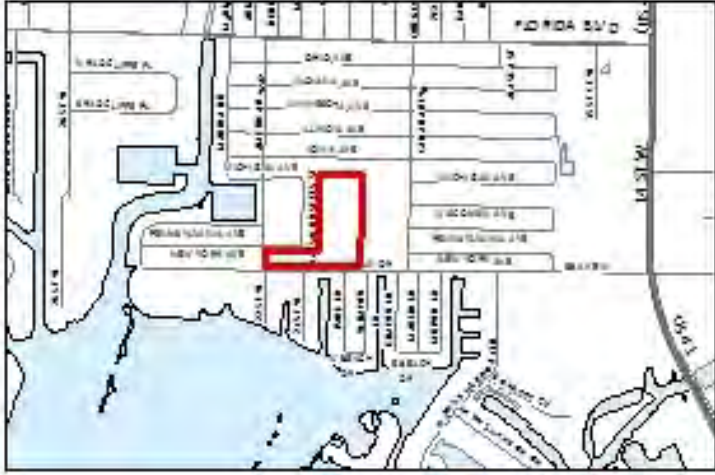
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Southwest Water Reclamation Facility Bleach Tank Roofover						
Wastewater Growth Related Booster Stations			WW01256								
Status: Existing Initial Year: 2018 District 3 Location: 5101 65th Street West, Bradenton											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope						Project Map					
Build a structure that will cover five bleach (sodium hypochlorite) storage tanks to limit exposure to sunlight and weather. Also includes installation of spill/tank containment a safety eyewash/shower (with flow alarm to SCADA), hose bibs, lighting and other necessary appurtenances. SCADA programming for monitoring and control shall be included. Rationale UV light/sunlight degrades bleach, which degrades disinfection capabilities. It also degrades tank materials, which can cause leaks. Additionally, containment needs to be added to minimize operational risk with the Modified Ludzack-Ettinger (MLE) process change. Funding Strategy Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	07/31/19	0	0	0	0	97,000	0	0	0	97,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/19	06/30/20	0	0	0	0	625,000	0	0	0	625,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	06/30/20	0	0	0	0	130,000	0	0	0	130,000
Totals:			0	0	0	0	852,000	0	0	0	852,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						852,000
					Total Funding:						852,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Trevesta Subdivision Phase I - Sewer Line Installation						
Wastewater Growth Related Booster Stations			6087680								
Status: Existing Initial Year: 2016 District 1 Location: 5215 69th St. East, Palmetto											
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Growth						
Scope					Project Map						
Developer to install approximately 7,900 linear feet of 12" PVC force main and approximately 625 linear feet of 14" HDPE directional bore force main.											
Rationale											
Developer desires to connect to the county's wastewater system. Manatee County has agreed to reimburse developer on Utility Participation Agreement from January 2016.											
Funding Strategy											
Facility Investment Fees - Sewer											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/16	12/31/17	0	475,000	0	0	0	0	0	0	475,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/01/16	12/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	475,000	0	0	0	0	0	0	475,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						475,000
					Total Funding:						475,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	12A Motor Control Center Rehabilitation																																																																																															
Wastewater Restore/Rehab	WW01365																																																																																																
Status: Existing Initial Year: 2020 District 4 Location: 2007 Bay Drive, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Replace existing motor control center (MCC) and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other components to current electrical standards. Improve electrical area to air conditioned space and configuration will include arc flash electrical safety standards, and will be OSHA and NFPA-70E compliant. Project Map 																																																																																																	
Rationale The motor control center needs to be upgraded and brought to proper National Electrical Code standards and upgraded to proper safety codes. Many of the electrical components are obsolete and no longer serviceable. There are several components no longer in use and have become obsolete.																																																																																																	
Funding Strategy Utility Rates																																																																																																	
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Construction:	03/15/20	12/31/20	0	0	0	0	0	485,000	0	0	485,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	102,000	0	0	102,000																																																																																						
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Wastewater	Project#	13A Motor Control Center Rehabilitation																																																																																															
Wastewater Restore/Rehab	WW01366																																																																																																
Status: Existing Initial Year: 2020 District 4 Location: 112 63rd Avenue East, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Remove existing motor control center and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other electrical components to current electrical standards. Rationale The motor control center needs to be upgraded and brought to proper National Electrical Code standards and upgraded to proper safety codes. Many of the electrical components are obsolete and no longer serviceable. Funding Strategy Utility Rates Project Map																																																																																																	
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Design:	10/01/19	03/01/20	0	0	0	0	0	15,000	0	0	15,000																																																																																						
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Construction:	03/15/20	12/31/20	0	0	0	0	0	300,000	0	0	300,000																																																																																						
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Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	60,000	0	0	60,000																																																																																						
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No. of Positions:	0	0	0	0																																																																																													

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Wastewater	Project#	13A Wet Well Rehabilitation																																																																																															
Wastewater Restore/Rehab	WW01367																																																																																																
Status: Existing Initial Year: 2020 District 4 Location: 112 63rd Ave E., Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Remove existing fiberglass liner, make repairs to concrete structure where applicable, apply new fiberglass liner, repair or replace fiberglass platform/grating/stairs/handrail where necessary, replace stop gate channels and inspect aluminum stop gates, install new LED lighting system, inspect muffin monster for wear and determine replacement need, and install new flow meter and upgrade bypass piping. Rationale Due to the heavily corrosive atmosphere, the existing fiberglass liner is beginning to delaminate from the concrete structure, allowing hydrogen sulfide to deteriorate the concrete behind it. Extensive damage to concrete can cause the structure to become unsafe. The stop gate channels are becoming inoperable and need to be replaced to allow for the isolation of the flow channels. The lighting system is subpar and needs to be upgraded to make the area safer. Funding Strategy Utility Rates Project Map																																																																																																	
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Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	92,000	0	0	92,000																																																																																						
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Wastewater	Project#	1M Motor Control Center Rehabilitation																																																																																															
Wastewater Restore/Rehab	WW01364																																																																																																
Status: Existing Initial Year: 2020 District 3 Location: 8720 44th Avenue West, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/19	03/01/20	0	0	0	0	0	15,000	0	0	15,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	03/15/20	12/31/20	0	0	0	0	0	300,000	0	0	300,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	60,000	0	0	60,000																																																																																						
Totals:			0	0	0	0	0	375,000	0	0	375,000																																																																																						
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Personal:					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Means of Financing</th> </tr> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: center;">Amount</th> </tr> </thead> <tbody> <tr> <td>Rates</td> <td style="text-align: center;">375,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: center;">375,000</td> </tr> </tbody> </table>	Means of Financing		Funding Sources	Amount	Rates	375,000	Total Funding:	375,000																																																																																				
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Non-Personal:																																																																																																	
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No. of Positions:	0	0	0	0																																																																																													

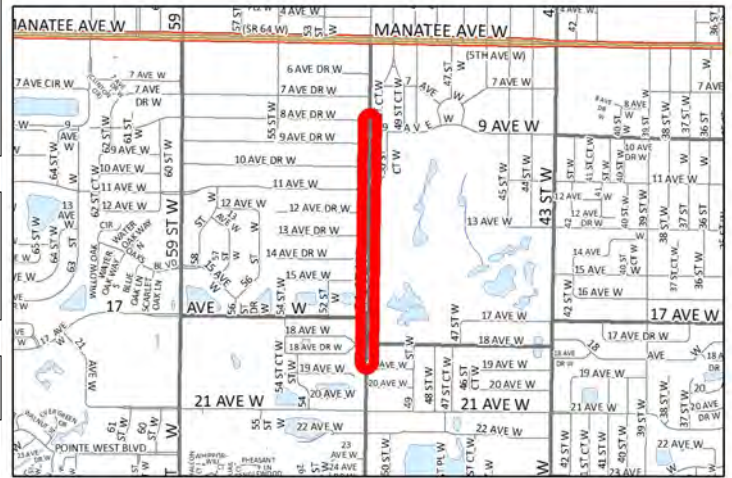
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	27A Motor Control Center Rehabilitation									
Wastewater Restore/Rehab	WW01368										
Status: Existing Initial Year: 2019 District 4 Location: 2484 53rd Ave W., Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace existing motor control center and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other electrical components to current electrical standards. Improve electrical area to air conditioned space, and configuration will include arc flash electrical safety improvements for OHSA and NFPA-70E compliance.											
Rationale											
The motor control center needs to be upgraded and brought to proper National Electrical Code standards and upgraded to proper safety codes. Many of the electrical components are obsolete and no longer serviceable.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	03/01/19	0	0	0	0	100,000	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/15/19	12/31/19	0	0	0	0	485,000	0	0	0	485,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/19	0	0	0	0	102,000	0	0	0	102,000
Totals:			0	0	0	0	687,000	0	0	0	687,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						687,000
					Total Funding:						687,000

Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		39A Motor Control Center Rehabilitation					
Wastewater Restore/Rehab			WW01369							
Status: Existing Initial Year: 2019 District 4 Location: 5621 39th Street East, Bradenton										
Comprehensive Plan Information						Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:						Project Need: Maintenance				
Scope						Project Map				
Replace existing motor control center and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other electrical components to current electrical standards. New design and electrical system configuration will include arc flash electrical safety improvements for OSHA and NFPA-70E compliance.										

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	51st Street Gravity Main Sewer Replacement									
Wastewater Restore/Rehab	6035782										
Status: Existing Initial Year: 2014 District 3 Location: 51st Street - 8th Avenue, Bradenton											
Comprehensive Plan Information		Project Mgr:									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope											
Replace approximately 3,300 linear feet of existing 30 inch gravity force main with 30 inch poly vinyl chloride (PVC) pipe. Replace 11 manhole locations along the route from 8th Avenue to Master Lift Station 1D, including reconnecting all laterals and associated appurtenances within the collection system. Remove out-of-service pipe and restore area including new asphalt pavement along 51st Street.											
Rationale											
Replacement is required due to recurring maintenance issues with the 30 inch ductile iron pipe (DIP) gravity main. The main is very deep and the latest emergency repairs caused sink holes. The line was assessed by in-house staff while exposed and it was determined the gravity main was corroded beyond repair.											
Funding Strategy											
Utility Rates											
 Project Map The map shows the project location along 51st Street, highlighted in red. The map includes surrounding streets such as Manatee Ave W, 7 Ave W, 8 Ave W, 9 Ave W, 10 Ave W, 11 Ave W, 12 Ave W, 13 Ave W, 14 Ave W, 15 Ave W, 16 Ave W, 17 Ave W, 18 Ave W, 19 Ave W, 20 Ave W, 21 Ave W, 22 Ave W, 23 Ave W, 24 Ave W, 25 Ave W, 26 Ave W, 27 Ave W, 28 Ave W, 29 Ave W, 30 Ave W, 31 Ave W, 32 Ave W, 33 Ave W, 34 Ave W, 35 Ave W, 36 Ave W, 37 Ave W, 38 Ave W, 39 Ave W, 40 Ave W, 41 Ave W, 42 Ave W, 43 Ave W, 44 Ave W, 45 Ave W, 46 Ave W, 47 Ave W, 48 Ave W, 49 Ave W, 50 Ave W, 51 Ave W, 52 Ave W, 53 Ave W, 54 Ave W, 55 Ave W, 56 Ave W, 57 Ave W, 58 Ave W, 59 Ave W, 60 Ave W, 61 Ave W, 62 Ave W, 63 Ave W, 64 Ave W, 65 Ave W, 66 Ave W, 67 Ave W, 68 Ave W, 69 Ave W, 70 Ave W, 71 Ave W, 72 Ave W, 73 Ave W, 74 Ave W, 75 Ave W, 76 Ave W, 77 Ave W, 78 Ave W, 79 Ave W, 80 Ave W, 81 Ave W, 82 Ave W, 83 Ave W, 84 Ave W, 85 Ave W, 86 Ave W, 87 Ave W, 88 Ave W, 89 Ave W, 90 Ave W, 91 Ave W, 92 Ave W, 93 Ave W, 94 Ave W, 95 Ave W, 96 Ave W, 97 Ave W, 98 Ave W, 99 Ave W, 100 Ave W.											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	12/31/14	47,810	170,000	0	0	0	0	0	0	170,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	02/01/16	12/31/16	1,619,843	3,202,000	0	0	0	0	0	0	3,202,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	138,638	0	0	0	0	0	0	0	0
Totals:			1,806,291	3,372,000	0	0	0	0	0	0	3,372,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						3,372,000
					Total Funding:						3,372,000

Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Colony Cove 1 Phase III Gravity Sewer Replacement/Rehab						
Wastewater Restore/Rehab			6005684								
Status: Existing Initial Year: 2016 District 1 Location: Colony Cove, Ellenton											
Comprehensive Plan Information					Project Mgr: Mike Sturm						
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance						
Scope					Project Map						
Evaluate, design and rehab/replace sanitary gravity sewer system within Phase III of Colony Cove 1 subdivision. Rehab/replace approximately 1,050 linear feet of 8" gravity sewer main, over 30 manholes and about 20 lateral services. Project will also assess and replace as needed sewer connection point services, and over 20 manholes will be rehabbed and sewer main to be relocated from rear to front of properties.											
Rationale											
System is aging and experiencing a high infiltration rate. Additional concerns for potential spills and location adjacent to waterway. After reviewing the location of this infrastructure, it was determined that for constructability purposes and environment impact, the sewer main will be relocated to the street.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	06/01/16	12/31/18	0	0	80,000	0	0	0	0	0	80,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/16	12/31/18	0	20,000	0	809,000	0	0	0	0	829,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/01/16	12/31/18	168	0	4,000	162,000	0	0	0	0	166,000
Totals:			168	20,000	84,000	971,000	0	0	0	0	1,075,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021	Means of Financing						
Personal:					Funding Sources				Amount		
Non-Personal:					All Prior Funding				20,000		
Operating Capital:					Rates				1,055,000		
Operating Total:					Total Funding:				1,075,000		
No.of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Colony Cove 1 and 2 - Gravity Sewer Rehabilitation
Wastewater Restore/Rehab	6005680	
Status: Existing Initial Year: 2011 District 1 Location: US 301 & Colony Cove Drive, Ellenton		
Comprehensive Plan Information		Project Mgr: Mike Sturm
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

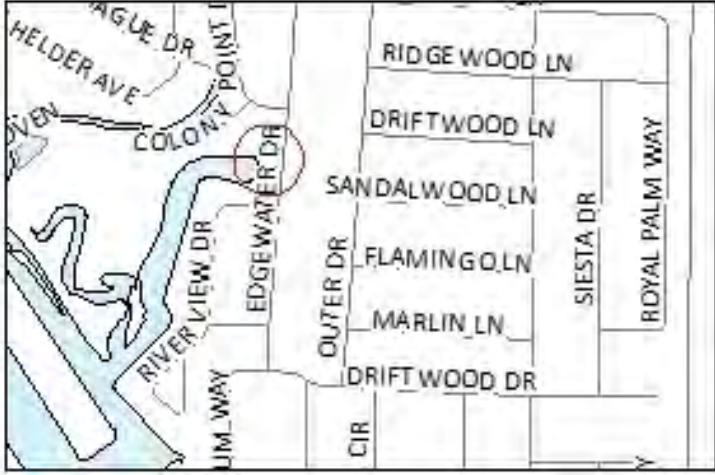
Scope	Project Map
Repair and replacement of problem areas and deficiencies.	
Rationale	
These lines were installed in the 1960's and are no longer adequate to manage the flow, creating backups. Manholes are located under trailers which impedes equipment access for repairs.	
Funding Strategy	
Debt Proceeds Utility Rates	

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			16,860	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/16	03/31/17	366,772	1,893,780	0	0	0	0	0	0	1,893,780
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	03/31/17	53,331	125,535	0	0	0	0	0	0	125,535
Totals:			436,963	2,019,315	0	0	0	0	0	0	2,019,315

<u>Operating Budget Impacts</u>					<u>Means of Financing</u>	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	2,019,315
Non-Personal:					Total Funding:	2,019,315
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Colony Cove 2 - Sanitary Sewer Replacement/Rehab
Wastewater Restore/Rehab	6005683	
Status: Existing Initial Year: 2016 District 1 Location: Colony Cove, Ellenton		
Comprehensive Plan Information		Project Mgr: Mike Sturm
CIE Project: No LOS/Concurrency: No Plan Reference:		
Project Need: Maintenance		

Scope	Project Map
Evaluate, design, and replace/rehab sanitary gravity sewer system within Phase II of the Colony Cove subdivision. Approximately 3,875 linear feet of 8" gravity main, over 55 manholes and 70 lateral services will be replaced or rehabbed. Will also assess and repair as needed for sewer connection point services.	
Rationale	
System is aging and experiencing a high infiltration rate in areas. Additional concerns for potential spills and location adjacent to waterway.	
Funding Strategy	
Utility Rates	

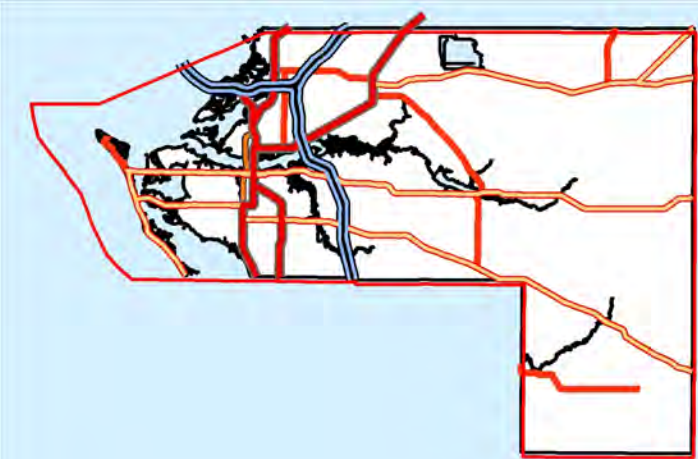
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	06/06/16	01/06/17	0	0	100,000	0	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	20,000	0	1,200,000	0	0	0	0	1,220,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/06/16	12/31/18	5,274	0	6,000	240,000	0	0	0	0	246,000
Totals:			5,274	20,000	106,000	1,440,000	0	0	0	0	1,566,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	20,000
Non-Personal:					Rates	1,546,000
Operating Capital:					Total Funding:	1,566,000
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	End of Service Life Collection Line Replacement									
Wastewater Restore/Rehab	WW01259										
Status: Existing Initial Year: 2017 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Countywide collection line replacements as determined by evaluations, testing, and emerging situations.											
Rationale											
Collection line replacement necessary to maintain operable utility system.											
Funding Strategy											
Debt Proceeds Utility Rates											
Schedule of Activities											
Activity	From	To	Expend to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/21	0	0	2,500,000	3,000,000	3,500,000	4,000,000	4,500,000	0	17,500,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/21	0	0	0	0	0	0	0	0	0
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	09/30/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	2,500,000	3,000,000	3,500,000	4,000,000	4,500,000	0	17,500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						3,000,000
					Rates						14,500,000
					Total Funding:						17,500,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	End of Service Life Lift Stations Replacement & Generators									
Wastewater Restore/Rehab	WW01258										
Status: Existing Initial Year: 2019 Countywide Location: Countywide											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance							
Scope		Project Map									
Countywide lift station replacement and generator replacement as determined by evaluations, testing, and emerging situations.											
Rationale											
Lift station replacement and generators necessary to maintain operable utility system.											
Funding Strategy											
Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/21	0	0	0	0	1,500,000	1,500,000	1,500,000	0	4,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	1,500,000	1,500,000	1,500,000	0	4,500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						4,500,000
					Total Funding:						4,500,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Force Main 1/1C/Imperial House Replacement						
Wastewater Restore/Rehab			6028389								
Status: Existing Initial Year: 2017 District 3 Location: Gulf Drive - 9th Street - Anna Maria Island											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance		
Scope						Project Map					
Replace approximately 400 linear feet of 4" force main piping, approximately 2,400 linear feet of 6" force main piping and approximately 550 linear feet of 8" force main piping for Force Mains 1, 1C, and Imperial House Force Mains.											
Rationale											
These force mains are being scheduled for replacement due to age assessment and condition risk with respect to related maintenance issues and criticality of location on Anna Maria Island.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	35,000	0	0	0	0	0	35,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	325,000	0	0	0	0	325,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	0	0	18,000	65,000	0	0	0	0	83,000
Totals:			0	0	53,000	390,000	0	0	0	0	443,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						443,000
					Total Funding:						443,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 11 Replacement - 52nd Street									
Wastewater Restore/Rehab	6022489										
Status: Existing Initial Year: 2017 District 3 Location: Anna Maria Island											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope											
Replace approximately 3,500 linear feet of 12" force main and 800 linear feet of 10" force main.											
Rationale											
Force Main 11 piping was installed in 1976 and has been recommended for replacement due to age assessment and condition risk with respect to its location on Anna Maria Island.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	100,000	0	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/20	0	0	0	850,000	0	0	0	0	850,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/20	0	0	5,000	170,000	0	0	0	0	175,000
Totals:			0	0	105,000	1,020,000	0	0	0	0	1,125,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,125,000
					Total Funding:						1,125,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 11 Replacement - 56th Street & Holmes Road
Wastewater Restore/Rehab	WW01359	
Status: Existing Initial Year: 2018 District 3 Location: Anna Maria Island		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Replace approximately 4,000 linear feet of 16" force main and approximately 1,100 linear feet of 8" force main piping.	
Rationale	
This force main is being scheduled for replacement due to age assessment and condition risk with respect to location on Anna Maria Island.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	140,000	0	0	0	0	140,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	1,250,000	0	0	0	1,250,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	7,000	250,000	0	0	0	257,000
Totals:			0	0	0	147,000	1,500,000	0	0	0	1,647,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0	Rates	1,647,000
					Total Funding:	1,647,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 12A Rehabilitation									
Wastewater Restore/Rehab	6028386										
Status: Existing Initial Year: 2014 District 4 Location: 2007 Bay Drive - 34th St - 60th Ave W, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replacement of approximately 10,300 linear feet of 20 inch ductile iron pipe to 24 inch high density polyethylene force main.											
Rationale											
Replacement is needed due to the advanced age of this force main. The force main is corroded and has previously blown out at the joint. This force main, located by Sarasota Bay, does not have a large holding capacity and does not have valves to stop the flow in an emergency.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	10/31/16	90,502	315,000	0	0	0	0	0	0	315,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/18	0	4,500,000	0	0	0	0	0	0	4,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/18	4,076	0	0	0	0	0	0	0	0
Totals:			94,577	4,815,000	0	0	0	0	0	0	4,815,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						4,815,000
					Total Funding:						4,815,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 13A Rehabilitation																																																																																															
Wastewater Restore/Rehab	6049181																																																																																																
Status: Existing Initial Year: 2014 District 4 Location: 112 63rd Ave East - 34th St - 60th Ave W., Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope																																																																																																	
Replacement of approximately 13,000 linear feet of 24 inch ductile iron pipe force main with 27 inch and 36 inch high-density polyethylene (HDPE) force main.																																																																																																	
Rationale																																																																																																	
Replacement is needed due to the advanced age of this force main which has had several leaks over the years and could potentially have additional breaks in the future.																																																																																																	
Funding Strategy																																																																																																	
Utility Rates																																																																																																	
Project Map																																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td>10/01/14</td> <td>03/31/16</td> <td align="right">0</td> <td align="right">35,688</td> <td align="right">604,000</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">639,688</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> </tr> <tr> <td>Construction:</td> <td>05/01/16</td> <td>07/31/17</td> <td align="right">474,028</td> <td align="right">6,301,011</td> <td align="right">621,000</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">6,922,011</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/14</td> <td>07/31/17</td> <td align="right">14,700</td> <td align="right">0</td> <td align="right">350,000</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">350,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td align="right">488,728</td> <td align="right">6,336,699</td> <td align="right">1,575,000</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">0</td> <td align="right">7,911,699</td> </tr> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/14	03/31/16	0	35,688	604,000	0	0	0	0	0	639,688	Land:			0	0	0	0	0	0	0	0	0	Construction:	05/01/16	07/31/17	474,028	6,301,011	621,000	0	0	0	0	0	6,922,011	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/14	07/31/17	14,700	0	350,000	0	0	0	0	0	350,000	Totals:			488,728	6,336,699	1,575,000	0	0	0	0	0	7,911,699
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/14	03/31/16	0	35,688	604,000	0	0	0	0	0	639,688																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	05/01/16	07/31/17	474,028	6,301,011	621,000	0	0	0	0	0	6,922,011																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/14	07/31/17	14,700	0	350,000	0	0	0	0	0	350,000																																																																																						
Totals:			488,728	6,336,699	1,575,000	0	0	0	0	0	7,911,699																																																																																						
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	FY2018	FY2019	FY2020	FY2021																																																																																													
Personal:																																																																																																	
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													
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					<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Funding Sources</th> <th>Amount</th> </tr> <tr> <td>All Prior Funding</td> <td align="right">6,336,699</td> </tr> <tr> <td>Rates</td> <td align="right">1,075,000</td> </tr> <tr> <td>Total Funding:</td> <td align="right">7,411,699</td> </tr> </table>	Funding Sources	Amount	All Prior Funding	6,336,699	Rates	1,075,000	Total Funding:	7,411,699																																																																																				
Funding Sources	Amount																																																																																																
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Rates	1,075,000																																																																																																
Total Funding:	7,411,699																																																																																																

Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Force Main 17A Replacement				
Wastewater Restore/Rehab			6028385						
Status: Existing Initial Year: 2015 District 4 Location: 63rd Avenue West to 14th Street West, Bradenton									
Comprehensive Plan Information					Project Mgr: William Lorenzo				
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance				
Scope					Project Map				
Replacement of approximately 3,500 linear feet of 4 inch ductile iron pipe.									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 18M Rehabilitation		
Wastewater Restore/Rehab	6083780			
Status: Existing Initial Year: 2013 District 3 Location: 6020 45th Avenue Drive West, Bradenton				
Comprehensive Plan Information			Project Mgr: Taha Ataya	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Replacement of approximately 3,000 linear feet of 6 inch ductile iron pipe force main with 8-inch high-density polyethylene (HDPE) force main.	
Rationale	
Replacement is needed due to the advanced age of this force main which is corroded and has blown out. The force main valves are in unsafe working condition and this force main ties into Master Lift Station 1M. This could potentially create a large problem in the event of a break.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	07/31/15	44,903	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/16	11/30/17	1,180	750,000	0	0	0	0	0	0	750,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	11/30/17	25,304	0	0	0	0	0	0	0	0
Totals:			71,387	750,000	0	0	0	0	0	0	750,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	750,000
Non-Personal:					Total Funding:	750,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 1D Rehabilitation
Wastewater Restore/Rehab	6035781	
Status: Existing Initial Year: 2014 District 3 Location: 1806 51st Street West, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope

Replacement of up to 12,000 linear feet of 20 inch ductile iron pipe force main with 24 inch and 27 inch high density polyethylene (HDPE) force main.

Project Map



Rationale

This force main, with limited working valves, has begun to experience issues relating to heavy gas problems typical of aging force mains. Replacement will avoid potential breaks, spills and high maintenance related costs.

Funding Strategy

Debt Proceeds
Utility Rates

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/13	02/28/16	351,383	470,000	0	0	0	0	0	0	470,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/16	12/31/17	135	5,350,000	0	0	0	0	0	0	5,350,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/17	16,138	0	0	0	0	0	0	0	0
Totals:			367,656	5,820,000	0	0	0	0	0	0	5,820,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	5,820,000
Total Funding:	5,820,000

Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Force Main 1M Rehabilitation						
Wastewater Restore/Rehab			6085780								
Status: Existing Initial Year: 2014 District 3 Location: 8720 44th Ave W., Bradenton											
Comprehensive Plan Information							Project Mgr: Tony Russo				
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Maintenance				
Scope							Project Map				
Replacement of approximately 8,700 linear feet of 24 inch and 3,200 linear feet of 30 inch ductile iron pipe force main with 27 inch and 36 inch high density polyethylene (HDPE) force main.											

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 23A Replacement									
Wastewater Restore/Rehab	6022488										
Status: Existing Initial Year: 2015 District 4 Location: 14th Street to 55th Avenue West, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace approximately 900 linear feet of 6 inch and 400 linear feet of 8 inch ductile iron pipe.											
Rationale											
This system was installed in 1987, crosses 14th Street, and has corroded.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	06/30/15	32,013	55,000	0	0	0	0	0	0	55,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/16	03/31/17	178	348,000	0	0	0	0	0	0	348,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	03/31/17	1,390	0	0	0	0	0	0	0	0
Totals:			33,580	403,000	0	0	0	0	0	0	403,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						403,000
					Total Funding:						403,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

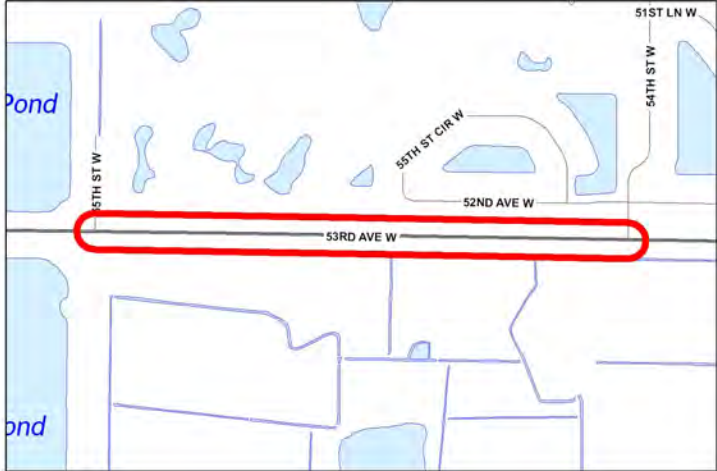
Wastewater	Project#	Force Main 27A Rehabilitation
Wastewater Restore/Rehab	6023180	
Status: Existing Initial Year: 2014 District 4 Location: 24th St W - 34th St W - 53rd Ave W., Bradenton		
Comprehensive Plan Information		Project Mgr: Mike Sturm
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Replacement of approximately 3,200 linear feet of 20 inch ductile iron pipe force main with 24 inch high-density polyethylene (HDPE) force main.	
Rationale	
Replacement is due to the advanced age of this force main which was installed around 1975. Issues related to heavy gas problems have been experienced in this line. To avoid potential force main breaks, spills and high maintenance-related costs, replacement is necessary.	
Funding Strategy	

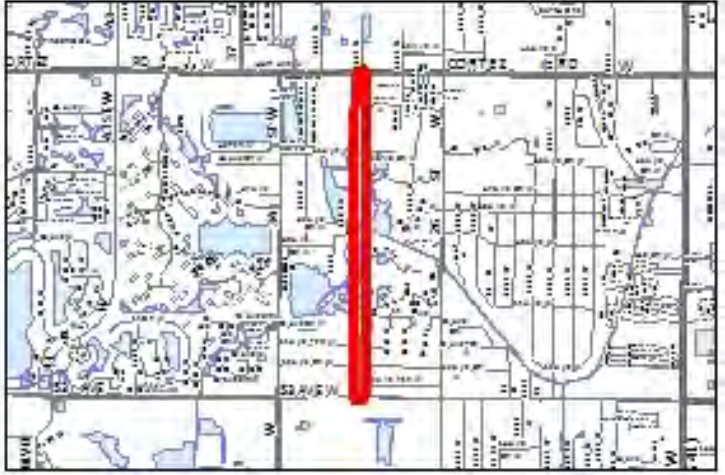
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	03/31/16	18,843	340,000	0	0	0	0	0	0	340,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/16	04/30/17	250	1,700,000	0	0	0	0	0	0	1,700,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	04/30/17	23,391	0	0	0	0	0	0	0	0
Totals:			42,484	2,040,000	0	0	0	0	0	0	2,040,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	2,040,000
Non-Personal:					Total Funding:	2,040,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Force Main 27A from 51st Street West to the Southwest Water Reclamation Facility						
Wastewater Restore/Rehab			6082980								
Status: Existing Initial Year: 2012 District 3 Location: 51st Street West, Bradenton											
Comprehensive Plan Information										Project Mgr: Anthony Benitez	
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace approximately 6,000 linear feet of existing 30 inch force main with 42 inch force main.											
Rationale											
This force main has experienced line breaks, is aging and has capacity-related issues as per the June 2006 McKim and Creed analysis.											
Funding Strategy											
Facility Investment Fees Utility Rates											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/12	06/30/14	30,428	94,000	0	0	0	0	0	0	94,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	09/30/17	2,288,879	6,250,000	0	0	0	0	0	0	6,250,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	09/30/17	80,332	6,000	0	0	0	0	0	0	6,000
Totals:			2,399,639	6,350,000	0	0	0	0	0	0	6,350,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						6,350,000
					Total Funding:						6,350,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		Force Main 30A Replacement						
Wastewater Restore/Rehab			6028387								
Status: Existing Initial Year: 2017 District 4 Location: 30th Street West, Bradenton											
Comprehensive Plan Information						Project Mgr: Jeff Streitmatter					
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Maintenance				
Scope						Project Map					
Replace approximately 2,400 linear feet of 8" force main piping.											
Rationale											
This force main is being scheduled for replacement due to age assessment and condition risk with respect to related maintenance issues and criticality.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	35,000	0	0	0	0	0	35,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	320,000	0	0	0	0	320,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	0	0	1,800	64,000	0	0	0	0	65,800
Totals:			0	0	36,800	384,000	0	0	0	0	420,800
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						420,800
					Total Funding:						420,800

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 31A Replacement
Wastewater Restore/Rehab	6052181	
Status: Existing Initial Year: 2014 District 4 Location: 47th Avenue Drive West - 26th Street W., Bradenton		
Comprehensive Plan Information		Project Mgr: Sherri Robinson
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Replace up to 2,750 linear feet of 14 inch ductile iron pipe.	
Rationale	
This system has corroded and blown out.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	09/30/15	17,563	105,000	0	0	0	0	0	0	105,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/16	03/31/17	158	1,045,000	0	0	0	0	0	0	1,045,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	03/31/17	14,292	0	0	0	0	0	0	0	0
Totals:			32,012	1,150,000	0	0	0	0	0	0	1,150,000

Operating Budget Impacts

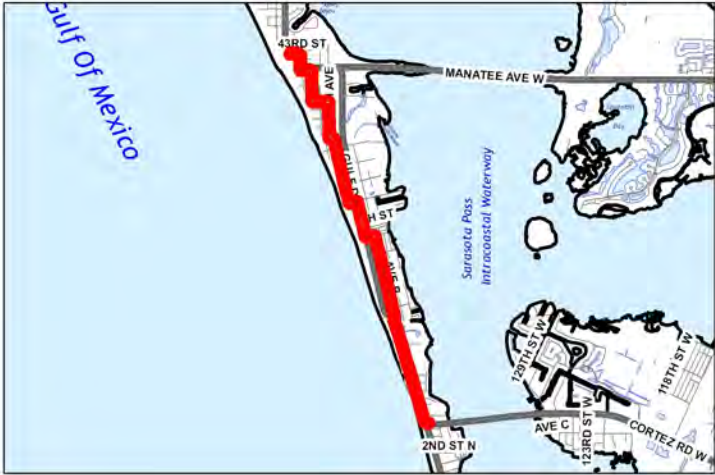
	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	1,150,000
Total Funding:	1,150,000

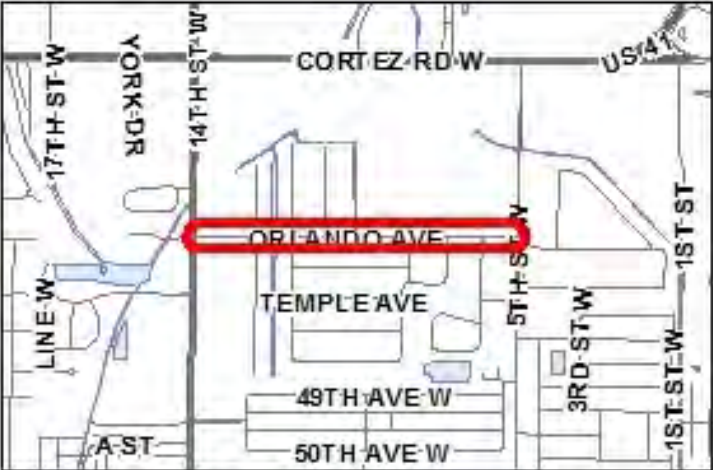
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main 33A Replacement									
Wastewater Restore/Rehab	WW01360										
Status: Existing Initial Year: 2019 District 4 Location: 26th Street West, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope											
Replace approximately 2,900 linear feet of 14" force main piping.											
Rationale											
This force main is being scheduled for replacement due to age assessment and condition risk with respect to approximate location to the Bay.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	100,000	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/20	0	0	0	0	900,000	0	0	0	900,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/20	0	0	0	0	5,000	180,000	0	0	185,000
Totals:			0	0	0	0	105,000	1,080,000	0	0	1,185,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,185,000
					Total Funding:						1,185,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project# 6041585	Force Main 5 Rehabilitation (Anna Maria Island)									
Wastewater Restore/Rehab											
Status: Existing Initial Year: 2014 District 3 Location: 4300 Gulf Drive to Gulf Drive & Cortez Road											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replacement of approximately 12,000 linear feet of 20 inch ductile iron pipe with high-density polyethylene (HDPE) force main.											
Rationale											
This line was originally installed around 1976. Replacement is needed due to the advanced age of this force main to prevent breaks, spills and increased maintenance costs.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	12/31/16	440,875	42,173	750,000	0	0	0	0	0	792,173
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/17	12/31/18	0	4,961,827	754,000	0	0	0	0	0	5,715,827
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/18	12,872	0	826,000	0	0	0	0	0	826,000
Totals:			453,747	5,004,000	2,330,000	0	0	0	0	0	7,334,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						5,004,000
					Rates						2,330,000
					Total Funding:						7,334,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Force Main Orlando Avenue Replacement									
Wastewater Restore/Rehab	WW01362										
Status: Existing Initial Year: 2020 District 4 Location: Orlando Avenue, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace approximately 2,300 linear feet of 10" and 6" force main piping, and approximately 200 linear feet of 3" force main piping.											
Rationale											
This force main is being scheduled for replacement due to age assessment and condition risk with respect to related maintenance issues and criticality.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	60,000	0	0	60,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	500,000	0	500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	3,000	10,000	0	13,000
Totals:			0	0	0	0	0	63,000	510,000	0	573,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						573,000
					Total Funding:						573,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 12A Emergency Generator Replacement									
Wastewater Restore/Rehab	6022384										
Status: Existing Initial Year: 2015 District 3 Location: 2007 Bay Drive, Bradenton											
Comprehensive Plan Information			Project Mgr: William Lorenzo								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance							
Scope		Project Map									
Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure.											
Rationale											
Increase generator capacity, current generator is unable to run three pumps during power loss. Removing generator from the building will reduce excessive heat buildup.											
Funding Strategy											
Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	07/01/15	07/31/16	42,097	50,000	0	0	0	0	0	0	50,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/17	0	457,750	0	0	0	0	0	0	457,750
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/15	12/31/17	1,558	0	0	0	0	0	0	0	0
Totals:			43,656	507,750	0	0	0	0	0	0	507,750
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						507,750
					Total Funding:						507,750

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 12A Pumps & Variable Frequency Drive Replacement									
Wastewater Restore/Rehab	WW01226										
Status: Existing Initial Year: 2020 District 4 Location: 2007 Bay Drive, Bradenton											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance							
Scope		Project Map									
Remove and replace existing pumps and variable frequency drives, and install new flow meter.											
Rationale											
Current equipment reaching predicted life span. Replacement equipment will provide more accurate flow rates.											
Funding Strategy											
Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	12/01/19	0	0	0	0	0	20,000	0	0	20,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/20	12/31/20	0	0	0	0	0	400,000	0	0	400,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	80,000	0	0	80,000
Totals:			0	0	0	0	0	500,000	0	0	500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						500,000
					Total Funding:						500,000

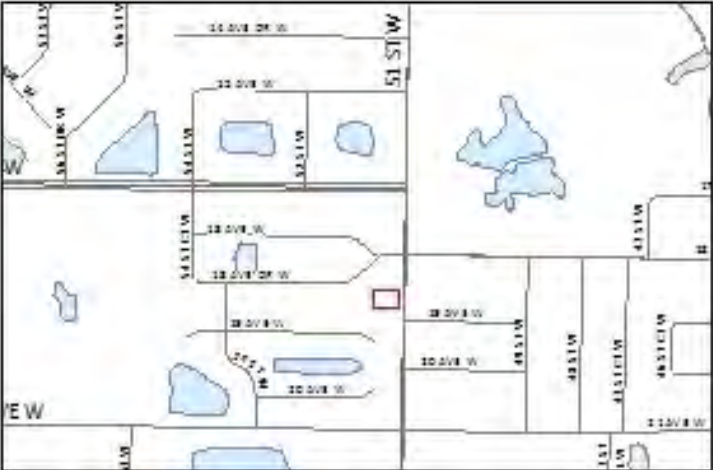
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS 12A Wet Well Rehab & Dimminutor Replacement						
Wastewater Restore/Rehab			6022287								
Status: Existing Initial Year: 2015 District 4 Location: 2007 Bay Drive, Bradenton											
Comprehensive Plan Information							Project Mgr: William Lorenzo				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
Remove existing fiberglass liner, repair concrete structure, apply new fiberglass liner, repair/replace fiberglass platform, grating, stairs, and handrails as necessary. Replace stop gates, dimminutor and flow meter, and install new LED lighting system.											
Rationale											
With replacement of gates, flow channels can be isolated. LED lighting will provide additional safety, and dimminutor has reached its expected life span.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	07/31/15	0	47,250	0	0	0	0	0	0	47,250
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/16	05/31/17	57	801,000	0	0	0	0	0	0	801,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	05/31/17	7,197	0	0	0	0	0	0	0	0
Totals:			7,254	848,250	0	0	0	0	0	0	848,250
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						848,250
					Total Funding:						848,250

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS 13A Emergency Generator Replacement												
Wastewater Restore/Rehab			6022382														
Status: Existing Initial Year: 2015 District 5 Location: 112 63rd Avenue East, Bradenton																	
Comprehensive Plan Information							Project Mgr: William Lorenzo										
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance								
Scope						Project Map											
Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure.																	
												Rationale					
												Increase generator capacity, current generator is unable to run three pumps during power loss. Removing generator from the building will reduce excessive heat buildup.					
Funding Strategy																	
Utility Rates																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date						
Design:	10/01/14	06/30/15	40,670	81,500	0	0	0	0	0	0	81,500						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	03/01/16	03/31/17	29	890,675	0	0	0	0	0	0	890,675						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/14	03/31/17	1,405	0	0	0	0	0	0	0	0						
Totals:			42,104	972,175	0	0	0	0	0	0	972,175						
Operating Budget Impacts																	
	FY2018	FY2019	FY2020	FY2021													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					All Prior Funding						972,175						
					Total Funding:						972,175						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 1D Electrical Rehab																																																																																															
Wastewater Restore/Rehab	WW01412																																																																																																
Status: Requested Initial Year: 2021 District 3 Location: 18th Ave - 51st St., Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope		Project Map																																																																																															
Upgrade existing service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade equipment to bring all electrical components to current standards, and air condition electrical space. New design and electrical system configuration will include arc flash electrical safety improvements for OSHA and NFPA-70E compliance.																																																																																																	
Rationale																																																																																																	
Main breaker needs to be upgraded and brought to code. Many components are obsolete and no longer serviceable.																																																																																																	
Funding Strategy																																																																																																	
Utility Rates																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/20</td> <td>12/31/21</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">60,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">60,000</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Construction:</td> <td>10/01/20</td> <td>12/31/21</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">270,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">270,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/20</td> <td>12/31/21</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">57,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">57,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">387,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">387,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/20	12/31/21	0	0	0	0	0	0	60,000	0	60,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/20	12/31/21	0	0	0	0	0	0	270,000	0	270,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/20	12/31/21	0	0	0	0	0	0	57,000	0	57,000	Totals:			0	0	0	0	0	0	387,000	0	387,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/20	12/31/21	0	0	0	0	0	0	60,000	0	60,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	270,000	0	270,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/20	12/31/21	0	0	0	0	0	0	57,000	0	57,000																																																																																						
Totals:			0	0	0	0	0	0	387,000	0	387,000																																																																																						
Operating Budget Impacts																																																																																																	
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Personal:					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: center;">Amount</th> </tr> </thead> <tbody> <tr> <td>Rates</td> <td style="text-align: center;">387,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: center;">387,000</td> </tr> </tbody> </table>		Funding Sources	Amount	Rates	387,000	Total Funding:	387,000																																																																																					
Funding Sources	Amount																																																																																																
Rates	387,000																																																																																																
Total Funding:	387,000																																																																																																
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 1D Wet Well Rehab & Dimminutor Replacement		
Wastewater Restore/Rehab	6060789			
Status: Existing Initial Year: 2016 District 3 Location: 1806 51st Street West, Bradenton				
Comprehensive Plan Information			Project Mgr: Sherri Robinson	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Remove existing fiberglass liner, repair concrete structure, apply new fiberglass liner, repair/replace platform, grating, stairs, and handrails as necessary. Replace fiberglass stop gates and dimminutor and install new LED lighting system.	
Rationale	
With replacement of gates, flow channels can be isolated. LED lighting will provide additional safety, and dimminutor has reached its expected life span.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	12/31/16	0	47,250	0	0	0	0	0	0	47,250
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/17	12/31/17	0	841,000	0	0	0	0	0	0	841,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	2,676	0	0	0	0	0	0	0	0
Totals:			2,676	888,250	0	0	0	0	0	0	888,250

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	888,250
Non-Personal:					Total Funding:	888,250
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 1M Emergency Generator Replacement		
Wastewater Restore/Rehab	6022383			
Status: Existing Initial Year: 2015 District 3 Location: 8720 44th Avenue West, Bradenton				
Comprehensive Plan Information			Project Mgr: William Lorenzo	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure.	
Rationale	
Increase generator capacity, current generator is unable to run three pumps during power loss. Removing generator from the building will reduce excessive heat buildup.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	01/31/16	38,157	86,750	0	0	0	0	0	0	86,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/16	06/30/17	22	541,000	0	0	0	0	0	0	541,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/30/17	1,337	0	0	0	0	0	0	0	0
Totals:			39,516	627,750	0	0	0	0	0	0	627,750

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	627,750
Non-Personal:					Total Funding:	627,750
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS 27A Emergency Generator Replacement						
Wastewater Restore/Rehab			6022289								
Status: Existing Initial Year: 2015 District 4 Location: 2484 53rd Avenue West, Bradenton											
Comprehensive Plan Information							Project Mgr: William Lorenzo				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope						Project Map					
Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure. Rationale Increase generator capacity, current generator is unable to run three pumps during power loss. Removing generator from the building will reduce excessive heat buildup. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	06/30/15	38,194	36,750	0	0	0	0	0	0	36,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/16	03/31/17	0	641,000	0	0	0	0	0	0	641,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	03/31/17	1,394	0	0	0	0	0	0	0	0
Totals:			39,588	677,750	0	0	0	0	0	0	677,750
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						677,750
					Total Funding:						677,750

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 27A Pumps and Variable Frequency Drive Replacement		
Wastewater Restore/Rehab	WW01232			
Status: Existing Initial Year: 2019 District 4 Location: 2484 53rd Avenue West, Bradenton				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Remove and replace existing pumps and variable frequency drives.	
Rationale	
Current equipment reaching end of predicted life span are in need of replacement. Pumps are showing signs of wear and aging due to the corrosive atmosphere.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	03/31/19	0	0	0	0	20,000	0	0	0	20,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/19	12/31/19	0	0	0	0	400,000	0	0	0	400,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	0	80,000	0	0	0	80,000
Totals:			0	0	0	0	500,000	0	0	0	500,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					Rates	500,000
Non-Personal:					Total Funding:	500,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS 39A Emergency Generator Replacement						
Wastewater Restore/Rehab			WW01233								
Status: Existing Initial Year: 2019 District 4 Location: 5621 39th Street East, Bradenton											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance		
Scope						Project Map					
Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure and replace the automatic transfer switch.											
Rationale											
Current generator is reaching life expectancy, and replacement is needed to prevent downtime due to catastrophic failure. Portable emergency generators would not be able to power all three pumps in this lift station, which could cause a sanitary sewage overflow. The generator also needs to be moved outside to reduce excessive heat in the building where electronics and control equipment are located.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	06/30/19	0	0	0	0	35,000	0	0	0	35,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/19	07/31/20	0	0	0	0	350,000	0	0	0	350,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	07/31/20	0	0	0	0	72,000	0	0	0	72,000
Totals:			0	0	0	0	457,000	0	0	0	457,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						457,000
					Total Funding:						457,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 39A Pumps & Variable Frequency Drive Replacement									
Wastewater Restore/Rehab	6017982										
Status: Existing Initial Year: 2015 District 4 Location: 5621 39th Street East, Bradenton											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance							
Scope		Project Map									
Remove and replace existing pumps and variable frequency drives, and install new flow meter.											
Rationale											
Current equipment reaching predicted life span of 10 years - installed in 2005. Replacement equipment will provide more accurate flow rates.											
Funding Strategy											
Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	12/31/17	27,976	47,250	0	0	0	0	0	0	47,250
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/17	03/31/18	0	541,000	612,000	0	0	0	0	0	1,153,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	03/31/18	1,469	0	90,000	0	0	0	0	0	90,000
Totals:			29,445	588,250	702,000	0	0	0	0	0	1,290,250
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						588,250
					Rates						702,000
					Total Funding:						1,290,250

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS 5 Electrical Improvements									
Wastewater Restore/Rehab	WW01413										
Status: Requested Initial Year: 2021 District 3 Location: 4300 Gulf Drive, Holmes Beach											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Upgrade existing service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade equipment to bring all electrical components to current standards, and air condition electrical space. New design and electrical system configuration will include arc flash electrical safety improvements for OSHA and NFPA-70E compliance.											
Rationale											
Main breaker needs to be upgraded and brought to code. Many components are obsolete and no longer serviceable.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/20	03/31/21	0	0	0	0	0	0	60,000	0	60,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/21	12/31/21	0	0	0	0	0	0	270,000	0	270,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/20	12/31/21	0	0	0	0	0	0	57,000	0	57,000
Totals:			0	0	0	0	0	0	387,000	0	387,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						387,000
					Total Funding:						387,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS 5 Wet Well Rehabilitation											
Wastewater Restore/Rehab			6060786													
Status: Existing Initial Year: 2016 District 3 Location: 4300 Gulf Drive, Holmes Beach																
Comprehensive Plan Information						Project Mgr: Sherri Robinson										
CIE Project: No			LOS/Concurrency: No			Plan Reference:		Project Need: Maintenance								
Scope						Project Map										
Remove existing fiberglass liner, repair concrete structure, apply new fiberglass liner, repair/replace fiberglass platform, grating, stairs, and handrails as necessary. Replace fiberglass stop gates, diminutor and flow meter, and install new LED lighting system.																
											Rationale					
											With replacement of gates, flow channels can be isolated. LED lighting will provide additional safety, and diminutor has reached its expected life span.					
Funding Strategy																
Utility Rates																
Schedule of Activities			Programmed Funding													
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date					
Design:	10/01/15	12/31/16	0	86,750	0	0	0	0	0	0	86,750					
Land:			0	0	0	0	0	0	0	0	0					
Construction:	01/01/17	12/31/17	0	421,000	208,000	0	0	0	0	0	629,000					
Equipment:			0	0	0	0	0	0	0	0	0					
Project Mgt.:	10/01/15	12/31/17	276	0	50,000	0	0	0	0	0	50,000					
Totals:			276	507,750	258,000	0	0	0	0	0	765,750					
Operating Budget Impacts																
	FY2018	FY2019	FY2020	FY2021												
Personal:																
Non-Personal:																
Operating Capital:																
Operating Total:																
No.of Positions:	0	0	0	0												
					Means of Financing											
					Funding Sources						Amount					
					All Prior Funding						507,750					
					Rates						258,000					
					Total Funding:						765,750					

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS Lakewood Ranch Emergency Generator Replacement									
Wastewater Restore/Rehab	WW01237										
Status: Existing Initial Year: 2019 District 5 Location: 11600 Clubhouse Drive, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope		Project Map									
Remove existing motor control center (MCC) and service entrance breaker, remove transformer, distribution center, lighting panel and equipment room lighting. Replace and upgrade generator to match recently replaced variable frequency drive and electrical improvements for energy efficiency and proper sizing. Electrical areas will be improved to air conditioned space, and the new design and configuration will include arc flash electrical safety improvements, which is OSHA and NFPA-70E compliant.											
Rationale											
The generator has reached the end of its useful life and needs to be replaced. The MCC needs to be upgraded and brought to National Electrical Code standards and safety codes. Many current electrical components are obsolete and no longer serviceable. Several components are no longer in use as other equipment has been upgraded during previous projects.											
Funding Strategy											
Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	06/30/19	0	0	0	0	90,000	0	0	0	90,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/19	07/31/20	0	0	0	0	585,000	0	0	0	585,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	07/31/20	0	0	0	0	120,000	0	0	0	120,000
Totals:			0	0	0	0	795,000	0	0	0	795,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						795,000
					Total Funding:						795,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

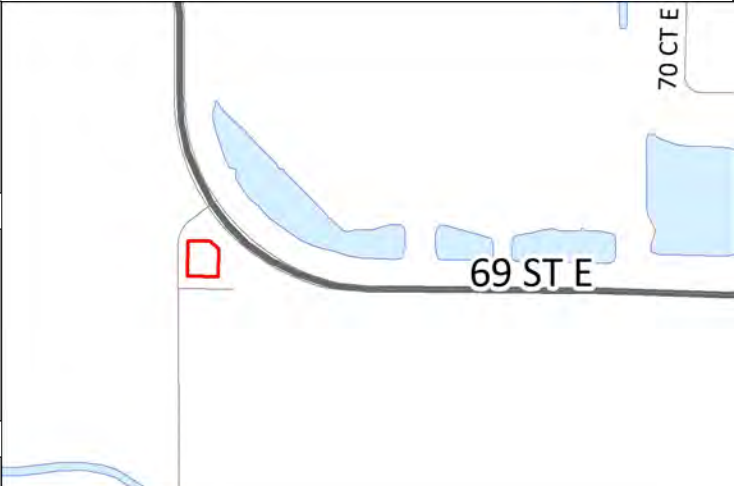
Wastewater	Project#	MLS Lakewood Ranch Wet Well Rehabilitation
Wastewater Restore/Rehab	WW01238	
Status: Existing Initial Year: 2019 District 5 Location: 11600 Clubhouse Drive, Bradenton		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Remove and replace existing fiberglass liner. Clean, prep and make necessary repairs to concrete structure before application of new liner system. Install new in-line grinder system and replace discharge piping, guide rails, pipe bracing, base ells, and/or mounting plates. Replace influent force man pipe restraints.	
Rationale	
Due to the heavily corrosive atmosphere, existing fiberglass liner is beginning to delaminate from the concrete structure, allowing hydrogen sulfide to deteriorate the concrete. Base elbows are worn and need to be replaced to prevent leaks or blow-by from causing additional damage. Pipe restraints are corroded and pipe needs to be replaced with current standard piping.	
Funding Strategy	
Utility Rates	

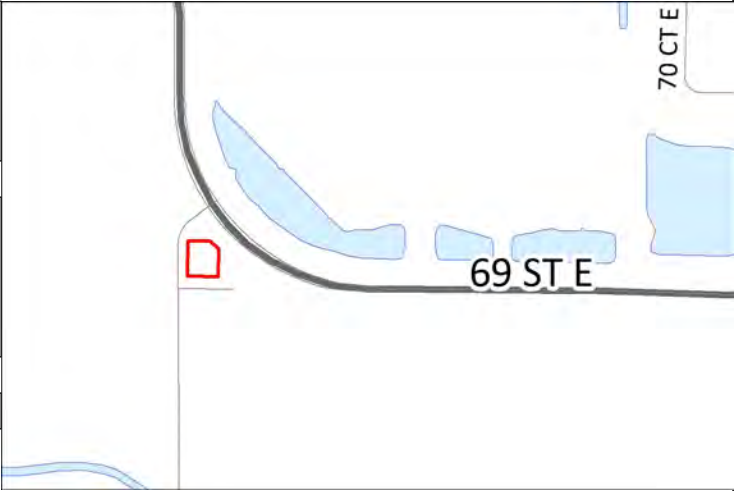
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	03/31/19	0	0	0	0	17,500	0	0	0	17,500
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/19	12/31/19	0	0	0	0	365,000	0	0	0	365,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/19	0	0	0	0	73,000	0	0	0	73,000
Totals:			0	0	0	0	455,500	0	0	0	455,500

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					Rates	455,500
Non-Personal:					Total Funding:	455,500
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS N1-B Dimminutor Replacement						
Wastewater Restore/Rehab			6022288								
Status: Existing Initial Year: 2015 District 1 Location: 2887 69th Street East, Palmetto											
Comprehensive Plan Information								Project Mgr: Sherri Robinson			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope						Project Map					
Remove and replace existing dimminutor with similarly designed channel waste shredder. Repair and modify channel to allow new waste shredder to function properly. Rehab wet well and lift station. Rationale Current shredder has reached life expectancy, new shredder prevents large debris items from clogging pumps and reduces pump cleaning. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	12/31/15	0	18,375	0	0	0	0	0	0	18,375
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/16	12/31/16	22	511,000	0	0	0	0	0	0	511,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	2,130	0	0	0	0	0	0	0	0
Totals:			2,152	529,375	0	0	0	0	0	0	529,375
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						529,375
					Total Funding:						529,375

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS N1-B Emergency Generator Replacement						
Wastewater Restore/Rehab			6060787								
Status: Existing Initial Year: 2016 District 1 Location: 2887 69th Street East, Palmetto											
Comprehensive Plan Information								Project Mgr: William Lorenzo			
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope						Project Map					
Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure. Rationale Increase generator capacity, current generator is unable to run three pumps during power loss. Removing generator from the building will reduce excessive heat buildup. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	06/30/16	26,116	86,750	0	0	0	0	0	0	86,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/16	07/31/17	0	421,000	200,000	0	0	0	0	0	621,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	07/31/17	1,022	0	30,250	0	0	0	0	0	30,250
Totals:			27,138	507,750	230,250	0	0	0	0	0	738,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						507,750
					Rates						230,250
					Total Funding:						738,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

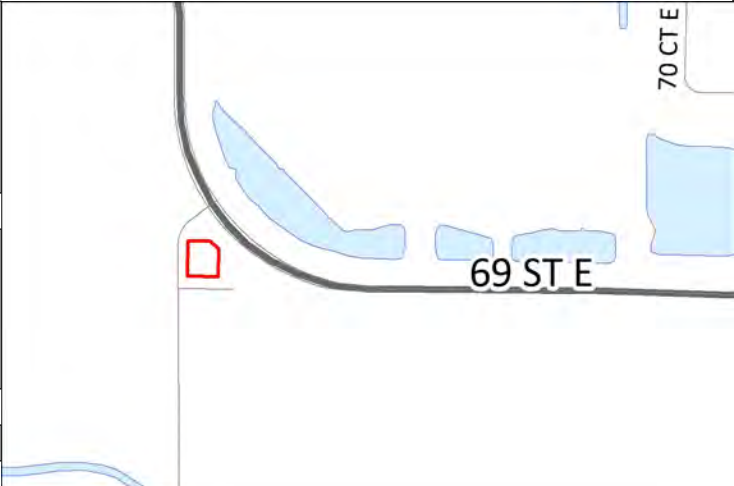
Wastewater	Project#	MLS N1-B Motor Control Center Rehab
Wastewater Restore/Rehab	WW01414	
Status: Requested Initial Year: 2021 District 1 Location: 2887 69th St E., Palmetto		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance		

Scope	Project Map
Replace existing motor control center (MCC) and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting and drywell lighting. Replace and upgrade all equipment as needed to bring all components to current electrical standards, and air condition the electrical space. New design and electrical system configuration will include arc flash electrical safety improvements for OSHA and NFPA-70E compliance.	
Rationale	
The motor control center needs to be upgraded and brought to proper safety code. Many components are obsolete and no longer serviceable.	
Funding Strategy	
Utility Rates	

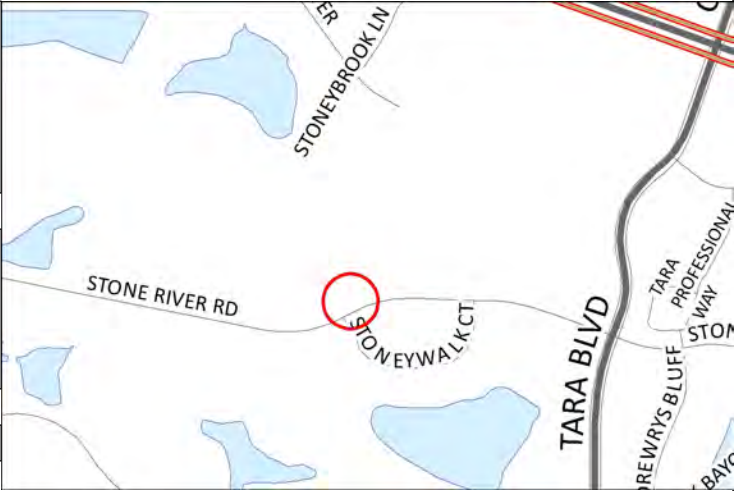
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/20	03/31/21	0	0	0	0	0	0	100,000	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/21	12/31/21	0	0	0	0	0	0	485,000	0	485,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/20	12/31/21	0	0	0	0	0	0	102,000	0	102,000
Totals:			0	0	0	0	0	0	687,000	0	687,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					Rates	687,000
Non-Personal:					Total Funding:	687,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS N1-B Pumps & Variable Frequency Drive Replacement						
Wastewater Restore/Rehab			WW01241								
Status: Existing Initial Year: 2021 District 1 Location: 2887 69th Street East, Palmetto											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope						Project Map					
Remove and replace existing pumps and variable frequency drives, and install new flow meter within the dry well of the master station. Rationale Current equipment reaching end of useful life. Replacement equipment will provide more accurate flow rates. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/20	03/31/21	0	0	0	0	0	0	20,000	0	20,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/21	12/31/21	0	0	0	0	0	0	400,000	0	400,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/21	0	0	0	0	0	0	80,000	0	80,000
Totals:			0	0	0	0	0	0	500,000	0	500,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						500,000
					Total Funding:						500,000

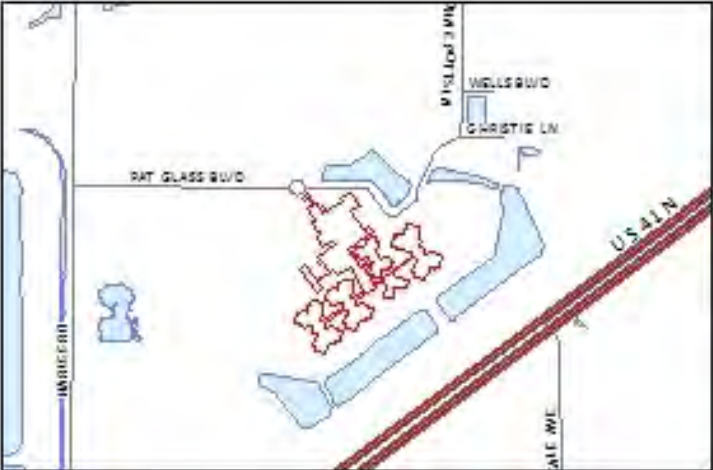
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		MLS Tara 20 Wet Well Rehabilitation						
Wastewater Restore/Rehab			6060788								
Status: Existing Initial Year: 2016 District 5 Location: 7211 Stone River Road, Bradenton											
Comprehensive Plan Information							Project Mgr: Sherri Robinson				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance		
Scope						Project Map					
Remove existing fiberglass liner, repair concrete structure, apply new fiberglass liner, repair/replace fiberglass platform, grating, stairs, and handrails as necessary. Replace fiberglass stop gates, diminutor and flow meter, and install new LED lighting system. Rationale With replacement of gates, flow channels can be isolated. LED lighting will provide additional safety, and diminutor has reached its expected life span. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	12/31/16	0	31,500	0	0	0	0	0	0	31,500
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/17	12/31/17	0	360,675	0	0	0	0	0	0	360,675
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/17	4,155	0	0	0	0	0	0	0	0
Totals:			4,155	392,175	0	0	0	0	0	0	392,175
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						392,175
					Total Funding:						392,175

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	MLS Tideview 4 Emergency Generator Replacement									
Wastewater Restore/Rehab	6060785										
Status: Existing Initial Year: 2016 District 1 Location: 1355 41st Avenue East, Palmetto											
Comprehensive Plan Information		Project Mgr: William Lorenzo									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope											
Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure.											
Rationale											
Increase generator capacity, current generator is unable to run three pumps during power loss. Removing generator from the building will reduce excessive heat buildup.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	06/30/16	26,562	86,750	0	0	0	0	0	0	86,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/16	07/31/17	0	421,000	125,000	0	0	0	0	0	546,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	07/31/17	940	0	125,000	0	0	0	0	0	125,000
Totals:			27,502	507,750	250,000	0	0	0	0	0	757,750
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					507,750						
					Rates						
					250,000						
					Total Funding:						
					757,750						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Sewer Screening System for Detention Center									
Wastewater Restore/Rehab	WW01411										
Status: Requested Initial Year: 2020 District 1 Location: 14470 Harlee Road, Palmetto											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Replace existing screening system at Manatee County Detention Center. Retrofit existing structure and replace existing bar screen with new screening system.											
Rationale											
Existing screen has issues handling debris coming from the Detention Center, particularly large objects such as clothing, bed sheets, shoes, and other objects that are being put in the collection system. These objects cause the clogging of the current screen, which causes bypassing of the screening system and does not permit the capture of these large objects. This causes issues with the lift station pumps and force main system.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	03/31/20	0	0	0	0	0	30,000	0	0	30,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/20	12/31/20	0	0	0	0	0	363,630	0	0	363,630
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	75,000	0	0	75,000
Totals:			0	0	0	0	0	468,630	0	0	468,630
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						468,630
					Total Funding:						468,630

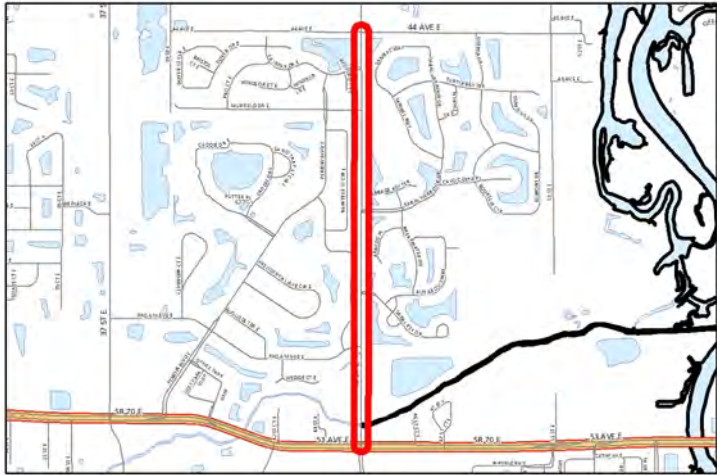
MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Tidevue Electrical Rehab									
Wastewater Restore/Rehab	WW01415										
Status: Requested Initial Year: 2021 District 1 Location: US301 - Ft. Hamer Road, Parrish											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Upgrade existing service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade equipment to bring all electrical components to current standards, and air condition electrical space. New design and electrical system configuration will include arc flash electrical safety improvements for OSHA and NFPA-70E compliance.											
Rationale											
Motor Control Center needs to be upgraded and brought to code. Many components are obsolete and no longer serviceable.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/20	03/31/21	0	0	0	0	0	0	60,000	0	60,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/21	12/31/21	0	0	0	0	0	0	290,000	0	290,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/20	12/31/21	0	0	0	0	0	0	61,000	0	61,000
Totals:			0	0	0	0	0	0	411,000	0	411,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						411,000
					Total Funding:						411,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Trailer Estates Restore & Rehab									
Wastewater Restore/Rehab	6018082										
Status: Requested Initial Year: 2017 District 4 Location: Canada Avenue, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Repair and replace infrastructure, including service lateral locations connecting to trailers. Service lateral and connection points are a potential groundwater access point. Inspection and design of the system is required to determine the best and most cost efficient method of rehab required. Project costs shall include evaluation of existing system.											
Rationale											
System is aging and experiencing a high infiltration rate in the area. Additionally, there are concerns for potential spills, sinkholes, line breaks, stoppages and locations adjacent to the waterway. After reviewing the location of this infrastructure, it was determined that the materials originally installed and quality of installation has created unfavorable maintenance conditions.											
Funding Strategy											
Utility Rates											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	12/31/17	0	0	50,000	0	0	0	0	0	50,000
Land:			0	0	0	0	0	0	0	0	0
Construction:			0	0	0	0	0	0	0	0	0
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/17	0	0	20,000	0	0	0	0	0	20,000
Totals:			0	0	70,000	0	0	0	0	0	70,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						70,000
					Total Funding:						70,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

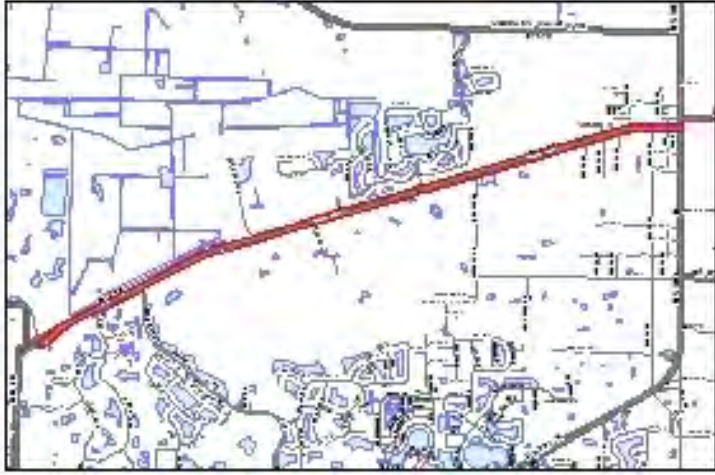
Wastewater			Project#		45th Street East - 44th Avenue East - SR 70 - Sewer						
Wastewater Transportation Related			6025682								
Status: Existing Initial Year: 2013 District 5 Location: 45th St E - 44th Ave E - SR 70, Bradenton											
Comprehensive Plan Information								Project Mgr: Taha Ataya			
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Relocation and upgrade of existing sewer lines as part of roadway enhancement project.											
Rationale											
Improve sewer line location and capacity.											
Funding Strategy											
Debt Facility Investment Fees - Sewer											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	08/31/14	26,191	150,000	0	0	0	0	0	0	150,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	11/01/15	06/30/18	822	553,576	0	0	0	0	0	0	553,576
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	06/30/18	1,212	0	0	0	0	0	0	0	0
Totals:			28,225	703,576	0	0	0	0	0	0	703,576
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources											Amount
All Prior Funding											703,576
Total Funding:											703,576

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		53rd Avenue West (43rd Street West - 75th Street West) Reclaimed Water						
Wastewater Transportation Related			6082990								
Status: Existing Initial Year: 2014 District 3 Location: 53rd Ave W (43rd St W - 75th St W), Bradenton											
Comprehensive Plan Information										Project Mgr: Anthony Benitez	
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance						
Scope					Project Map						
Replace approximately 1,300 linear feet of 24 inch ductile iron reclaim line pipe. Rationale Reclaimed waterline replacement part of traffic flow enhancement. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/12	06/30/14	884	0	0	0	0	0	0	0	0
Land:	04/01/12	12/31/13	0	0	0	0	0	0	0	0	0
Construction:	07/01/14	12/31/16	513,355	700,000	0	0	0	0	0	0	700,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	12/31/16	8,050	0	0	0	0	0	0	0	0
Totals:			522,289	700,000	0	0	0	0	0	0	700,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						700,000
					Total Funding:						700,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Erie Road North - US301 - Utility Relocations		
Wastewater Transportation Related	6082880			
Status: Existing Initial Year: 2014 District 1 Location: Erie Road North - US301, Parrish				
Comprehensive Plan Information			Project Mgr: Mike Sturm	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

<u>Scope</u>	<u>Project Map</u>
Relocate sewer lines and force main.	
<u>Rationale</u>	
Utility relocations due to the Erie Road Transportation Project.	
<u>Funding Strategy</u>	
Utility Rates	

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	12/31/16	0	0	26,000	0	0	0	0	0	26,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/16	0	0	300,000	0	0	0	0	0	300,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	0	326,000	0	0	0	0	0	326,000

<u>Operating Budget Impacts</u>					<u>Means of Financing</u>	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0	Rates	326,000
					Total Funding:	326,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Rye - SR 64 - Upper Manatee River Road - Sewer									
Wastewater Transportation Related	6086180										
Status: Existing Initial Year: 2015 District 1 Location: Rye Road-SR64-Upper Manatee River Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Replacement and upsizing of approximately 11,500 linear feet of 6" force main with 8" force main, and replacement and upsizing of approximately 2,000 linear feet of 8" force main with 18" force main.											
Rationale											
Replacement and upsizing necessary to accommodate area growth and to accommodate new 6" - 8" force main planned from the Water Treatment Plant.											
Funding Strategy											
Facility Investment Fees - Sewer											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	03/15/15	09/30/15	225,805	200,000	0	0	0	0	0	0	200,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/16	1,800	1,750,000	0	0	0	0	0	0	1,750,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/15/15	12/31/16	8,809	0	0	0	0	0	0	0	0
Totals:			236,414	1,950,000	0	0	0	0	0	0	1,950,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,950,000
					Total Funding:						1,950,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Transportation Related - Wastewater									
Wastewater Transportation Related	WW01372										
Status: Existing Initial Year: 2020 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Projects to be identified as associated with the Florida Department of Transportation (FDOT) road improvement efforts that involve the moving of utility infrastructure (sewer lines) that are in the FDOT right of way.											
Rationale											
Manatee County is required by state statute to relocate county-owned infrastructure in the FDOT right of way when necessary. FDOT projects are not scheduled in advance to allow for future CIP programming for specific projects.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/21	0	0	0	0	0	1,000,000	1,000,000	0	2,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	1,000,000	1,000,000	0	2,000,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,000,000
					Total Funding:						2,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		US301 - CR 675 - Moccasin Wallow Road - Sewer						
Wastewater Transportation Related			6085480								
Status: Existing Initial Year: 2011 District 1 Location: US 301 - CR 675 - Moccasin Wallow Road, Parrish											
Comprehensive Plan Information						Project Mgr: Anthony Benitez					
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Other Need											
Scope											
Relocation of existing sewer lines as part of an upgrade to the existing roadway to a four or six lane divided roadway with bike lanes, sidewalks and street lights.											
Rationale											
To relocate existing sewer lines as part of roadway enhancement project.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/10	06/30/12	0	9,975	0	0	0	0	0	0	9,975
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	12/31/16	12,637	27,000	0	0	0	0	0	0	27,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/16	13,656	0	0	0	0	0	0	0	0
Totals:			26,292	36,975	0	0	0	0	0	0	36,975
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						36,975
					Total Funding:						36,975

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Cortez Road DIW Booster Station									
Wastewater Treatment	WW01410										
Status: Requested Initial Year: 2020 District 3 Location: 11900 Cortez Rd. W., Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope											
Install booster station with redundant pumps to deliver maximum flow at maximum pressure. Booster station will be dedicated to the Cortez Road DIW in close proximity to the well head. Appurtenances will be included such as flow metering, pressure monitoring, and telemetry for SCADA control to be modified and augmented at the SWWRF. Well head shall be improved per SWWRF Recharge well design.											
Rationale											
Reclaimed water disposal may be increased in the rainy season, and maintenance events such as well acidation may be minimized. With more reliable reclaimed water disposal, may be able to dispose of less reclaimed water as it will be less risky to maintain higher inventories.											
Funding Strategy											
Utility Rates											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	300,000	0	0	300,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	2,100,000	0	2,100,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	15,000	420,000	0	435,000
Totals:			0	0	0	0	0	315,000	2,520,000	0	2,835,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,835,000
					Total Funding:						2,835,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Deep Injection Well Booster Station									
Wastewater Treatment	WW01222										
Status: Existing Initial Year: 2018 District 3 Location: 11900 Cortez Road West, Bradenton											
Comprehensive Plan Information				Project Mgr: Jeff Streitmatter							
CIE Project: No		LOS/Concurrency: No		Plan Reference:							
				Project Need: Maintenance							
Scope			Project Map								
Install booster station with redundant pumps to deliver maximum flow at maximum pressure as permitted. All appurtenances are to be included such as flow metering, pressure monitoring, SCADA telemetry/control, and surge valve control. Baffles or piping shall be added to stop lake water from short circuiting to the well. Remove old, unused gates and replace Chlorine Contact Chamber influent and effluent gates. Eliminate bypass channel and install pump system to drain Chlorine Contact Chambers for cleaning and maintenance. Inspect structures and walkways and repair as required. Build new Motor Control Center and Chlorine Contact Chamber mixing blower building close to the CCC/wetwell and demolish old buildings.											
Rationale											
Reclaimed water disposal may be increased in the rainy season. Maintenance events such as well acidation may be minimized. With more reliable reclaimed water disposal, may be able to dispose of less reclaimed water as it will be less risky to maintain higher inventories. Energy savings may occur due to not maintaining the whole reclaimed water system not being needed to a high pressure water disposal.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	705,000	0	0	0	0	705,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	4,683,000	0	0	0	4,683,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	35,250	468,300	0	0	0	503,550
Totals:			0	0	0	740,250	5,151,300	0	0	0	5,891,550
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						5,891,550
					Total Funding:						5,891,550

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Manatee Agricultural Reclaimed System Chlorination at Southwest Water Reclamation Facility		
Wastewater Treatment	6082190			
Status: Existing Initial Year: 2015 District 3 Location: 5101 65th Street West, Bradenton				
Comprehensive Plan Information			Project Mgr:	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Install a sodium hypochlorite storage and feed system to chlorinate water supplied from the existing 10 million gallon storage tanks to MARS. This should include storage tank with containment, feed pumps, chlorine residual monitoring and control, roof-over, truck unloading, eyewash and any other necessary appurtenances. The system is to operate automatically and be programmed in to SCADA.	
Rationale	
After the second reclaimed water storage tank is added all MARS water will flow through the storage tanks prior to entering the MARS system, allowing for possible chlorine dissipation. Chlorination is necessary to minimize biological growth in the MARS distribution system and prevent possible fouling and odor issues.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	04/30/15	77,348	84,000	0	0	0	0	0	0	84,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/16	12/31/16	317,730	681,000	0	0	0	0	0	0	681,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	24,054	0	0	0	0	0	0	0	0
Totals:			419,132	765,000	0	0	0	0	0	0	765,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	765,000
Non-Personal:					Total Funding:	765,000
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Manatee Agricultural Reuse Supply - Erie Road Main Tie-In									
Wastewater Treatment	6085590										
Status: Existing Initial Year: 2013 District 1 Location: Harrison Ranch Boulevard - US301, Parrish											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construct reclaim water line from Harrison Ranch Boulevard to Copperstone Phase 1 using approximately 7,800 linear feet of 16 inch ductile iron pipe.											
Rationale											
Install reclaimed water line to complete a major looped system for Erie Road and Copperstone. This project was originally planned further out, but will be constructed at the same time as the water line to be more cost effective.											
Funding Strategy											
Facility Investment Fees - Sewer											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	09/30/17	0	311,000	0	0	0	0	0	0	311,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/19	0	0	0	1,730,000	0	0	0	0	1,730,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/19	0	0	0	346,000	0	0	0	0	346,000
Totals:			0	311,000	0	2,076,000	0	0	0	0	2,387,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						311,000
					Facility Investment Fees						2,076,000
					Total Funding:						2,387,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Manatee Agricultural Reuse Supply - Management Improvements									
Wastewater Treatment	6082091										
Status: Existing Initial Year: 2014 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Installation of meters between services areas, control valves for remote operation and redirection of flow, adding telemetry and control at the water reclamation facilities and Manatee Agricultural Reuse Supply (MARS) pump stations. Develop a central Supervisory Control and Data Acquisition (SCADA) control network to operate MARS independent of plant operations.											
Rationale											
Currently, MARS system's master meters do not provide adequate detail for tracking flows within or between the service areas. This project will build on the existing MARS and SCADA systems to improve reporting of reclaimed water usage and will provide the county with the ability to remotely manage and monitor the reclaim water system independent of plant operations.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/13	03/31/15	455,667	407,500	0	0	0	0	0	0	407,500
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/15	03/31/17	490,064	4,482,500	0	0	0	0	0	0	4,482,500
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	03/31/17	36,681	0	0	0	0	0	0	0	0
Totals:			982,412	4,890,000	0	0	0	0	0	0	4,890,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						4,890,000
					Total Funding:						4,890,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Manatee Reclaimed System Booster Pump Stations
Wastewater Treatment	WW00968	
Status: Existing Initial Year: 2020 Countywide Location: Countywide		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		
Project Need: Maintenance		

Scope	Project Map
Install and replace pumps at the MRS booster pump stations per the most current MRS Master Plan. Currently, this consists of replacement of two pumps with larger size pumps, one larger pump at Rye Road Station, and the addition of one pump at 63rd Avenue Station. All appurtenances are to be included, such as new electrics, drives, flow metering, pressure monitoring, and telemetry for SCADA control. New isolation and check valves shall also be included on an as needed basis.	
Rationale	
Ensure levels of service are maintained with the growth of the system and to facilitate movement of water in the system to avoid discharge.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	670,000	0	0	670,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/20	03/31/22	0	0	0	0	0	0	4,466,000	0	4,466,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	03/31/22	0	0	0	0	0	33,500	446,600	0	480,100
Totals:			0	0	0	0	0	703,500	4,912,600	0	5,616,100

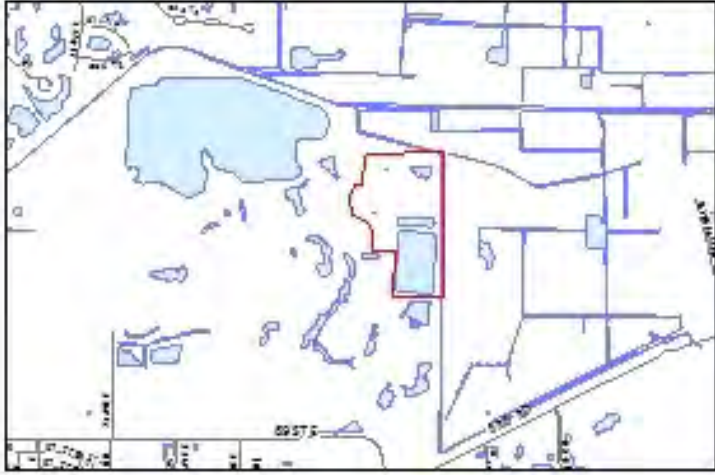
Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0	Rates	5,616,100
					Total Funding:	5,616,100

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Manatee Reclaimed System Reclaim Participation									
Wastewater Treatment	WW01373										
Status: Existing Initial Year: 2020 Countywide Location: Countywide											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Upsizing of reclaimed water transmission lines in various locations in response to developer construction occurring ahead of our master plan.											
Rationale											
Provides for significant cost savings for the county as private developers share in the cost of the infrastructure through a participation agreement.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/21	0	0	0	0	0	100,000	100,000	0	200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	100,000	100,000	200,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						200,000
					Total Funding:						200,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

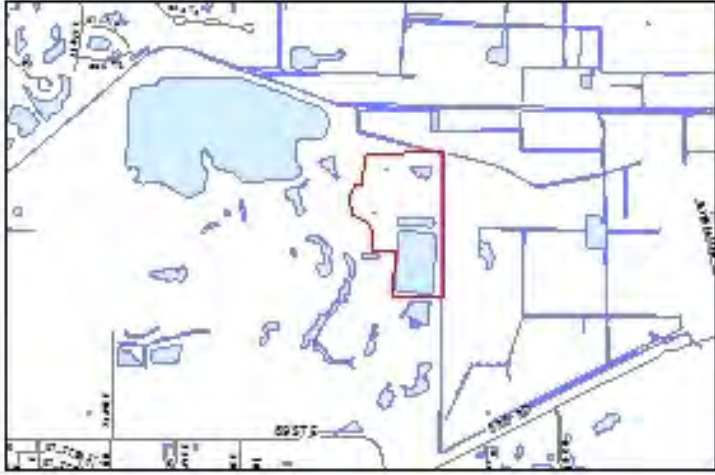
Wastewater	Project#	NWRF 10MG Reclaimed Water Storage Tank and High Service Pump Station		
Wastewater Treatment	WW01422			
Status: Requested Initial Year: 2021 District 1 Location: 8500 69th St. E., Palmetto				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Other Need

Scope	Project Map
Install new 10 MG reclaimed water storage tank with a high service pump station (HSPS) to feed the Manatee Reuse System (MRS) and plant reuse water from the new tank/pump station. Conversion of the existing effluent pump station to a low pressure transfer station to feed effluent to the storage lakes and new tanks. Project shall include necessary appurtenances, including valves, piping EI&C and SCADA programming modifications and additions. Demolition of old tank and grouting and/or removal of old piping also included.	
Rationale	
Existing 0.75 MG storage tank is in poor condition and the size is not adequate for the flows currently experienced and projected for the future in the North service area. The existing effluent pump station currently does not produce enough head at times to supply MRS adequately. The new tank and HSPS will allow for better supply of MRS, and provide a potential energy savings.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/20	09/30/21	0	0	0	0	0	0	748,000	0	748,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/21	12/31/22	0	0	0	0	0	0	0	9,340,000	9,340,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/20	12/31/22	0	0	0	0	0	0	37,500	934,000	971,500
Totals:			0	0	0	0	0	0	785,500	10,274,000	11,059,500

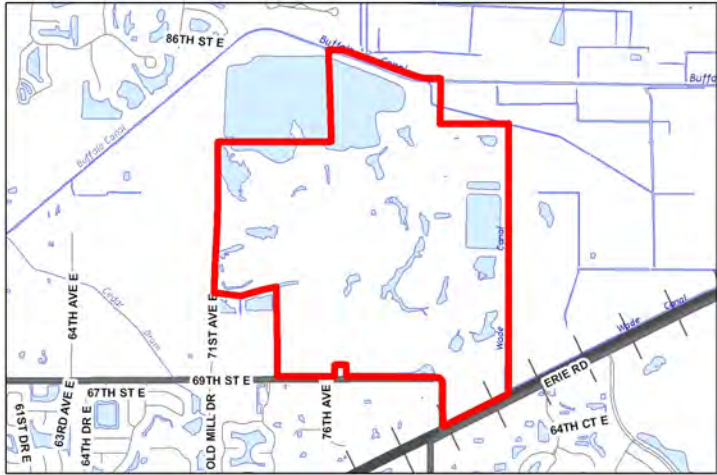
Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					Rates	11,059,500
Non-Personal:					Total Funding:	11,059,500
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	NWRF Reclaimed Water Storage Lake Improvements																																																																																															
Wastewater Treatment	WW01421																																																																																																
Status: Requested Initial Year: 2020 District 1 Location: 8500 69th St E., Palmetto																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Reduce slope to 3:1 where necessary on golf course lake. Remove the peninsula in the golf course lake and level berm to a slightly higher elevation than the wetlands south of the lake. Install outfall structures capable of metering and discharging adequate volumes to maintain berm safety during a storm on both golf course and east lakes. Install solar bees for lake recirculation/algae control on the golf course lake. All necessary electrical, instrument, and SCADA control work will be included. Rationale A 3:1 slope has been determined to be the optimum erosion in lakes. Leveling the berm and removing the peninsula in the golf course lake will increase reclaimed water storage capacity, which is needed to support system growth. Funding Strategy Utility Rates Project Map 																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th style="text-align: left;">Activity</th> <th style="text-align: left;">From</th> <th style="text-align: left;">To</th> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/19</td> <td>09/30/20</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">300,000</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Construction:</td> <td>10/01/20</td> <td>12/31/21</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2,330,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2,330,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/19</td> <td>12/31/21</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">15,000</td> <td style="text-align: center;">470,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">485,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">315,000</td> <td style="text-align: center;">2,800,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">3,115,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/19	09/30/20	0	0	0	0	0	300,000	0	0	300,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/20	12/31/21	0	0	0	0	0	0	2,330,000	0	2,330,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	15,000	470,000	0	485,000	Totals:			0	0	0	0	0	315,000	2,800,000	0	3,115,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/19	09/30/20	0	0	0	0	0	300,000	0	0	300,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	2,330,000	0	2,330,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	15,000	470,000	0	485,000																																																																																						
Totals:			0	0	0	0	0	315,000	2,800,000	0	3,115,000																																																																																						
Operating Budget Impacts																																																																																																	
	FY2018	FY2019	FY2020	FY2021																																																																																													
Personal:																																																																																																	
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

Means of Financing	
Funding Sources	Amount
Rates	3,115,000
Total Funding:	3,115,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

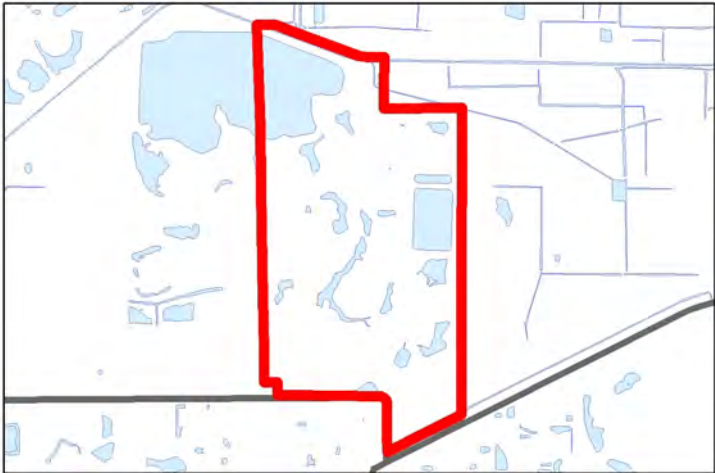
Wastewater	Project#	North Water Reclamation Facility 4th Belt Filter Press & BFP Automation									
Wastewater Treatment	WW01244	Automation									
Status: Existing Initial Year: 2019 District 1 Location: 8500 69th Street East, Palmetto											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Install a fourth belt filter press (BFP), associated catwalk, two additional polymer and sludge feed pumps, one additional polymer mixing tank, and all other required appurtenances. Rehab the existing sludge conveyor and truck load-out system, and modify to accommodate the new BFP. Rehab existing BFP's and replace power, instrumentation and controls to facilitate automatic operations. Install cameras to monitor BFP's, conveyors and truck load-out areas from the Administration Building control room, and include SCADA programming for monitoring and control.											
Rationale											
Sludge production is increasing at the NWRF. This addition will enhance system redundancy to facilitate proper preventive maintenance and shorten down time. Sludge trailers will be able to filled faster, enhancing dryer/landfill logistics.											
Funding Strategy											
Facility Investment Fees - Sewer Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	373,000	0	0	0	373,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/20	0	0	0	0	0	2,484,000	0	0	2,484,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	20,000	248,000	0	0	268,000
Totals:			0	0	0	0	393,000	2,732,000	0	0	3,125,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					Facility Investment Fees						
					1,562,500						
					Rates						
					1,562,500						
					Total Funding:						
					3,125,000						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater			Project#		North Water Reclamation Facility Class I Deep Injection Well							
Wastewater Treatment			6079480									
Status: Existing Initial Year: 2010 District 1 Location: Buffalo Creek Golf Course - Erie Road, Parrish												
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter					
CIE Project: Yes			LOS/Concurrency: No			Plan Reference:		Project Need: Growth				
Scope							Project Map					
Construction of a Class I Deep Injection Well system for the disposal of excess reclaimed water during wet weather seasons, and for brine concentrate from the future Reverse Osmosis facility. Includes permitting, design, and construction of injection wells and associated monitoring wells, piping, valves, flow meters, and connection to existing Supervisory Control and Data Acquisition (SCADA) system, and all other required appurtenances.												
Rationale												
During wet weather seasons, supply of reclaimed water exceeds demand. Without additional disposal options during these circumstances, unauthorized discharge to surface bodies of water is the only strategy that can be utilized to avoid damage to existing infrastructure (lake berms, etc.). Unauthorized discharges put the county at risk for enforcement actions by regulatory agencies that can include consent orders, fines, etc.												
Funding Strategy												
Debt Proceeds Utility Rates Facility Investment Fees - Sewer												
Schedule of Activities			Programmed Funding									
Activity From To			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	
Design:			01/01/16	12/31/16	1,073,162	1,042,719	600,000	0	0	0	0	1,642,719
Land:			04/01/13	03/31/14	0	0	0	0	0	0	0	0
Construction:			01/01/17	12/31/20	278	10,425,000	7,700,000	0	0	0	0	18,125,000
Equipment:					0	0	0	0	0	0	0	0
Project Mgt.:			01/01/16	12/31/20	65,582	330,000	800,000	0	0	0	0	1,130,000
Totals:					1,139,022	11,797,719	9,100,000	0	0	0	0	20,897,719
Operating Budget Impacts												
			FY2018	FY2019	FY2020	FY2021	Means of Financing					
Personal:							Funding Sources		Amount			
Non-Personal:			374,280	374,280	0	0	All Prior Funding		11,797,719			
Operating Capital:							Facility Investment Fees		3,574,359			
Operating Total:			374,280	374,280	0	0	Rates		5,525,641			
No.of Positions:			0	0	0	0	Total Funding:		20,897,719			

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Equalization Tank
Wastewater Treatment	6088490	
Status: Existing Initial Year: 2014 District 1 Location: Buffalo Creek Golf Course - Erie Road, Parrish		
Comprehensive Plan Information		Project Mgr:
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Engineer, design, specify and construct a 3 Million Gallon (MG) equalization tank to regulate inflows. The project will include a 3 MG tank with piping, valves, return pumps, mixing system, level control, odor control system, SCADA, and platform with stairway. To accomplish the construction, the electrical services currently in the old headworks will be relocated to a new motor control center. The project will also include demolition of the existing headworks structure and yard piping modifications to existing piping.	
Rationale	
The project will provide a balanced inflow throughout a 24 hour day. The benefit of a balanced flow is stabilization of the process through the plant operation over a 24 hour period. With a stabilized flow, the plant will be able to consistently meet permitted regulatory compliance obligations and provide cost savings on electric usage and bleach consumption. The stabilized flow will provide for a consistent pressure and volume of reuse water sent to the MARS system. The demolition of the old headworks has to be accomplished to place the tank in an advantageous location to the existing influent lines. The old headworks currently serves as a junction box for the existing electric for the area, necessitating the relocation of these electric components to a new motor control center.	
Funding Strategy	
Debt Proceeds Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/15	09/30/16	454,429	404,000	0	0	0	0	0	0	404,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/18	0	780,000	5,459,000	0	0	0	0	0	6,239,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/18	9,071	0	545,900	0	0	0	0	0	545,900
Totals:			463,500	1,184,000	6,004,900	0	0	0	0	0	7,188,900

Operating Budget Impacts				
	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

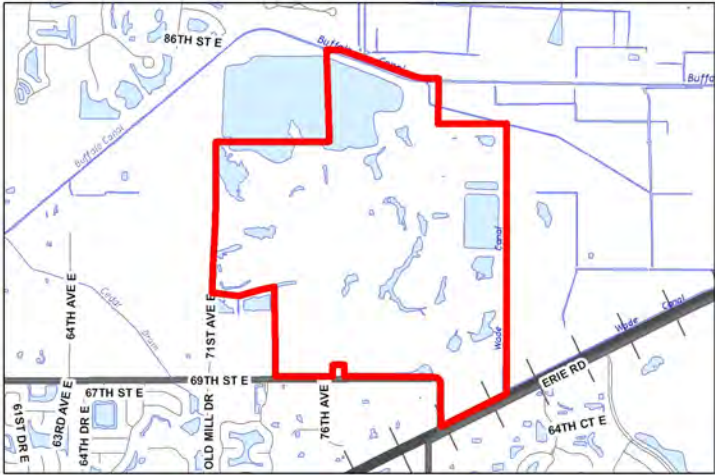
Means of Financing	
Funding Sources	Amount
All Prior Funding	1,184,000
Debt Proceeds	4,445,900
Rates	1,559,000
Total Funding:	7,188,900

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Secondary Clarifier 1 & 2									
Wastewater Treatment	WW01246	Refurbishment									
Status: Existing Initial Year: 2018 District 1 Location: 8500 69th Street East, Palmetto											
Comprehensive Plan Information				Project Mgr: Jeff Streitmatter							
CIE Project: No		LOS/Concurrency: No		Plan Reference:							
				Project Need: Maintenance							
Scope			Project Map								
Secondary Clarifiers #1 & #2 need to be resealed and grouted, and the drive units and rakes replaced. Launderers will structural repair and replacement of "V" notch weirs. Replace inlet and slide gates, and gate control mechanisms. Repair existing suction tubes, and upgrade ducking skimmers, control panels and alarm controls to SCADA standards as needed. Replace existing scum ejection system with progressing cavity pump system and install a system to intercept scum from the secondary clarifiers and separate "rags" from liquids.											
Rationale											
Clarifiers have been in service since 1987 and internal parts are failing, and replacement parts are no longer available. Clarifiers are structurally sound but all mechanical parts are corroded and in need of replacement. Parts of rakes are missing and there is a hydraulic short circuit at the weir baffles and launders. Scum ejector system does not work, and replacement parts are no longer available.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	230,000	0	0	0	0	230,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	1,600,000	0	0	0	1,600,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	11,500	320,000	0	0	0	331,500
Totals:			0	0	0	241,500	1,920,000	0	0	0	2,161,500
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,161,500
					Total Funding:						2,161,500

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Sludge Holding Improvements		
Wastewater Treatment	6050581			
Status: Existing Initial Year: 2013 District 1 Location: Buffalo Creek Golf Course - Erie Road, Parrish				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Removal of the existing two steel holding tanks, centrifugal blowers and air piping and replace with two glass lined steel tanks with decant manifolds, two new gravity belt thickeners and jet aeration systems.	
Rationale	
One tank was replaced with a new glass lined steel sludge digestion tank with a decant manifold and fine bubble aeration through a previous CIP. The remaining two steel tanks, sludge pumps and air lines have degraded and are in need of significant repairs or replacement. The new tanks will provide greater operational flexibility and control over the sludge holding process and will be compatible with the sludge requirements for processing Type A biosolids at the dryer facility. Once this project is complete, the sludge digestion will be re-designated as sludge holding as digestion will no longer be necessary at this facility. The sludge holding system was predicated by our transition to processing sludge at the dryer facility within the confines of the current Florida Department of Environmental Protection permit.	
Funding Strategy	
Debt Proceeds Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	09/30/13	364,433	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/16	3,300,367	4,595,000	0	0	0	0	0	0	4,595,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/16	209,631	0	0	0	0	0	0	0	0
Totals:			3,874,431	4,595,000	0	0	0	0	0	0	4,595,000

Operating Budget Impacts				
	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	4,595,000
Total Funding:	4,595,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility South Chlorine Contact Chamber Refurbishment									
Wastewater Treatment	WW01247										
Status: Existing Initial Year: 2018 District 1 Location: 8500 69th Street East, Palmetto											
Comprehensive Plan Information										Project Mgr: Jeff Streitmatter	
CIE Project: No LOS/Concurrency: No Plan Reference:						Project Need: Maintenance					
Scope						Project Map					
Rehab the South Chlorine Contact Chamber including replacement of expansion strips and new seal coat. Replace inlet and slide gates and install isolation valve on 36" line. Replace inlet gates on North Chlorine Contact Chamber as the existing gates are too short, which allows water to flow over the top of the inlet gates. Rationale Without isolation valve and working gates to the South Chlorine Contact Chamber, we cannot stop flow during high flows or when switching Contact Chambers during reject events. Without isolation, cleaning of contaminated chamber after reject event is nearly impossible. Class 1 reliability and system redundancy is required, and reject protocol is mandated. Replacement of inlet gates will allow for isolation of Chlorine Contact Chambers #3 & #4. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	07/31/18	0	0	0	114,000	0	0	0	0	114,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/18	06/01/19	0	0	0	0	862,000	0	0	0	862,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	06/01/19	0	0	0	5,700	172,400	0	0	0	178,100
Totals:			0	0	0	119,700	1,034,400	0	0	0	1,154,100
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,154,100
					Total Funding:						1,154,100

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	SEWRF & Landfill Network Connection																																																															
Wastewater Treatment	6088680																																																																
Status: Requested Initial Year: 2021 District 5 Location: 3331 Lena Road, Bradenton																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need																																																																	
Scope																																																																	
Install conduit from the School Board/County conduit on SR 64 to the Landfill Administration Building. Install fiber from the Health Department on 6th Avenue to the Landfill Administration Building. Install all necessary network ports, switches and appurtenances to complete the network.																																																																	
Rationale																																																																	
There are currently slow data exchange issues at the Biosolids Dryer. Issues will continue to increase as the size and complexity of the SEWRF increases. Additionally, Verizon network usage costs will continue to increase.																																																																	
Funding Strategy																																																																	
Utility Rates																																																																	
Project Map																																																																	
																																																																	
Schedule of Activities		Programmed Funding																																																															
Activity	From To	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Expended to Date</th> <th style="width: 10%;">Prior Year Approp.</th> <th style="width: 10%;">FY2017</th> <th style="width: 10%;">FY2018</th> <th style="width: 10%;">FY2019</th> <th style="width: 10%;">FY2020</th> <th style="width: 10%;">FY2021</th> <th style="width: 10%;">Future</th> <th style="width: 10%;">Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Land:</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Construction:</td> <td>10/01/16 12/31/17</td> <td>0</td> <td>0</td> <td>325,000</td> <td>0</td> <td>0</td> <td>0</td> <td>325,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/16 12/31/17</td> <td>0</td> <td>0</td> <td>65,000</td> <td>0</td> <td>0</td> <td>0</td> <td>65,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td>0</td> <td>0</td> <td>390,000</td> <td>0</td> <td>0</td> <td>0</td> <td>390,000</td> </tr> </table>	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:		0	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:	10/01/16 12/31/17	0	0	325,000	0	0	0	325,000	Equipment:		0	0	0	0	0	0	0	Project Mgt.:	10/01/16 12/31/17	0	0	65,000	0	0	0	65,000	Totals:		0	0	390,000	0	0	0	390,000
Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	10/01/16 12/31/17	0	0	325,000	0	0	0	325,000																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/16 12/31/17	0	0	65,000	0	0	0	65,000																																																									
Totals:		0	0	390,000	0	0	0	390,000																																																									
Operating Budget Impacts		Means of Financing																																																															
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FY2018	FY2019	FY2020	FY2021																																																														
Personal:																																																																	
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Operating Capital:																																																																	
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Rates	390,000																																																																
Total Funding:	390,000																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	SEWRF Anoxic Basin Mixer Replacement																																																																																															
Wastewater Treatment	WW01417																																																																																																
Status: Requested Initial Year: 2020 District 5 Location: 3331 Lena Road, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Remove and replace existing anoxic basin mixers in Basins 1, 2, and 3 (6 total) with OVIVO mixers, including new power cables and breakers. Perform structural inspection of Basin 3 and determine necessary repairs or modifications. Replace existing fiberglass cover and liquor gate on Basin 3, and replace the sluice gates on Basins 1 and 2. Rationale Mixers have reached the end of their useful life and are in need of replacement. The NWRF recently replaced with OVIVO mixers and are working well, and the similar equipment at the SEWRF would improve continuity between the facilities and allow sharing of spare parts and knowledge. Basin 3 cover and gates are deteriorated and in need of replacement. Funding Strategy Utility Rates Project Map 																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th style="text-align: left;">Activity</th> <th style="text-align: center;">From</th> <th style="text-align: center;">To</th> <th style="text-align: center;">Expended to Date</th> <th style="text-align: center;">Prior Year Approp.</th> <th style="text-align: center;">FY2017</th> <th style="text-align: center;">FY2018</th> <th style="text-align: center;">FY2019</th> <th style="text-align: center;">FY2020</th> <th style="text-align: center;">FY2021</th> <th style="text-align: center;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td style="text-align: center;">10/01/19</td> <td style="text-align: center;">09/30/20</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">228,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">228,000</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Construction:</td> <td style="text-align: center;">10/01/20</td> <td style="text-align: center;">12/31/21</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">1,516,000</td> <td style="text-align: center;">0</td> <td style="text-align: right;">1,516,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td style="text-align: center;">10/01/19</td> <td style="text-align: center;">12/31/21</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">12,000</td> <td style="text-align: right;">304,000</td> <td style="text-align: center;">0</td> <td style="text-align: right;">316,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">240,000</td> <td style="text-align: right;">1,820,000</td> <td style="text-align: center;">0</td> <td style="text-align: right;">2,060,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/19	09/30/20	0	0	0	0	0	228,000	0	0	228,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/20	12/31/21	0	0	0	0	0	0	1,516,000	0	1,516,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	12,000	304,000	0	316,000	Totals:			0	0	0	0	0	240,000	1,820,000	0	2,060,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/19	09/30/20	0	0	0	0	0	228,000	0	0	228,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	1,516,000	0	1,516,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	12,000	304,000	0	316,000																																																																																						
Totals:			0	0	0	0	0	240,000	1,820,000	0	2,060,000																																																																																						
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Personal:																																																																																																	
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Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

Means of Financing	
Funding Sources	Amount
Rates	2,060,000
Total Funding:	2,060,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	SEWRF Arc Flash Mitigation									
Wastewater Treatment	WW01420										
Status: Requested Initial Year: 2019 District 5 Location: 3331 Lena Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Replace disconnects with NEMA 4X or NEMA 1 rated disconnects, and replace motor control centers (MCC) 9 & 10. Install breaker between FPL transformer and the Biosolids Dryer MCC to mitigate arc flash hazard. MCC's and breaker shall be specified for minimal arc flash hazard.											
Rationale											
Project is necessary to comply with NFPA70-E standards and must be done to minimize arc flash hazard to personnel and equipment.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	03/31/19	0	0	0	0	50,000	0	0	0	50,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/19	12/31/19	0	0	0	0	350,000	0	0	0	350,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/19	0	0	0	0	75,000	0	0	0	75,000
Totals:			0	0	0	0	475,000	0	0	0	475,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						475,000
					Total Funding:						475,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	SEWRF Automatic Backwash Filter Refurbishment									
Wastewater Treatment	WW01418										
Status: Requested Initial Year: 2020 District 5 Location: 3331 Lena Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Removal and replacement of filter media, washwater troughs, porous plates and air diffusers for automatic backwash filter #3 & #4.											
Rationale											
Filter media should be replaced every 3-5 years in order for the material to be effective in reducing the turbidity level to an acceptable level. The underdrain porous plates, washwater troughs and air scour diffusers are in need of replacement as they are deteriorating to the point of affecting the efficiency and performance of the filters.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	107,000	0	0	107,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	1,062,000	0	1,062,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	6,000	213,000	0	219,000
Totals:			0	0	0	0	0	113,000	1,275,000	0	1,388,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,388,000
					Total Funding:						1,388,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	SEWRF Refurbishment of Automatic Backwash Filters 1 & 2		
Wastewater Treatment	6087780			
Status: Existing Initial Year: 2016 District 5 Location: 3331 Lena Road, Bradenton				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: Yes		Plan Reference:
		Project Need: Maintenance		

Scope	Project Map
Removal and replacement of the filter media, washwater troughs, porous plates and rails for automatic backwash filters 1 & 2.	
Rationale	
The underdrain porous plates, washwater troughs, and rails are in need of replacement as they are deteriorating to the point of affecting the efficiency and performance of the filters.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	03/01/16	12/31/18	10,754	70,000	0	0	0	0	0	0	70,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/16	12/31/18	0	630,000	0	0	0	0	0	0	630,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/01/16	12/31/18	0	130,000	0	0	0	0	0	0	130,000
Totals:			10,754	830,000	0	0	0	0	0	0	830,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	830,000
Non-Personal:					Total Funding:	830,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	SEWRF Slide & Sluice Gates Replacement																																																																																				
Wastewater Treatment	WW01416																																																																																					
Status: Requested Initial Year: 2020 District 5 Location: 3331 Lena Road, Bradenton																																																																																						
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																						
<u>Scope</u> Removal and replacement of sluice and slide gates, including actuators and handles, at the chlorine contact basins and mixing flocculation basins. <u>Project Map</u> 																																																																																						
<u>Rationale</u> Gates have reached the end of their useful life and are in need of replacement. The gates are necessary to allow operations to direct the flow of water to the appropriate system for treatment. Gates are critical to the operation and require ongoing maintenance.																																																																																						
<u>Funding Strategy</u> Utility Rates																																																																																						
<u>Schedule of Activities</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Activity</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/19</td> <td>09/30/20</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> </tr> <tr> <td>Construction:</td> <td>10/01/20</td> <td>12/31/21</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/19</td> <td>12/31/21</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> </tr> </tbody> </table> <u>Programmed Funding</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>116,000</td> <td>0</td> <td>0</td> <td>116,000</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>769,000</td> <td>0</td> <td>769,000</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>6,000</td> <td>154,000</td> <td>0</td> <td>160,000</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>122,000</td> <td>923,000</td> <td>0</td> <td>1,045,000</td> </tr> </tbody> </table>			Activity	From	To	Design:	10/01/19	09/30/20	Land:			Construction:	10/01/20	12/31/21	Equipment:			Project Mgt.:	10/01/19	12/31/21	Totals:			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	0	0	0	0	0	116,000	0	0	116,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	769,000	0	769,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,000	154,000	0	160,000	0	0	0	0	0	122,000	923,000	0	1,045,000
Activity	From	To																																																																																				
Design:	10/01/19	09/30/20																																																																																				
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Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																														
0	0	0	0	0	116,000	0	0	116,000																																																																														
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0	0	0	0	0	0	769,000	0	769,000																																																																														
0	0	0	0	0	0	0	0	0																																																																														
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0	0	0	0	0	122,000	923,000	0	1,045,000																																																																														
<u>Operating Budget Impacts</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> </tr> </thead> <tbody> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Personal:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Capital:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Total:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>No. of Positions:</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>				FY2018	FY2019	FY2020	FY2021	Personal:					Non-Personal:					Operating Capital:					Operating Total:					No. of Positions:	0	0	0	0																																																						
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<u>Means of Financing</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Rates</td> <td style="text-align: right;">1,045,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">1,045,000</td> </tr> </tbody> </table>			Funding Sources	Amount	Rates	1,045,000	Total Funding:	1,045,000																																																																														
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	SWWRF Second Cloth Filter																																																																																															
Wastewater Treatment	WW01423																																																																																																
Status: Requested Initial Year: 2020 District 3 Location: 5101 65th Street West, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Maintenance																																																																																																	
Scope		Project Map																																																																																															
Convert one existing sand filter to a cloth filter. This will include demolition of the existing sand filter components, installation of the equipment needed for the new cloth filter, and any modifications in piping and channels to ensure proper distribution of water between filters and chlorine contact chambers. SCADA modifications will be included.																																																																																																	
Rationale																																																																																																	
Adding a cloth filter will increase total filter capacity and help maintain class one reliability.																																																																																																	
Funding Strategy																																																																																																	
Utility Rates																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: left;">Schedule of Activities</th> <th colspan="8" style="text-align: center;">Programmed Funding</th> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/19</td> <td>09/30/20</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">303,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">303,000</td> </tr> <tr> <td>Land:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Construction:</td> <td>10/01/20</td> <td>12/31/21</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">2,020,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">2,020,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/19</td> <td>12/31/21</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">16,000</td> <td style="text-align: right;">405,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">421,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">319,000</td> <td style="text-align: right;">2,425,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">2,744,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date	Design:	10/01/19	09/30/20	0	0	0	0	0	303,000	0	0	303,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/20	12/31/21	0	0	0	0	0	0	2,020,000	0	2,020,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	16,000	405,000	0	421,000	Totals:			0	0	0	0	0	319,000	2,425,000	0	2,744,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date																																																																																						
Design:	10/01/19	09/30/20	0	0	0	0	0	303,000	0	0	303,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/20	12/31/21	0	0	0	0	0	0	2,020,000	0	2,020,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	12/31/21	0	0	0	0	0	16,000	405,000	0	421,000																																																																																						
Totals:			0	0	0	0	0	319,000	2,425,000	0	2,744,000																																																																																						
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Personal:						<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Funding Sources</th> <th style="text-align: right;">Amount</th> </tr> </thead> <tbody> <tr> <td>Rates</td> <td style="text-align: right;">2,744,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">2,744,000</td> </tr> </tbody> </table>		Funding Sources	Amount	Rates	2,744,000	Total Funding:	2,744,000																																																																																				
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No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility 10 Million Gallon Storage
Wastewater Treatment	6084880	Tanks and Interconnection

Status: Existing Initial Year: 2013 District 5 Location: SR 64 - Lena Road, Bradenton

Comprehensive Plan Information

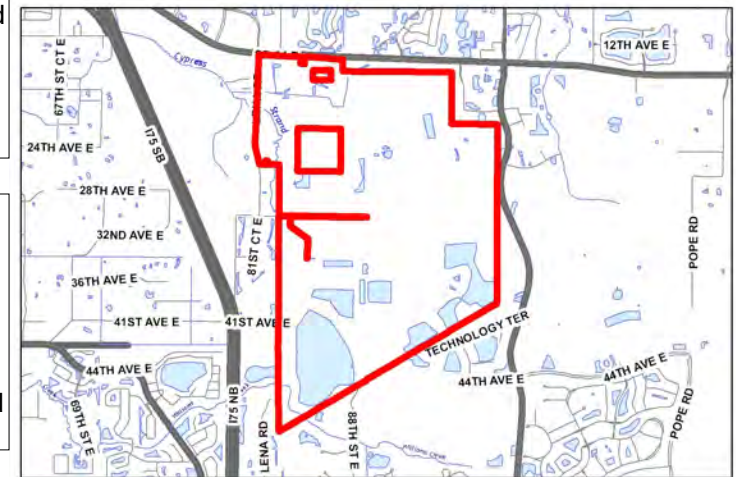
Project Mgr: **Anthony Benitez**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Construction of one 10 million gallon reclaimed water ground storage tank, a high service reclaimed water pump station, and an interconnection between the Southeast Water Reclamation Facility reclaimed lakes and the Manatee Agricultural Reuse Supply (MARS) transmission line. Converting existing high service pump station to a transfer pump station.

Project Map



Rationale

With the integration of the MARS reclaimed water system, management of the reclaimed water has dynamically changed. Currently the operations staff is having difficulty meeting peak reclaimed water demands due to their inability to return lake water quickly enough to meet peak demands. This will be resolved in part by installing back pressure sustaining valves on the supply lines to control system pressure. The lake filtration project will improve lake water supply, but it is still necessary to have sufficient ground storage capacity to meet peak diurnal demands. This project will save energy costs by reducing the operating pressure of the onsite reclaimed water system and will provide the county the ability to transfer reclaimed water from one facility to another.

Funding Strategy

Debt Proceeds
 Grants
 Utility Rates

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/13	02/01/14	33,319	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/14	12/31/16	8,251,004	11,216,747	0	0	0	0	0	0	11,216,747
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	365,803	32,000	0	0	0	0	0	0	32,000
Totals:			8,650,126	11,248,747	0	0	0	0	0	0	11,248,747

Operating Budget Impacts

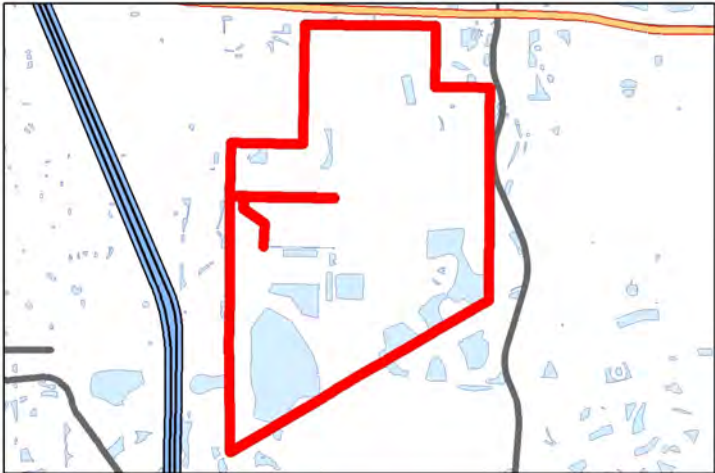
	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	11,248,747
Total Funding:	11,248,747

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Headworks Rehabilitation	
Wastewater Treatment	6083380		
Status: Existing Initial Year: 2013 District 5 Location: SR 64 - Lena Road, Bradenton			
Comprehensive Plan Information		Project Mgr: William Lorenzo	
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance	

Scope	Project Map
Design and rehabilitate the headworks at the Southeast Water Reclamation Facility (SEWRF) to include a new grit system, a structural repair of the concrete channels including a concrete sealing application, replacement of the existing bar screens with new technology bar screens and rehabilitation of the current piping. Remove and relocate the existing electrical system to the existing motor control center (MCC).	
Rationale	
The existing headworks is approximately 23 years old. All of the influent coming into the plant is processed through this concrete and mechanical structure and influent water is a highly corrosive environment for both. Sections of the concrete structure and existing equipment are in need of rehabilitation and replacement. The corrosive atmosphere in the headworks building has corroded the electrical components necessitating their replacement. To avoid future problems with the new switchgear, the components will be moved to a less corrosive environment.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	09/30/13	306,191	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	12/31/16	1,710,685	2,450,000	0	0	0	0	0	0	2,450,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/16	135,138	0	0	0	0	0	0	0	0
Totals:			2,152,014	2,450,000	0	0	0	0	0	0	2,450,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	2,450,000
Non-Personal:					Total Funding:	2,450,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Internal Recycle Pumps
Wastewater Treatment	6083580	

Status: Existing Initial Year: 2013 District 5 Location: SR 64 - Lena Road, Bradenton

Comprehensive Plan Information

Project Mgr:

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Construction of a new internal recycle pump station and aeration control system to include removal of the valve and piping inside the existing oxidation ditches, installation of a new isolation valve outside of the tank, installation of new internal recycle pumps and piping, and system programming to control the aerator speed.

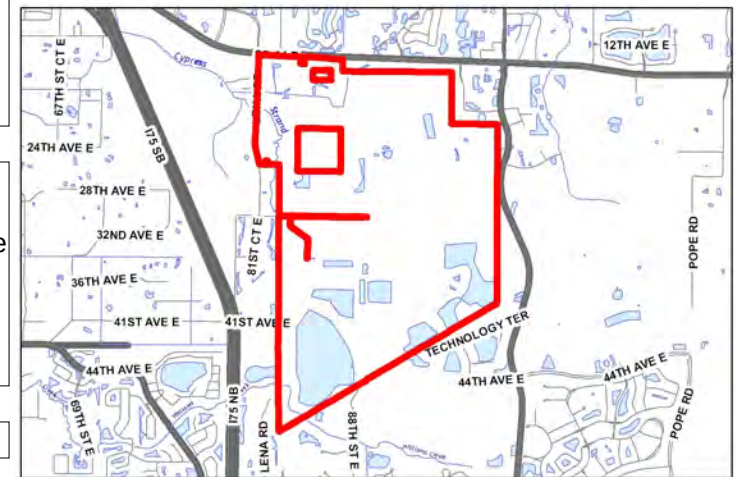
Rationale

The existing internal recycle pump and valve system predates the 2000 Southeast Water Reclamation Facility (SEWRF) expansion. The age and configuration of the system is resulting in operational issues with consequential increased maintenance costs. The SEWRF is replacing these pumps in the same configuration as being completed at the North Water Reclamation Facility to resolve these issues and to move the isolation valve outside the tank. The replacement of this system will result in better internal return flows, improved nitrogen removal and improved ability to maintain the equipment.

Funding Strategy

Utility Rates

Project Map



Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/12	09/30/13	180,676	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/16	2,234,896	2,910,000	0	0	0	0	0	0	2,910,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/16	116,938	0	0	0	0	0	0	0	0
Totals:			2,532,510	2,910,000	0	0	0	0	0	0	2,910,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	2,910,000
Total Funding:	2,910,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Lake Filtering System - Slope Stabilization		
Wastewater Treatment	6073780			
Status: Existing Initial Year: 2009 District 5 Location: SR 64 - Lena Road, Bradenton				
Comprehensive Plan Information			Project Mgr:	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Installation of lake filtration system, slope stabilization, pump station upgrades, valves, flow meters, chemical feed system and appurtenances.	

Rationale
Following the treatment process, wastewater effluent is pumped to bulk storage lakes. When needed for irrigation, this water is filtered and pumped to the county's reuse system. The lake filters are designed to screen the water and help prevent clogging of irrigation system components. The lake filters are not functioning as required. This results in higher operational costs and impacts to the wastewater treatment plant process for filtration and treatment.

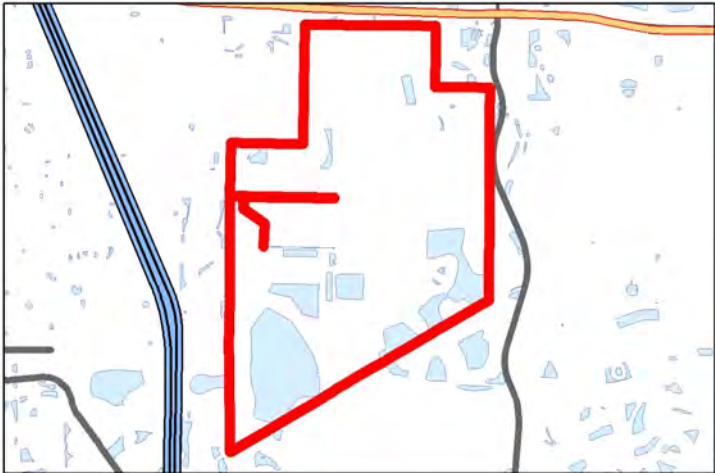
Funding Strategy
Debt Proceeds Utility Rates

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	01/01/10	09/30/13	557,033	400,000	0	0	0	0	0	0	400,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/17	4,506,069	5,820,000	0	0	0	0	0	0	5,820,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/10	12/31/17	282,106	325,000	0	0	0	0	0	0	325,000
Totals:			5,345,208	6,545,000	0	0	0	0	0	0	6,545,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:					All Prior Funding	6,545,000
Non-Personal:					Total Funding:	6,545,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Maintenance Building		
Wastewater Treatment	6085080			
Status: Existing Initial Year: 2013 District 5 Location: SR 64 - Lena Road, Bradenton				
Comprehensive Plan Information			Project Mgr: Tom Yarger	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Design and construct a new 13,500 square foot maintenance/warehouse building to include offices, maintenance shop, and warehouse facilities for the wastewater division staff.	
Rationale	
Currently there is no central maintenance/warehouse facility at the Southeast Water Reclamation Facility (SEWRF) for the plant staff and biosolids dryer staff. The maintenance staff shares the locker room and lunch area in the administration building with the plant operations personnel. The dryer operators/maintenance personnel do not have a locker room or lunch area. An all purpose maintenance/warehouse facility at the site will enhance the organization/operation on the site. Additionally, the facility will be used for storm emergency operations since it is located out of the 100 year flood plain and hurricane storm surge areas which will allow the division to safely store critical operational parts and equipment.	
Funding Strategy	
Debt Proceeds	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/12	09/30/13	506,475	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/16	2,414,209	3,016,000	0	0	0	0	0	0	3,016,000
Equipment:			14,060	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/16	51,954	20,000	0	0	0	0	0	0	20,000
Totals:			2,986,699	3,036,000	0	0	0	0	0	0	3,036,000

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:	35,000	35,000	0	0	All Prior Funding	3,036,000
Operating Capital:					Total Funding:	3,036,000
Operating Total:	35,000	35,000	0	0		
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Septage Receiving Station
Wastewater Treatment	6083480	

Status: Existing Initial Year: 2013 District 5 Location: SR 64 & Lena Road

Comprehensive Plan Information

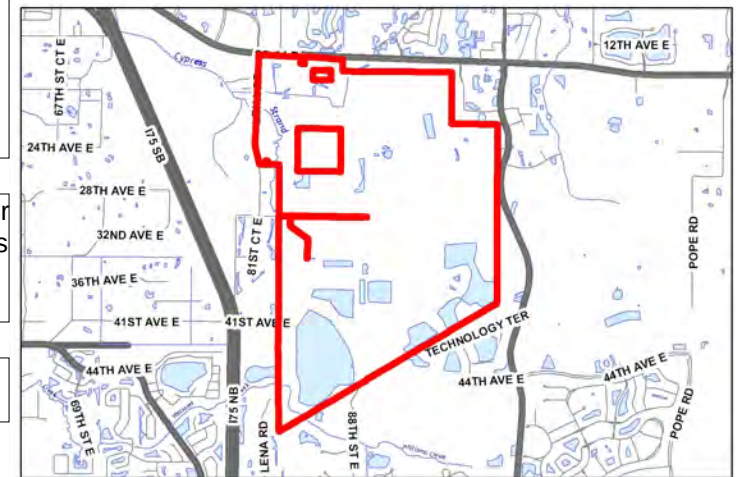
Project Mgr:

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Construction of an automated septage receiving station to include an access terminal that would allow customers to deliver septage at an unmanned holding system using an access card to grant admittance, process charges, and record flows. Specific equipment would include septage conditioning tanks, a vacuum drum, dewatering system, ventilation system, piping, electrical, instrumentation and control work.

Project Map



Rationale

The current practice is to receive privately transported shipments of septage at the Southeast Water Reclamation Facility, mix the septage with mulch and deposit it in the county landfill. This process is a labor intensive operation, performed outdoors and is a source of odors. The proposed septage process is fully automated, does not emit odors and will reduce processing labor.

Funding Strategy

Debt Proceeds
Utility Rates

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/12	09/30/14	255,119	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/16	12/31/16	1,528,657	4,400,500	0	0	0	0	0	0	4,400,500
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/16	52,965	0	0	0	0	0	0	0	0
Totals:			1,836,740	4,400,500	0	0	0	0	0	0	4,400,500

Operating Budget Impacts

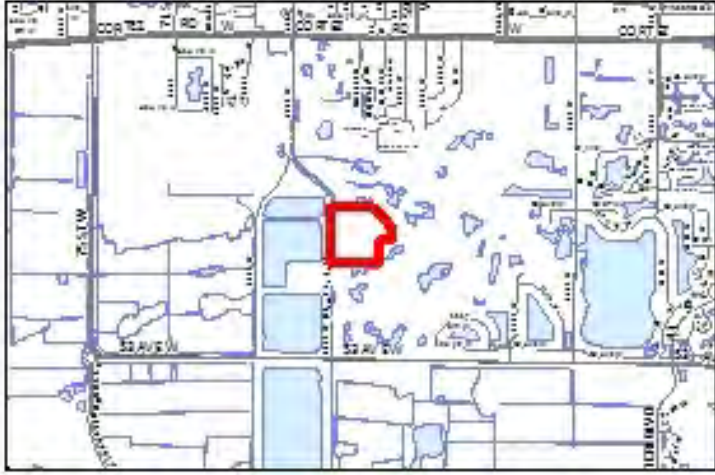
	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	4,400,500
Total Funding:	4,400,500

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility - Electrical Distribution System Rehab/Enhancement		
Wastewater Treatment	WW01370			
Status: Existing Initial Year: 2019 District 3 Location: 5101 65th Street West, Bradenton				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Replace/upgrade electrical distribution components to include air conditioning for electrical rooms, remove substations 1, 2, 9 & 10 replace motor control centers E1 & E2, replace switchboards 11 & 12, and replace main 5 kV switch gear, wiring, breakers and controls.	
Rationale	
Much of the equipment at the SWWRF is more than 25 years old, some is obsolete, and most is nearing the end of it's useful life. Each of these factors make the whole system inefficient and unreliable, and this rehabilitation will increase the safety and productivity at the SWWRF.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/21	0	0	0	0	0	1,025,450	2,880,450	0	3,905,900
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	12/31/21	0	0	0	0	0	205,090	288,045	0	493,135
Totals:			0	0	0	0	0	1,230,540	3,168,495	0	4,399,035

Operating Budget Impacts					Means of Financing	
	FY2018	FY2019	FY2020	FY2021	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0	Rates	4,399,035
					Total Funding:	4,399,035

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Automatic Backwash
Wastewater Treatment	6016681	Filter Rehabilitation

Status: Existing Initial Year: 2014 District 3 Location: 66th Street - 53rd Avenue West, Bradenton

Comprehensive Plan Information

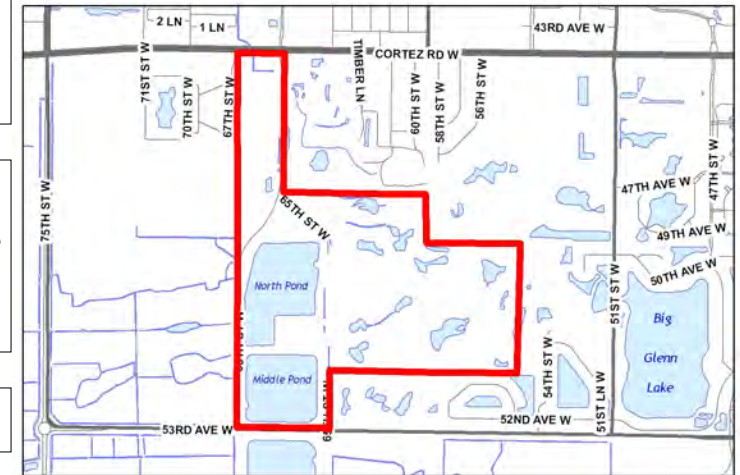
Project Mgr: **Anthony Benitez**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Remove the existing filter media, inspect the under drains, rails and bridge equipment, make necessary repairs, replace the media plates and fill the filter basins with new media.

Project Map



Rationale

The lake water returned from the reclaimed storage ponds to the existing automatic backwash filters contains high concentrations of algae and solids resulting in particulate breakthrough reducing filter performance and shortening the life span of the filter media. During this maintenance operation when the filter basins are empty, it is beneficial to inspect and repair the media grating, the traveling bridge rails and the mechanical bridge equipment. Without regular maintenance the mechanical equipment loses calibration, resulting in greater or emergency repair costs.

Funding Strategy

Debt Proceeds
Utility Rates

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Activity	From	To									
Design:			121,242	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	02/17/15	12/31/16	1,215,671	2,459,000	0	0	0	0	0	0	2,459,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/13	12/31/16	86,868	0	0	0	0	0	0	0	0
Totals:			1,423,781	2,459,000	0	0	0	0	0	0	2,459,000

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	2,459,000
Total Funding:	2,459,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Belt Filter Press Electrical Rehabilitation & Monitoring									
Wastewater Treatment	WW01251										
Status: Existing Initial Year: 2018 District 3 Location: 5101 65th Street West, Bradenton											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance							
Scope		Project Map									
Rehabilitate one existing belt filter press (BFP) and replace one existing BFP and polymer feed system. Modify and rehabilitate the existing sludge conveyor and truck load-out system (at least two points of load out for second truck position). Replace the electrics, instrumentation and controls on five BFP's to facilitate automatic operation. Install cameras to visually monitor BFP's, conveyors, and truck load out from the Administration Building control room. Replace BFP feed pumps and drives and improve sludge transfer pump piping, replacing pumps as needed. Improvements include SCADA programming for control and monitoring.											
Rationale											
Sludge production is increasing at the Southwest plant. This project will enhance system reliability and shorten down time. Sludge trailers will be able to be filled faster, enhancing dryer/landfill logistics. Replacement will decrease maintenance and improve reliability.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	433,000	0	0	0	0	433,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	2,886,000	0	0	0	2,886,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	12/31/19	0	0	0	22,000	288,600	0	0	0	310,600
Totals:			0	0	0	455,000	3,174,600	0	0	0	3,629,600
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						3,629,600
					Total Funding:						3,629,600

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Class V Recharge Well & Aquifer Storage Recovery Well									
Wastewater Treatment	6069081										
Status: Existing Initial Year: 2014 District 3 Location: 5101 65th Street West, Bradenton											
Comprehensive Plan Information			Project Mgr: Anthony Benitez								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Growth							
Scope		Project Map									
Construction of a Class V recharge well (+/- 1,200 feet) at the SWWRF to add additional wet weather disposal and to operate in conjunction with the existing Aquifer Storage Recovery (ASR) well at the SWWRF. Includes permitting, design, and construction of recharge well, associated monitoring wells, piping, valves, flow meters, SCADA telemetry and other required appurtenances. To also include necessary replacement piping for ASR well, new piping to accommodate existing infrastructure, valves, meters and SCADA telemetry.											
Rationale											
This well will provide additional wet weather disposal capacity of up to 10 MGD, that will assist in avoiding unauthorized discharges during wet weather season. The well, operating in conjunction with the existing ASR well, will also improve management of the reclaimed water system.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/14	12/31/15	602,151	627,000	0	0	0	0	0	0	627,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/16	06/30/17	1,133,590	6,000,000	0	0	0	0	0	0	6,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/30/17	67,966	0	0	0	0	0	0	0	0
Totals:			1,803,708	6,627,000	0	0	0	0	0	0	6,627,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:					Means of Financing						
Non-Personal:											
Operating Capital:					Funding Sources		Amount				
Operating Total:					All Prior Funding		6,627,000				
No. of Positions:	0	0	0	0	Total Funding:		6,627,000				

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Equalization System Rehabilitation									
Wastewater Treatment	WW01254	Rehabilitation									
Status: Existing Initial Year: 2019 District 3 Location: 5101 65th Street West, Bradenton											
Comprehensive Plan Information				Project Mgr: Jeff Streitmatter							
CIE Project: No		LOS/Concurrency: No		Plan Reference:							
				Project Need: Maintenance							
Scope			Project Map								
Install a permanent cover over the existing flow equalization (FEQ) tank and add jet aeration mixing to keep solids in suspension. Rehabilitate the existing return pump station including replacement of pumps, guide rails, piping and control panels, and reline the wet well if necessary. Structural inspection of the tank shall be performed and necessary repairs made, SCADA programming and appurtenances for ventilation/odor control included. New transformer and Motor Control Center will power existing and new loads.											
Rationale The current FEQ cover has issues keeping the cover clear of vegetation and settling solids. The FEQ receives and stores raw influent during the day and returns it to the plant at night to equalize the incoming flow. The WRF receives odor complaints from the surrounding community and golf course. The installation of a permanent cover and odor control system would greatly reduce the odor. A mixing system is required to keep solids from settling in the tank which makes it easier to pump them back to the plant. The wet well for the pump station was modified for prior construction causing one of the pumps to be blocked from retrieval or repair, also the structure and discharge piping has been in constant use for over 25 years and may need to be upgraded or replaced.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/18	07/31/19	0	0	0	0	425,000	0	0	0	425,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/19	06/30/20	0	0	0	0	0	5,110,000	0	0	5,110,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	06/30/20	0	0	0	0	22,000	511,000	0	0	533,000
Totals:			0	0	0	0	447,000	5,621,000	0	0	6,068,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						6,068,000
					Total Funding:						6,068,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility New Headworks									
Wastewater Treatment	6083381										
Status: Existing Initial Year: 2017 District 3 Location: 5101 65th Street West, Bradenton											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance							
Scope		Project Map									
Demolish old headworks, and construct a new headworks including piping, flow meters, mechanical screens, grit removal, scum screening/pumping, and odor control. Size grit removal system to handle peak grit loads during heavy rain events. Include an influent sampling system to eliminate side stream influences and allow sample collection without fouling the intake. Provide pH and temperature analyzers, and construct new MCC and SCADA panels at remote area from H2S gas. This includes new 5kV feeders for the aeration blowers and intercepting the 5kV feeders at the existing area and extending to the transformers for the anoxic basins.											
Rationale											
The headworks structure is over 25 years old and deteriorating due to concrete corrosion by hydrogen sulfide and water intrusion. The grit system is undersized and becomes clogged during heavy rain. Scum requires screening to remove floatable objects and prevent fouling of jet aeration mixing system in sludge holding tanks. Power for the headworks may be interconnected with electrical equipment at the anoxic basins electrical room.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	1,300,000	0	0	0	0	0	1,300,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	8,700,000	0	0	0	0	8,700,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	0	0	65,000	870,000	0	0	0	0	935,000
Totals:			0	0	1,365,000	9,570,000	0	0	0	0	10,935,000
Operating Budget Impacts											
	FY2018	FY2019	FY2020	FY2021							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						10,935,000
					Total Funding:						10,935,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2017 - 2021 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Process Modifications for Nitrogen Removal
Wastewater Treatment	6079080	

Status: Existing Initial Year: 2011 District 3 Location: 66th Street & 53rd Avenue West, Bradenton

Comprehensive Plan Information

Project Mgr: **Anthony Benitez**

CIE Project: **No** LOS/Concurrency: **No** Plan Reference: Project Need: **Maintenance**

Scope

Retrofitting primary clarifiers to an anoxic zone and introduction of an internal recirculation pumping system for return of nitrifying bacteria to the anoxic zone and ancillary improvements. Structural modifications, gates, piping, valves, electrical and automation to control the internal recycle return rate.

Rationale

The Florida Department of Environmental Protection (FDEP) has expressed concern over the conventional activated sludge process (Ammonia Process) at the Southwest Water Reclamation Facility and based on conversation with the FDEP it is anticipated they will impose nitrogen limits on the facility in the near future. Implementing an Advanced Activated Sludge process (Modified-Ludzak Ettinger or MLE) similar to the other facilities will enhance nitrogen removal and have the side benefit of minimizing the algae food source going to the wet weather storage ponds helping to reduce algae production and improving the reclaimed water quality.

Funding Strategy

Debt Proceeds
Utility Rates

Project Map



Schedule of Activities			Programmed Funding							
			Expended to Date	Prior Year Approp.	FY2017	FY2018	FY2019	FY2020	FY2021	Future
Activity	From	To								
Design:	04/01/10	09/30/13	1,391,506	85,000	0	0	0	0	0	85,000
Land:			0	0	0	0	0	0	0	0
Construction:	04/01/13	06/30/17	16,074,167	21,685,243	0	0	0	0	0	21,685,243
Equipment:			0	0	0	0	0	0	0	0
Project Mgt.:	04/01/10	06/30/17	919,653	210,000	0	0	0	0	0	210,000
Totals:			18,385,326	21,980,243	0	0	0	0	0	21,980,243

Operating Budget Impacts

	FY2018	FY2019	FY2020	FY2021
Personal:				
Non-Personal:	150,000	150,000	0	0
Operating Capital:				
Operating Total:	150,000	150,000	0	0
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	21,980,243
Total Funding:	21,980,243

Manatee County General Government Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
	General Government / Information Technologies		
1	County Web Content Management Software Replacement	Evaluate and purchase new software application to replace current website content management application.	1,000,000
2	Fiber Network Expansion - BACVB-MCDF	Install fiber from BACVB to MCDF.	575,000
3	Fiber Network Expansion - East Loop	Install fiber from SR70 (Braden River Library) to Lorraine Road to SR64 to 1st Street and 6th Avenue.	250,000
4	Fiber Network Expansion - North Loop	Install fiber from US 41 and 61st Street to Ellenton Gillette Road to 69th Street East to Erie Road to Old Tampa Road to Ft. Hamer Road to Upper Manatee River Road, then connect to East Loop.	1,440,000
5	Fiber Network Expansion - Rye/Waterline Road	Install fiber from SR64 to Rye Road to Waterline Road to the water treatment plant.	250,000
6	Fiber Network Expansion - West Loop	Install fiber from County Admin Building to 75th Street to 53rd Avenue to US41 and connect to South Loop.	645,000
	General Government / Parks Projects / Property Management		
1	Anna Maria Island Jetty Replacement - South	Replace jetty at the south end of Anna Maria Island.	4,000,000
2	Bennett Park Build Out	Complete build out of park site. Four baseball/softball field, concession stand, restrooms, community center, pool, amphitheater, parking lots, four tennis courts, two basketball courts, stormwater, utilities, lighting, and pickleball.	12,320,000
3	Bennett Park Shade Structures	Install shade structure for existing playground.	30,000
4	Blackstone Concession/Restroom - Soccer Fields	Construct concession/ADA restroom facility.	400,000
5	Blackstone Park Dugout Replacements	Six dugout replacements.	100,000
6	Blackstone Park Softball Concession Stand & Restroom	Replacement softball concession stand and restrooms.	309,500
7	Blackstone Skatepark Equipment Replacement & Upgrade	Remove, replace and upgrade existing skatepark equipment.	273,000
8	Boat Ramp - New - Undetermined Location	Construct boat ramp at undetermined location. Includes restroom, fish cleaning stations, lighting and parking lot.	1,600,000
9	Braden River Park Ball Field #6	Complete renovation of outfield to include soil, grading, rolling and sodding to combat sinkholes.	250,000
10	Braden River Park Dog Park	Construct pavilion, fencing and water line to the identified area for the dog park. Provide benches and picnic tables.	300,000
11	Braden River Park Erosion	Install retaining walls and drainage to eliminate erosion and wash out concerns.	250,000
12	Braden River Park Restroom	Construct ADA compliant restrooms near soccer fields.	245,000
13	Buffalo Creek Park Paved Parking Lot	Pave existing shell parking lot.	110,000

Manatee County General Government Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
14	Buffalo Creek Park Soccer Restrooms	Construct ADA compliant restrooms near soccer fields.	245,000
15	Coquina Beach Pavilion/Tiki Hut	Construct pavilion/tiki hut at south end of Coquina Beach.	350,000
16	Coquina Beach Restrooms	Replace bathrooms at Coquina Beach (6).	250,000
17	Cortez Beach Restroom	Construct ADA and FEMA compliant restroom.	250,000
18	Country Club East Park Dog Park w/Pavilion	Construct fenced in dog park. Includes large and small dog areas, pavilions, picnic tables, benches, water fountains, signage sidewalks, seating, and trees.	360,000
19	County Beach Restrooms	Construct multi-stall restrooms, one each at Manatee Beach and Coquina Beach.	500,000
20	Crosley - Boat Basin	Improvements to include walkways, lighting, seating, ornamental fencing, cosmetic repairs and ADA required improvements.	1,200,000
21	Devil's Elbow - Canoe/Kayak Launch And Picnic Shelter	Construct pavilion, canoe/kayak launch, trails, restroom and signage.	300,000
22	Duette Preserve Group Campground at Pedrick Property	Construct scout/church campground at Duette Preserve. Includes primitive camp sites, picnic pavilion, grills, fire rings, gathering areas, and a cable suspension bridge over the Manatee River.	250,000
23	Duette Preserve RV Park	Construction of RV park with electric and water hookups, and septic pump out.	250,000
24	East Bradenton Park Restrooms	Replace park restroom facility to include community indoor activity area.	300,000
25	Emerson Point Preserve Boardwalk	Reconstruct boardwalk decking.	500,000
26	Greenbrook Park Dog Park w/Pavilion	Construct fenced in dog park. Includes large and small dog areas, pavilions, picnic tables, benches, water fountains, signage sidewalks, seating, and trees.	360,000
27	GT Bray ADA Playground	Replace existing playground with fully accessible, ADA compliant playground.	450,000
28	GT Bray Backstop Replacement	Replacement backstops for softball fields (4) and baseball fields (4).	360,000
29	GT Bray Baseball Concession	Demolish and remove existing building and construct ADA and fire code compliant concession building.	400,000
30	GT Bray Baseball Concession Building	Demolish and remove existing baseball/big concession building and construct ADA and fire code compliant building.	400,000
31	GT Bray Baseball Fields Lighting	Upgrade existing baseball field lighting.	700,000
32	GT Bray Basketball Court to Pickleball	Relocate basketball court to open space areas resurfacing to pickleball0	100,000
33	GT Bray Bronco Football Building	Reconstruct Bronco football building0	400,000
34	GT Bray Clay Tennis Courts	Construct four additional clay tennis courts. Includes irrigation, fencing and lighting.	270,000
35	GT Bray Ditch Piping	Install ditch piping between tennis courts and soccer fields to eliminate concrete swales outside of tennis courts.	250,000

**Manatee County
General Government
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
36	GT Bray Dog Park	Enlarge existing fenced dog park, includes large and small dog areas, pavillions, picnic tables, benches, water fountains, signage, sidewalks, seating, and trees.	300,000
37	GT Bray Dugout Replacements	Dugout replacements for softball fields (8) and baseball complex (8).	320,000
38	GT Bray Habitat Oasis	Convert unutilized area in GT Bray Park to include trails, learning stations, observation deck and ecological enhancements.	225,000
39	GT Bray LED Lighting	Lighting (LED) for one football field, two north soccer fields, two softball fields and skatepark area lighting.	1,770,000
40	GT Bray Parking Lot	Install solar powered parking lot and street lighting.	350,000
41	GT Bray Pavilion	Construct pavilion. Includes slab, prefabricated kit, paint and roofing.	100,000
42	GT Bray Skatepark Equipment Replacement & Upgrade	Remove, replace and upgrade existing skatepark equipment.	273,000
43	GT Bray Soccer Building	Bray soccer building replacement.	400,000
44	GT Bray Softball Concession	Demolish and remove existing building and construct ADA and fire code compliant concession building.	400,000
45	GT Bray T-Ball Fields Irrigation	Install irrigation and new sod.	75,000
46	GT Bray Tennis Courts	Remove and replace tennis courts.	225,000
47	Jiggs Landing Expansion	Acquire additional property north of Jiggs Landing. Includes construction of nature trail, camping facility, rental cabins, dockage, and ecological enhancements.	575,000
48	John H. Marble Facility Retrofit	Facility retrofit Phase II - picnic shelters, deck expansion.	500,000
49	John H. Marble Parking Lot	Repave parking lot.	150,000
50	John H. Marble Pavilion & Restroom	Replace pavilion with a new pavilion with restroom.	250,000
51	Kingfish Boat Ramp Restrooms	Construct new restrooms and upgrades.	200,000
52	Kinnan Park Phase I	Amenities to include wetland enhancement, perimeter trail and boardwalk, parking, trails and pavilions.	500,000
53	Lakewood Ranch Handball Court to Pickleball	Remove handball courts and replace with pickle ball.	300,000
54	Lakewood Ranch Park Dog Park w/Pavilion	Construct fenced in dog park. Includes large and small dog areas, pavilions, picnic tables, benches, water fountains, signage sidewalks, seating, and trees.	360,000
55	Lakewood Ranch Park Parking Lot	Reconstruct current parking lots.	250,000
56	Lakewood Ranch Park Restroom	Construct ADA restrooms near soccer fields.	250,000
57	Lakewood Ranch Shaded Playground	Destination shaded playground structure.	937,500
58	Lakewood Ranch Tennis Court Lighting	Upgrade tennis court lighting to LED.	250,000
59	Lakewood Ranch Tennis Courts	Remove and replace tennis courts.	225,000
60	Larry Borden Artifical Reef	Transport and placement of artifical reef materials.	300,000
61	Leffis Key Boardwalk	Reconstruct boardwalk decking and associated superstructure.	500,000
62	Lincoln Park Splash Park Expansion	Install additional splash park features.	300,000

Manatee County General Government Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
63	Marble Gymnasium Replacement	Replace gymnasium and renovate community center.	2,580,000
64	Marble Pool Renovation & Upgrade - Phase II	Construct splash pad, bathing area, deck, shade structures, pavilions and expand restrooms and office.	1,100,000
65	Myakka Park Restroom	Replace restroom and drinking water supply well.	200,000
66	Perico Preserve Trailhead	Construct restroom, water fountain, kiosk, bike racks, signage and fencing at the trail head.	400,000
67	Pride Park Trail Expansion	Installation of 500 linear feet of concrete trail.	60,000
68	Robinson Preserve Boardwalk	Reconstruct boardwalk decking.	500,000
69	Robinson Preserve Playgrounds & Tree Canopy	Construct three age specific playgrounds & tree canopy walk.	900,000
70	Sand/Clay Storage Bins	Construct concrete block storage bins for sand and clay at parks with athletic fields.	210,000
71	SR 64 Boat Ramp Restroom	Construct ADA compliant restrooms.	125,000
72	Ungarelli Preserve Recreational Improvements	Construct boardwalk and trail system. Includes kayak launch, parking areas, signage and a pavilion.	500,000
73	Washington Park Phase I	Site restoration, including dewatering, transportation and placement of dredged material from Port Manatee for filling of approximately 50 - 60 acres of marsh land.	250,000
74	Washington Park Phase II	Parking lot, restroom, pavilion, playground, walk trail and observation decks.	615,000
	General Government / Property Management		
1	Admin Building Parking Garage Addition	Eight floor expansion of the existing Administration Building parking garage.	4,000,000
2	Adult Care Facility	Construct facility to include commercial kitchen, dining area, therapy rooms, offices, conference areas, multi-purpose rooms, group exercise rooms, living spaces, parking, lighting, utilities and stormwater facilities.	2,100,000
3	Animal Adoption Center	Construct animal adoption facility to include holding areas, offices, care areas, ventilation, storage, cages, public areas, parking, lighting and stormwater.	1,500,000
4	Braden River Library Expansion	Construct addition to Braden River Library. Includes study/tutor rooms, business center/lab, additional shelving, and fencing.	500,000
5	Bradenton Area Convention Center - Land Improvements/Acquisition	Purchase adjacent property for development of hotel/retail space. Includes parking lot and stormwater system.	4,000,000
6	Central County Warehouse	Construct warehouse for general centralized storage. Includes offices and restrooms.	3,000,000
7	Chilled Water Pipe Connection Across Manatee Avenue	Extend chilled water connection from Admin Center parking garage under Manatee Avenue to the Judicial Center.	970,000

Manatee County General Government Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
8	Chilled Water Pipe Extension - Manatee Avenue West	Install chilled water pipe connection from plant loop to Central Library Annex, Historic Library, and Old City Hall properties.	980,000
9	Chilled Water Pipe Riser Upgrade	Upgrade current Judicial Center riser to provide chilled water services for future customers.	143,000
10	Convention Center Generator	Replace existing generator with larger generator.	500,000
11	County Records Storage Building	Purchase or lease existing facility for county records retention. Includes making facility ADA compliant.	500,000
12	Data Center Build Out - Public Safety Facility	Build out remaining space at the Public Safety Center for the IT data center.	2,450,000
13	East County Library	New east county library and community center.	1,200,000
14	First Union Building Demolition	Demolition of First Union Building. Includes abatement, utilities disconnection and salvage.	500,000
15	Health Department Generator	Replace existing generator that could power entire facility.	350,000
16	Library & Government Annex - East County	Construct two story building, including offices, restrooms, common areas, stormwater, utilities, parking lot and lighting. Does not include land purchase.	13,035,000
17	MCDF Fan Coil Unit Replacements	Replace 170 mounted ceiling fan coil units that have exceeded expected equipment life.	600,000
18	Merrill Lynch Building Renovation	Renovate to accommodate Employee Health Benefits, including a meeting room, fitness center, health clinic and connection to the Central Energy Plant.	4,120,192
19	Renovate Existing Animal Shelter	Renovate current Animal Control building.	1,000,000
20	Rocky Bluff Library Expansion	Expand library to include children's storyroom and Friends bookstore with outside entrance and replace HVAC.	500,000
21	Safety Upgrades at Old Jail Facility	Upgrade items to make old jail facility to code.	3,000,000
22	Storage Shed Replacement - 26th Avenue East (Public Works)	Replace equipment storage shed at Public Works facility.	1,187,000
23	Tax Collector Harden Computer Room	Construct 20' x 25' hardened room attached to current building for storm and fire protection for data center.	250,000
	General Government / Public Safety		
1	Computer Aided Dispatch (CAD) Disaster Recovery System	Disaster recovery system for Public Safety Center.	584,250
2	Computer Aided Dispatch (CAD) Software & Hardware Upgrade	Upgrade current system. Includes software and hardware.	1,500,000
3	EMS Bariatric/Training Unit	Ambulance with bariatric capability, and training equipment.	532,000
4	Public Safety Communication System Upgrades	Replace, upgrade and install new technology at Public Safety Center.	1,250,000
5	EOC Video System	Upgrade EOC video display, current system is analog and service providers are all moving to digital.	580,000
6	Marine Rescue Lifeguard Towers	Replace lifeguard towers.	1,000,000

**Manatee County
General Government
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
7	Next Gen 911	Provide Emergency Service Network that connects to all PSAP's.	3,895,000
	General Government / Sheriff's Office		
1	MSO Fleet Services Facility	Upgrade existing MSO fleet services facility to be specified by MSO.	7,216,250
2	MSO Helicopter Replacement	Replacement of current helicopter as specified by MSO.	4,000,000
3	MSO Jail Renovations & Improvements	Construct three story facility designed to house medical type inmates and juveniles. Renovations and improvements to include a medical wing, 2nd floor addition to medical center and other items to be determined.	16,063,200
4	MSO New Evidence Building	Construct three story facility adjacent to county bus terminal at MSO Operations Center. Includes freight elevator, and vehicle storage on first floor, and should have the ability for additional floors to be added in the future.	6,780,000
5	MSO New Location - District 1	20,000 sf addition to DeSoto Center.	3,296,250
6	MSO New Location - District 2	Demolish and rebuild 20,000 sf building.	3,296,250
7	MSO New Location - District 4	Construct 20,000 sf office location.	4,036,500

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
1	117th Street East Gatewood Drive to SR 64	Widen from 2 lanes to 4 lanes.	4,225,894
2	11th Ave E from 69th St Ct E to 72nd St Ct E	Road drainage and add sidewalk on one side.	156,000
3	14th Street West - 26th Avenue West to 39th Avenue West	Construct pedestrian crossings.	130,000
4	15 ST E @ US 301	Add southbound right turn lane.	327,000
5	15th Street East - 38th Avenue East	Construct signal and turn lane improvements.	385,418
6	15th Street East (301 Blvd) - Tallevast Rd to 1st St (US 41)	Construct 3 lane roadway with bike lanes and sidewalks.	63,000,000
7	18th St E from 2nd Ave E to US 41	Road drainage and add sidewalk on one side.	111,000
8	18th Street West - Cortez Road to 38th Avenue	Construct sidewalk on east side.	36,900
9	19th St W & E from 2nd Ave W to US 41	Road drainage and add sidewalk on one side.	209,000
10	1st Ave E from 17th St E to North DE	Road drainage and add sidewalk on one side.	547,000
11	1st Ave W from 63rd St NW to 59th St W	Add sidewalks on both sides.	175,000
12	20th St W & E from 2nd Ave W to US 41	Road drainage and add sidewalk on one side.	198,000
13	21st St W & E from 4th Ave W to US 41	Road drainage and add sidewalk on one side.	319,000
14	22nd St E from 1st Ave E to US 41	Road drainage and add sidewalk on one side.	123,000
15	22nd St W from Dead End to 2nd Ave W	Road drainage and add sidewalk on one side.	100,000
16	24th Avenue - US 301 to 29th Street	Construct a new 2 lane road.	12,182,882
17	25th St W & E from Bayshore Rd to 2nd Ave E	Add sidewalk on one side.	95,000
18	26th Ave E @ 27th St E	Upgrade to mast-arm supports and add separate northbound and southbound lefts.	1,756,000
19	26th Avenue East - 15th Street East to 45th Street East	Widen roadway to 24' and resurface over entire width. Construct closed drainage and re-grade to provide 8' shoulders.	3,500,000
20	26th St W @ 30th Ave W	Upgrade to mast-arm supports and add westbound left and right turn lanes.	1,103,000
21	26th St W @ 57th Ave W	Upgrade to mast-arm supports and add turn lane(s).	1,599,000
22	26th St W @ Bayshore Gardens Pkwy	Add turn lane(s).	654,000
23	26th St W from Cortez Rd to 21st Ave W	Add sidewalks on both sides.	528,000
24	26th Street West - 9th Avenue West	Extend left turn lanes and add right turn lanes.	1,242,246
25	27th Street East - 26th Avenue East to 38th Avenue East	Upgrade to mast arm support, construct left-turn and right-turn lane additions on northbound/southbound approaches, and right-turn lane additions on westbound/eastbound approaches.	30,800,000
26	27th Street East - 30th Avenue East	Construct left-turn lane addition on northbound approach and right-turn lane addition on eastbound/southbound approaches.	703,410
27	27th Street East - 9th Avenue East	Construct separate left-turn lane on all approaches.	523,617
28	2nd Ave E from 17th St E to 25th St E	Road drainage and add sidewalk on one side.	418,000
29	2nd Ave W from 17th st E to Dead End	Add sidewalk on one side.	259,000

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
30	2nd Avenue West from 17th Street East to End road	Road drainage and sidewalk.	345,000
31	301 Blvd from Tallevast Road to University Pkwy	Add sidewalk on west side. Complete sidewalk gaps on east side.	643,000
32	30th Ave E from 9th St E to 15th St E	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	5,189,000
33	30th Street East from 49th Ct. East to 8th Avenue East	Road drainage and sidewalk.	230,000
34	31st Street East from 9th Avenue Dr. East to 33rd Street East	Road drainage and sidewalk.	173,000
35	35th St W from 9th Ave W to 13th Ave W	Add sidewalk on one side.	103,000
36	36th St E (Prospect Rd) from Whitfield Ave to 70th Ave E (just South to existing sidewalk)	Road drainage and add sidewalk on one side.	171,000
37	36th St E (Prospect Rd) from Whitfield Ave to Cottages @ Blu Vista, North of 72nd Ave E	Road drainage and add sidewalk on one side.	168,000
38	37th St E from 38th Ave E to SR 70	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	12,971,000
39	39th Ave W from 63rd St W to 59th St W	Add sidewalk on one side.	103,000
40	3rd Ave E from 17th St E to 22nd St E	Road drainage and add sidewalk on one side.	259,000
41	3rd Ave W from 17th St E to 22nd St W	Road drainage and add sidewalk on one side.	235,000
42	42nd Ave W from 63rd St W to 59th St W	Add sidewalk on one side.	103,000
43	43rd Ave w from Cape Vista Dr to 51st St W	Add sidewalk on one side.	103,000
44	43rd St W @ 9th Ave W	Upgrade to mast-arm supports and add right turn lanes.	1,429,000
45	43rd St W from 36th Ave W to 9th Ave W	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	15,876,000
46	43rd St W from Cortez Rd to 53rd Ave W	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	11,207,000
47	44th Ave E from West of Mill Creek to Lorraine Road	Build new four lane road with standard travel lanes, bike lanes, sidewalks, and lighting.	7,564,000
48	45th St E from 44th Ave E to 26th Ave E	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	10,377,000
49	45th St E from 4th Ave E to End of Street	Road drainage and add sidewalk on one side.	173,000
50	49th Avenue East - Mendoza Road to Ellenton Gillette Road	Construct 2 lane roadway with 5' sidewalk, curb and gutter.	13,420,206
51	49th Avenue East - US 301 to Mendoza	Widen from 2 lanes to 4 lanes.	6,955,116
52	4th Ave E from 45th St E to 49th St e	Road drainage and add sidewalk on one side.	200,000
53	51st Ave E from US 301 to 33rd St E	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	5,500,000

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
54	51st St W from 21st Ave W to Cortez Road	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	13,386,000
55	51st St W from 32nd Ave Dr W to 26th Ave W	Add sidewalk on one side.	163,000
56	51st St W from 47th Ave W to Cortez Rd	Add sidewalk on one side.	143,000
57	51st St W from Cortez Road to 53rd Ave W	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	10,481,000
58	51st Street West - 53rd Avenue West	Construct southbound left turn lane.	543,300
59	53 AV W from 26 ST W to 30 ST W	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	3,743,000
60	53 AV W from US 41 to 26 ST W	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	10,797,000
61	53rd Ave W from 25th St W to US 41	Add sidewalk on one side.	282,000
62	53rd Avenue West - 20th Street West	Upgrade to mast arm support and construct right-turn lane on westbound approach.	533,996
63	53rd Avenue West - 26th Street West	Upgrade to mast arm support, and construct right-turn lane at all approaches.	1,323,066
64	53rd Avenue West - 30th Street West	Upgrade to mast arm support, construct right-turn lane on westbound approach, and left turn lane on eastbound approach.	669,412
65	54th Ct E from 74th Pl E to Woodlawn Cir W	Add sidewalk on one side.	63,000
66	55th Ave W from 26th St W to US 41	Road drainage and add sidewalk on one side.	556,000
67	55th St E from existing sidewalk to 65th Ter E	Add sidewalks on both sides.	144,000
68	59th St W from 33rd Ave Dr W to Cortez Road	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	7,783,000
69	59th St W from Manatee Ave W to 6th Ave NW	Add sidewalks on both sides.	393,000
70	59th St W from Sun Chase Apt to Cortez	Add sidewalk on one side.	99,000
71	59th Street W from Riverview Blvd to Manatee Ave W	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	10,169,000
72	5th Ave NW from 71st St NW to 75th St NW	Add sidewalk on one side.	103,000
73	60th Avenue East - US 301 to 69th Street East	Construct new 4 lane road.	23,000,000
74	61st Ave E from 1st St E to 5th St E	Add sidewalk on south side.	120,000
75	61st St E from Bayshore Rd to 16th Ave E	Road drainage and add sidewalk on one side.	412,000
76	63rd Ave E @ 9th St E	Add turn lane(s).	980,000
77	65th Ter E from 49th Ct E to Dead end	Add sidewalk on one side.	113,000
78	66th St Ct E / 64th St Ct E @ SR 64	Add northbound left and right turn lanes.	750,000
79	67th St W from Manatee Ave W to 5th Ave NW	Add sidewalks on both sides.	178,000

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
80	69th St Ct E from Bayshore Rd to End of Street	Add sidewalk on one side.	40,000
81	69th St E from Ellenton Gillette to I-75	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	8,405,000
82	69th St E from US 41 to Ellenton Gillette	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	9,754,000
83	69th Street / Erie Road - US 41 to US 301	Widen from 2 lanes to 4 lanes.	54,584,453
84	71st St E from Bayshore Rd to End of Street	Road drainage and add sidewalk on one side.	136,000
85	72nd St Ct E from Bayshore Rd to End of Street	Road drainage and add sidewalk on one side.	316,000
86	72nd St Ct E from Bayshore Rd to US 41	Road drainage and sidewalk.	518,000
87	72nd St E from Bayshore Rd to End of Street	Road drainage and add sidewalk on one side.	295,000
88	75th St W from Cortez Road to 53rd Ave W	Add sidewalks to both sides of the road.	416,000
89	7th Ave NW from 75th St NW to 71st St NW	Add sidewalks on both sides.	85,000
90	80th Ave Cir E from 55th St E to 55th st e	Add sidewalk on one side.	112,000
91	83rd St NW from existing s/w 1400 block to 17th Ave NW	Add sidewalk on one side.	53,000
92	8th Avenue East from 33rd Street East to 9th Avenue Dr East	Road drainage and sidewalk.	173,000
93	9th Ave NW from 71st St NW to 83rd St NW	Add sidewalk on one side.	312,000
94	9th Avenue West - 51st Street West Intersection	Install traffic signal.	250,000
95	9th St E @ 30th Ave E	Upgrade to mast-arm supports and add turn lane(s).	1,429,000
96	9th St W @ 30th Ave W	Add right turn lanes on all approaches.	654,000
97	9th Street East - 37th Avenue East Intersection	Install traffic signal.	328,358
98	9th Street East - US 301	Construct new sidewalk.	-
99	9th Street East at US 301 Railroad Improvements	Construct railroad crossing replacement surface over two sets of railroad tracks.	1,100,000
100	9th Street West - Cortez Road to 301 Boulevard	Construct sidewalk on east side.	102,200
101	Advanced Traffic Management System Countywide	Countywide construction of ATMS infrastructure.	500,000/yr
102	Bayshore Rd from 72nd St Ct E to US 41	Road drainage and add sidewalk on one side.	932,000
103	Baywalk Trail from USF/Crosley	Construct trail from USF to Crosley.	150,000
104	Bicycle System Improvements Countywide	Placing of bike racks and route signs throughout the county where needed.	100,000/year
105	Bourneside Road - University Parkway to SR 70	Widen from 2 lanes to 4 lanes.	19,368,676
106	Buckeye Road - US 41 to US 301	Widen from 2 lanes to 4 lanes.	33,543,026
107	Canal Road - Mendoza Road Intersection	Install traffic signal; align east and west approaches to intersection.	1,000,000
108	Canal Road - US 301 to Palm View Road	Widen from 2 lanes to 4 lanes.	27,292,226

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
109	Canal Road at CSX Crossing - US301/17th Street East	Construct railroad crossing replacement surface over two sets of railroad tracks.	110,000
110	Cape Vista Dr from 39th Ave W to 36th Ave Dr W	Add sidewalk on one side.	22,000
111	Cape Vista Dr from Cortez Rd to 38th Ave W	Add sidewalk on one side.	149,000
112	Carter Road - Erie Road to Buckeye Road	Widen from 2 lanes to 4 lanes.	16,023,178
113	Case Ave from Cornell Rd to Tulane Rd	Add sidewalk on one side.	18,000
114	Clay Gulley Road Repaving	Repave 2 lane road - 10 miles.	2,320,000
115	Columbia Dr from Florida Blvd to Bayshore Gardens Pkwy	Add sidewalk on one side.	249,000
116	Cornell Rd from Bayshore Gardens Pkwy to Case Ave	Add sidewalks on both sides.	102,000
117	CR 675 - US 301 to Rye Road	Widen from 2 lanes to 4 lanes.	35,215,776
118	Dartmouth Dr from Harvard Ave to Bayshore Gardens Pkwy	Add sidewalk on one side.	158,000
119	DeSoto and Green Bridge Dynamic Message Signs	Provide electronic signs on bridges to provide traffic and emergency information.	990,000
120	Duette Road Over Manatee River Bridge Replacement	Replace 35 foot bridge originally built in 1960.	955,000
121	Ellenton Gillette Road - US 301 to Moccasin Wallow Road	Construct 4 lane roadway with 5' sidewalk, curb and gutter.	49,709,130
122	Ellenton Gillette Road - US301 - Moccasin Wallow Road	Functional improvements to include widening of roadway, piping, and shoulder enhancement.	4,400,000
123	Ellenton Gillette Road @ Mendoza Road	Install signal and add turn lanes (partial funding in CIP).	484,000
124	Erie Road - 69th Street East - US301 - East/West Phase	Functional improvements to include widening of roadway, piping, and shoulder enhancement.	2,000,000
125	Erie Road @ US 301 Parrish	Align east and west approaches.	2,177,000
126	Experimental Farm Road Bridge Replacement (134005)	Replace aging steel structure.	1,000,000
127	Florida Boulevard Sidewalks	Add sidewalks (West of 26th Street West).	87,600
128	Fort Hamer Road - US 301 to Buckeye Road	Construct 4 lane roadway with 5' sidewalk, curb and gutter.	65,602,026
129	Fort Hamer Road - US 301 to Moccasin Wallow Road	Construct 4 lane roadway with pedestrian and bicycle lanes.	23,976,130
130	Georgia Ave from Bayshore Garden Pkwy to Bay Dr	Add sidewalk on one side.	590,000
131	Golf Course Road - Fort Hamer Road to CR 675	Widen from 2 lanes to 4 lanes.	30,901,843
132	Greenbrook Blvd from Lorraine Rd to Royal Turn Cir	Add sidewalk on north side.	115,000
133	Hamilton Way from Roosevelt Rd to Manatee Ave	Road drainage and add sidewalk on one side.	94,000
134	Harrison Ranch Blvd - US 301 to Erie Road	Widen from 2 lanes to 4 lanes.	16,727,493
135	Harvard Ave from Columbia Dr to Roslyn Ave	Add sidewalk on one side.	207,000
136	Honore Ave from 83 Ave E to Cooper Creek Blvd	Add two lanes to existing two lane roadway.	4,277,000
137	Honore Avenue @ Cooper Creek Blvd	Install traffic signal.	966,000
138	Idlewild Ct from 12th St E to 15th St E	Road drainage and add sidewalks on both sides.	371,000

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
139	Lakewood Ranch Blvd - Rangeland Parkway to SR 64	Widen from 4 lanes to 6 lanes.	33,933,230
140	Lakewood Ranch Boulevard Rebase	Rebase Lakewood Ranch Boulevard between SR64 and SR70.	1,220,000
141	Lena Road - SR 64 to SR 70	Complete north-south connection.	45,678,660
142	Lockwood Ridge Rd @ Whitfield Ext	Add turn lane(s).	1,307,000
143	Lorraine Rd @ 44th Ave E	Install traffic signal and add turn lanes.	1,697,000
144	Lorraine Rd @ Rangeland Pkwy	Install traffic signal and add turn lanes.	1,697,000
145	Lorraine Road - SR70 to SR 64	Construct 4 lane roadway with 5' sidewalk, curb and gutter.	40,304,700
146	Mendoza Road - US 19 to Victory Road	Widen from 2 lanes to 4 lanes.	39,265,590
147	Moccasin Wallow Road - US 41 to US 301	Widen from 4 lanes to 6 lanes.	70,030,319
148	Moccasin Wallow Road Ext. - US 301 to SR 62	Construct two lane road.	7,923,549
149	Morgan Johnson / Caruso Road - SR 70 to SR 64	Widen roadway to 24' and resurface over entire width. Construct closed drainage and re-grade to provide 8' shoulders.	7,200,000
150	Mulholland Road - Fort Hamer Road to CR 675	Widen from 2 lanes to 4 lanes.	30,197,528
151	Old Tampa Road from 89th Ave E to Chin Road	Add sidewalks to both sides of the road.	811,000
152	Palma Sola from 34th Ave W to 27th Ave W	Add sidewalk on one side.	522,000
153	Palmetto Fishing Pier (Green Bridge)	Rehab and renovate the Palmetto Fishing Pier (Green Bridge).	1,500,000
154	Piney Point Road Ext. (Port Connector) - US 41 to I-75	Construct four lane limited access roadway.	57,865,692
155	Red Rooster Rd from US 301 to Major Turner Run	Road drainage and add sidewalk on one side.	350,000
156	Roslyn Ave from Dartmouth Dr to Bayshore Gardens Pkwy	Add sidewalk on one side.	153,000
157	Rubonia Drainage/Sidewalks.Lighting	Improvements to drainage, sidewalks and lighting.	2,500,000
158	Rye Road - SR 64 to SR 62	Widen from 2 lanes to 4 lanes.	68,937,876
159	Sawgrass Road - Erie Road to Il Road	Widen from 2 lanes to 4 lanes.	26,816,877
160	School Drive from Lakewood Ranch Blvd to Mustang Alley	Add sidewalk on one side.	161,000
161	Sidewalk Improvements Countywide	Sidewalk improvements as needed - countywide.	300,000/year
162	Silverleaf Ave from US 301 to Ft Hamer Rd	Road drainage and add sidewalks on both sides.	265,000
163	Spencer Parrish Road - Golf Course Road to US 301	Widen from 2 lanes to 4 lanes.	19,762,636
164	SR 64 - 27th Street East to Carlton Arms	Construct sidewalks.	144,578
165	SR 64 - Lakewood Ranch Boulevard to Lorraine Road	Widen from 4 lanes to 6 lanes.	19,898,702
166	SR 70 - 30th St East intersection	Construct northbound & southbound dual left turn lanes and separate right turn lane.	575,000
167	SR 70 - 33rd St E	Traffic signal upgrades.	400,000
168	SR 70 - at Fairway Gardens	Traffic calming (speed reduction) improvement for safety at this non signalized intersection.	414,279
169	SR 70 - at Lockwood Ridge Rd (45th St E)	Construct separate northbound right lane.	217,400
170	SR 70 - Caruso Road	Traffic signal upgrades.	400,000

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
171	SR 70 - Lorraine Road to Dam Road	Widen from 2 lanes to 4 lanes.	24,207,994
172	Stanford Ave from 26th St W to Columbia Dr	Add sidewalk on one side.	72,000
173	Tallevast Road - US 41 to 301 Boulevard	Widen from 2 lanes to 4 lanes.	12,766,852
174	Tallevast Road @ Tuttle	Add separate northbound and southbound right turn lanes.	1,307,000
175	Tara Boulevard Bridge - Honore Ave to Linger Lodge Rd	Construct 2 lane bridge.	6,349,745
176	Transit Capital Improvements Countywide	Transit capital improvements as needed - countywide.	250,000/year
177	Tulane Ave from Georgia Ave to 26th St W	Add sidewalk on one side.	88,000
178	University - Market Street intersection	Add turn lanes and upgrade signal.	3,500,000
179	University / I-75 Area - Sidewalk, Bike Lanes, Multi-Use Trails	Bike-pedestrian connectivity.	333,635
180	Upper Manatee River Rd from Ft Hamer Bridge to Rye Rd	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	8,050,000
181	US 301 - 41st Avenue East to 51st Avenue East	Construct sidewalk.	460,000
182	US 301 - 51st Avenue East to 60th Avenue East	Construct sidewalk.	460,000
183	US 301 - 60th Avenue to Moccasin Wallow Road	Widen from 4 lanes to 6 lanes.	68,850,033
184	US 301 - Canal Road Intersection	Construct intersection.	300,000
185	US 301 - Haben Boulevard Intersection	Construct intersection.	703,410
186	US 301 - Moccasin Wallow Road North to County Line	Widen from 2 lanes to 4 lanes.	33,779,559
187	US 301 - University Parkway to 1st St	Widen from 4 lanes to 6 lanes.	74,751,464
188	US 41 - 49th Avenue West	Upgrade to mast arm support, construct right-turn lane all approaches, and left-turn lane on westbound approach.	1,389,691
189	US 41 - Bayshore Gardens Parkway	Construct traffic separator on south leg of intersection.	326,000
190	US 41 - Edwards Drive to Braden Avenue	Construct pedestrian crossings.	130,000
191	US 41 - Florida Boulevard	Upgrade to mast arm support, and construct right-turn lane on all approaches.	87,600
192	US 41 - Moccasin Wallow Rd	Construct westbound left and right turn lanes.	460,000
193	US 41 - Orlando Avenue	Upgrade to mast arm support, and construct right turn lane on all approaches.	917,992
194	US 41 - US 301 to 69th Street	Widen from 4 lanes to 6 lanes.	45,244,397
195	US 41 Transit Improvements	Service expansion in US 41 corridor.	1,510,000
196	Victory Rd from Mendoza to US 301	Upgrade road to current standards for travel lanes, sidewalks, bike lanes (or trail), and lighting.	8,094,000
197	Waterline Rd from Rye Rd to Dam Rd	Add sidewalk on one side.	1,028,000
198	White Eagle Blvd @ 44th Ave E	Install traffic signal.	966,000
199	White Eagle Blvd @ Malachite Rd	Install traffic signal.	966,000

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
200	Whitfield Avenue - 15th Street East to Lockwood Ridge Road	Widen from 2 lanes to 4 lanes.	22,802,214
201	Willow Ellenton Greenway	Construct multi-use trail (Regional).	2,700,000
202	Wilmerling Ave (65th Ave E) from 5th St E to End of road	Add sidewalks on both sides.	153,000
203	Woodlawn Cir S from Erie Rd to end of 79th Ave E	Add sidewalks on both sides.	361,000

**Manatee County
Utilities
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
	Utilities / Potable Water		
1	El Conquistador/34th St/53rd Ave 12" Water Line	Install water line on El Conquistador Parkway between the 5900 and 7400 blocks.	1,300,000
2	Tara Blvd Ext 12" Water Main Braden River	Connection of water line to Tara Boulevard Bridge, when constructed.	1,000,000
3	Buffalo Creek Wells/Brackish Reverse Osmosis Treatment	Construct water treatment plant to the R/O water treatment plant site.	36,000,000
4	Utilities Administration Building	Construct new administration building for Utilities.	10,000,000
	Utilities / Stormwater		
1	Stormwater Administration Operations Building	Construct new administration building for Stormwater Operations.	1,600,000
	Utilities / Wastewater		
1	MARS SEWRF 10 MG SGT - Tank 2	Construct 10 MG reclaimed water ground storage tank.	9,000,000
2	North Regional Water Reclamation Facility Expansion	Expand NWRF treatment processes.	20,000,000
3	Southeast Water Reclamation Facility Expansion	Expand SEWRF treatment processes.	20,000,000
4	Southwest Water Reclamation Facility Expansion	Expand SWWRF treatment processes.	20,000,000



Manatee County
Summary of Maintenance Projects
Programmed for FY17 - FY21

Line Number	Account Number	Project Description	FY17	FY18	FY19	FY20	FY21	Total FY17-FY21
		Transportation						
1	0019903	Countywide Bridge Rehabilitation	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
2	0019901	Countywide Intersections	300,000	300,000	300,000	300,000	300,000	1,500,000
3	0019900	Countywide Sidewalks	300,000	300,000	300,000	300,000	300,000	1,500,000
4	0019904	Local Road Resurfacing	1,562,692	1,562,692	1,562,692	1,562,692	1,562,692	7,813,460
5	0019905	Major Road Resurfacing	2,187,691	2,187,691	2,187,691	2,187,691	2,187,691	10,938,455
		Total Transportation Maintenance	\$ 4,850,383	\$ 4,850,383	\$ 4,850,383	\$ 4,850,383	\$ 4,850,383	\$ 24,251,915
		Potable Water						
1	0019600	Water Plant Renewal and Rehab	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 1,750,000
2	0019604	Water Distribution Improvements	350,000	350,000	350,000	350,000	350,000	1,750,000
3	0019605	Water Transmission Mains	300,000	300,000	300,000	300,000	538,600	1,738,600
4	0019606	Master Meter Renewal and Rehab	-	-	-	-	-	\$ -
5	0021400	Water Treatment Plant R&R	350,000	350,000	350,000	350,000	350,000	1,750,000
6	0021500	66th Street Complex R&R	50,000	50,000	50,000	50,000	50,000	250,000
7	5131470	WatMM:Replace LBK	250,000	250,000	250,000	250,000	250,000	1,250,000
		Total Potable Water Maintenance	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 1,650,000	\$ 1,888,600	\$ 8,488,600
		Wastewater						
1	0019708	Force Main Rehabilitation	186,000	724,000	241,400	160,000	350,000	1,661,400
2	0019713	Laterals Lining - Anna Maria	250,000	250,000	250,000	250,000	250,000	1,250,000
3	0019710	MARS Maintenance R&R	100,000	100,000	100,000	100,000	100,000	500,000
4	0019702	N WRF Maintenance R&R	100,000	100,000	100,000	100,000	100,000	500,000
5	0019701	SE WRF Maintenance R&R	100,000	100,000	100,000	100,000	100,000	500,000
6	0021301	Sewer - Master Lift Stations	600,000	600,000	600,000	600,000	600,000	3,000,000
7	0021306	Sewer - NWRF Maintenance	400,000	400,000	400,000	400,000	400,000	2,000,000
8	0021305	Sewer - Satellite Lift Stations	800,000	800,000	800,000	800,000	800,000	4,000,000
9	0021303	Sewer - SEWRF Maintenance	400,000	400,000	400,000	400,000	400,000	2,000,000
10	0021302	Sewer - SWWRF Maintenance	300,000	300,000	300,000	300,000	300,000	1,500,000
11	0019704	Sewer Line Extensions	100,000	100,000	100,000	100,000	100,000	500,000
12	0019703	Sewer Line Participation	100,000	100,000	100,000	100,000	100,000	500,000
13	0019705	Sewer Reconstruction	100,000	100,000	100,000	100,000	100,000	500,000
14	0021300	Sewer: Reconstruct	230,000	230,000	230,000	230,000	230,000	1,150,000
15	0019700	SW WRF Maintenance R&R	100,000	100,000	100,000	100,000	100,000	500,000
16	0019706	Upgrade Master Lift Stations	750,000	750,000	750,000	750,000	750,000	3,750,000
17	0019707	Upgrade Satellite Lift Stations	1,284,000	1,750,000	1,750,000	1,750,000	1,750,000	8,284,000



**Manatee County
Public Works Department
FY17 Resurfacing Priorities
Major and Local Roads**

Line Number	Major Roads	From	To
1	Tallevast	US 41	9th Ave E
2	34th St W	53rd Ave W	60th Ave W
3	Florida Blvd	34th ST W	26th St W
4	63rd Ave E	15th St E	21st St E
5	Clay Gully Road	Verna	West of M & J
6	15th St E	53rd Ave E	57th Ave E
7	Lakewood Ranch Blvd Sections	SR 64	SR 70
8	Moccassin Wallow Road	Carter Road	East 2300 LF
9	53rd Ave W	30th St W	14th St W
10	Golf Course Road	Rye Road	Jim Davis Road
11	El Conquistador Parkway	43rd St W	Bay Drive
14	51st Ave E	US 301	33rd St E
15	26th St W	9th Ave W	11th Ave W
	Local Roads	From	To
1	Bayshore Gardens Subdivision (Sections)	26th Street West	14th Street West
2	Greenfield Plantation Subdivision Phase II	SR 64	Upper Manatee River Road
3	39th St W	11th Ave W	15th Ave W
4	Mill Creek Subdivsion Phase III	Rye Road	Mill Run E
5	38th St W	Manatee Ave	15th Ave W
6	14th Ave W	39th St W	43rd St W
7	47th ST W	Manatee Ave	9th Ave W
8	7th Ave W	51st St W	46th St W
9	Alhambra	Palma Sola	75th St W
10	Sandstone Ave	Honore Ave	Anvil
11	Sagebrush Cir	Sandstorm Ave	Sandstorm Ave
12	Anvil Lane	Winslow St	Sandstorm Ave
13	Cayon St	Wagon Wheel Cir	Chaparral
14	Wagon Cir	Canyon	Canyou St
15	Bayou Estates North	36th St	6th pl

**Manatee County
Public Works Department
FY17 Resurfacing Priorities
Major and Local Roads**

Line Number	Major Roads	From	To
	Local Roads	From	To
16	Keen Road	Wauchula Rd	End
17	3rd Ave W	43rd St W	51st St W
18	61st St W	Manatee Ave	North end
19	27th Ave E	Moccasin Wallow	93rd St Ct E
20	95th St E	27th Ave E	93rd St Ct E
21	37th Ave E	64th St E	38th Ave E
22	39th Ave E	64th St E	40th Ave E
23	32nd St E	60th Ave E	31st St Ct E
24	31st St Ct E	60th Ave E	32nd St E
25	Braden Run	SR 70	Cypress Cir
26	34th St Ct E	77th Ave E	34th Ct E
27	33rd Lane E	77th Ave E	34th Ct E
28	8th Ave W	33rd St W	26th St W
29	29th Ave W	75th St W	Curve

**Manatee County
Public Works Department
FY17-21 Sidewalk Priorities**

Line Number	Sidewalk Project	From	To	Length (Linear Feet)	Located In School District
1	15th St E (East Side)	14th Avenue East	South to Existing Sidewalk	900	No
2	12th Street East (West Side)	57th Avenue East	61st Avenue East	2,700	No
3	36th Street East (Prospect) (East)	Whitfield	South to Existing Sidewalk	1,300	Yes
4	26th Street East	9th Avenue Drive East	15th Avenue East	2,300	No
5	Danny Drive	9th Street East	Magellan Drive	1,600	Yes
6	5th Street West (West Side)	26th Avenue West	28th Avenue West	500	Yes
7	69th Street East (North Side)	60th Avenue East (Moran Rd)	West to Existing Sidewalk	830	Yes
8	17th Street East (South Side)	42nd Avenue Drive East	East to Existing Sidewalk	1,800	Yes
9	Buffalo Road (East Side)	77th Street East	South to Existing Sidewalk	130	Yes



Manatee County Government

CIP Changes - All Categories

From FY17-21 Recommended to FY17-21 Adopted

Beginning:

Recommended FY17-21 CIP	\$	961,861,112

Additions:

Projects Added for FY17-FY21

No New Projects Added for FY17-21 Since Recommended		-

Total Projects Added for FY17 to CIP since 6/16 presentation	\$	-

Projects Added for FY16

44th Avenue East-45th Street-44th Avenue Plaza East-Water		300,300

Total Projects Added for FY16 to CIP since 6/16 presentation	\$	300,300

Adjustments:

Projects Adjusted from FY17-21 RC to FY17-21 AD

Funding Shifted from FY17 to FY16:

John H. Marble Pool Renovations		(147,000)

Subtotal - Funding Shifted from FY17 to FY16	\$	(147,000)

Updated Project Estimated Costs:

Accela Software Project		318,850

Central Computer Storage Upgrade		633,578

Anna Maria Island Beach Renourishment		(1,400,000)

Erosion Control Groins		1,400,000

Robinson Preserves Environmental Center/Parking Lot/Restrooms		50,000

69th Avenue Water Main Loop from 63rd Avenue West to US 41		1,121,000

Raw Water #2 Motor Control Component Replacement		545,000

Water Treatment Plant Motor Control Center "A" Replacement		760,000

44th Avenue East-44th Avenue Plaza East-Lakewood Ranch Boulevard		2,036,000

Force Main 13A Rehabilitation		500,000

MLS 1M Emergency Generator Replacement		120,000

Subtotal - Updated Project Estimated Costs	\$	6,084,428

Total Adjustments since 6/16/16 presentation	\$	5,937,428

Completions/Removals:	Projects Completed/Removed from FY17-21 RC to FY17-21 AD	
	University Parkyway at Waterview	(53,814)
	Total Completions/Removals since 6/16 presentation	\$ (53,814)
	Adopted FY17-21 CIP	\$ 968,045,026

Manatee County Capital Improvement Program Glossary of Terms

Appropriation

Legal authorization given by the County Commission to make expenditures and incur obligations using county funds.

Arterial Road

A route providing service which is relatively continuous and of relatively high traffic volume, long average trip length, high operating speed and high mobility importance. The primary purpose of arterials is to provide service to major traffic movements; access to abutting property is a subordinate purpose.

Beginning Fund Balance

The Ending Fund Balance of the previous period. (See Ending Fund Balance)

Bond

Written evidence of the issuer's obligation to repay a specified principal amount on a certain date (maturity date), together with interest at a stated rate, or according to a formula for determining that rate. Bonds are sometimes used as a source of financing for large scale or expensive projects to allow projects to proceed rather than wait until the funds can be accumulated.

Capital Budget

Financial plan of capital project expenditures for the fiscal year beginning October 1. It incorporates anticipated revenues and appropriations included in the first year of the five year Capital Improvement Program (CIP), and any anticipated unspent appropriation balances from the previous fiscal year. The capital budget is adopted by the Board of county Commissioners as a part of the annual county budget.

Capital Improvement

Physical assets constructed or purchased to provide, improve or replace a public facility, and which are large scale and high in cost. The cost of a capital improvement is generally nonrecurring and may require multi-year financing. Physical assets which have been identified as existing or projected needs in the individual Comprehensive Plan elements shall be considered capital improvements.

Capital Improvement Element (CIE)

The Capital Improvement Element of the Comprehensive Plan identifies projects and financing for projects that are required to provide services to the areas of the county where growth is occurring in order to maintain levels of service that are required by the Comprehensive Plan.

Capital Improvement Program (CIP)

A proposed plan, covering each year of a fixed period of years, for financing long-term work projects that lead to the physical development of county infrastructure. Manatee County develops a five year CIP.

Manatee County Capital Improvement Program Glossary of Terms

Capital Project

A non-recurring expenditure of \$250,000 or more for the construction, installation, or acquisition of capital facilities, or the acquisition of interests in land.

Capitalized

Term used to classify assets which have a useful life greater than one reporting period.

Comprehensive Plan

A document adopted by the Board of County Commissioners that sets forth goals, objectives and policies for future land use, and establishes level of service standards that will be needed to meet the infrastructure needs of the county.

Collector Road

A route providing service which is of relatively moderate average traffic volume, moderately average trip length, and moderately average operating speed. Traffic movement is a priority but there is a higher degree of land access than with an arterial road, allowing such a route to collect and distribute traffic between local roads or arterial roads and serve as a linkage between land access and mobility needs.

Concurrency

Level of service that is required to meet the specified level of service required by the Comprehensive Plan.

Contingency Funds

Monies set aside, consistent with statutory authority, which subsequently can be appropriated to meet unexpected needs.

Community Redevelopment Areas (CRAs)

Means of financing activities from the anticipated incremental increase in tax revenues resulting from the redevelopment of an area. Also known as Tax Increment Funds (TIFs).

Current Year Appropriation

The current year adopted budget adjusted to reflect any budget amendments done during the current fiscal year.

Debt Service

Payment of interest and principal on an obligation resulting from the issuance of bonds.

Deficit

Excess of expenditures over revenues.

Manatee County Capital Improvement Program Glossary of Terms

Department

Manatee County's organizational structure groups programs or divisions into departments by functional similarities. Departments report to the County Administrator.

Designated Funds

Funds that are set apart for a specific purpose to fund on-going or one-time expenditures. Examples are bond proceeds, reserves or "pay-as-you-go" reserves for future facility renewal and replacement projects found mostly in the Enterprise Funds.

Division

Divisions are the units of government which provide services directly to the public and other agencies. Divisions are organized within departments by functional similarity.

Ending Fund Balance

Funds carried over at the end of the fiscal year. Within the fund, the revenue on hand at the beginning of the fiscal year, plus revenues received during the year, less expenses equals ending fund balance. The Ending Fund Balance becomes the Beginning Fund Balance in the next fiscal year.

Enterprise Fund

A fund which pays for its cost of operations from user fees and does not generally receive property tax or general revenue support. County Enterprise Funds include Manatee County Public Utilities, Landfill, Golf Course, Civic Center, Port Authority, Stormwater Utilities, and Mass Transit.

Expenditure

Decrease in net financial resources. Expenditures include current operating expenses which require the current or future use of net current assets, debt service and capital outlay.

Fiscal Year

A twelve-month period (October 1 through September 30) at the beginning of which the county implements a new budget based on expected revenues and expenditures, and at the end of which the county determines its financial position and the results of its operations.

Fixed Assets

Accounting classification of assets such as property, plant, and equipment which are capitalized.

Fund

A self-balancing set of accounts designated and accounted for separately for the purpose of restricting specific revenues that are then spent for specific activities.

Manatee County Capital Improvement Program Glossary of Terms

Fund Balance

Amount available within a fund at the close of a fiscal period which can be carried over as non-recurring revenue for the upcoming fiscal period.

Funding Sources

Type or origination of funds to finance ongoing or one-time expenditures. Examples of CIP funding sources include, but are limited to, user fees, general revenues, gas taxes, grants, impact fees, contributions and bonds.

Generally Accepted Accounting Principles (GAAP)

Uniform minimum standards and guidelines for financial accounting and reporting as authorized by the Governmental Accounting Standards Board (GASB). The standards and guidelines include details practices and procedures and broad guidelines of general application.

General Revenue

The revenues of a government other than those derived from and retained in a proprietary, special revenue, or trust and agency fund. In Manatee County, the majority of general revenues come from ad valorem taxes.

Governmental Funds

Funds used to account for the acquisition, use and balances of expendable financial resources and the related current liabilities – except those accounted for in proprietary funds and fiduciary funds.

Impact Fees

Fees charged to developers and individuals to cover, in whole or part, the anticipated cost of improvements that will be necessary as a result of the development.

Interfund Transfers

Transfers of cash between funds without requirement for repayment.

Intergovernmental Revenues

Revenues received from other governments including the federal, state, and other local governmental entities.

Level of Service

An indicator of extent or degree of service which is, or will be, provided by a facility. Level of service standards, as used in the comprehensive plan, are targets or objective with which compliance is required. Levels of service are established using one or more infrastructure standards and may also include use of one or more performance standards.

Manatee County Capital Improvement Program Glossary of Terms

Local Road

A roadway providing service which is of relatively low traffic volume, short average trip length or minimal through traffic movements and high volume land access for abutting property.

Mandate

A requirement imposed by a legal act of the federal, state or local government.

Mass Transit

Passenger services provided by public, private or non-profit entities such as the following surface transit modes: commuter rail, rapid rail transit, light rail transit, light guideway transit, express bus and local fixed route or demand-response bus.

Operating Budget Impacts

Expenditures directly related to the cost of operating and/or maintaining the capital improvement upon completion of the project.

Paratransit

Transit service, including ridesharing, car or van pools, demand responsive buses, and other public transit services, which are characterized by their nonscheduled, non-fixed route nature.

Personal Services Expenditures

Expenditures for county employees including regular wages, overtime, contributions to the State Retirement System, Social Security, health and worker's compensation insurance premiums, and unemployment compensation costs.

Potable Water

Water which is satisfactory for drinking, culinary, and domestic purposes and which meets the appropriate requirements of the Florida Department of Environmental Regulation.

Potable Water Facilities

A system of structures designed, constructed or used to collect, treat or distribute potable water, which includes water wells, treatment plants, reservoirs, and distribution mains.

Preserve

Resource based preserve operated by the county for the primary purpose of environmental preservation and public enjoyment of environmentally sensitive lands.

Manatee County Capital Improvement Program Glossary of Terms

Prior Year Appropriation

Includes funds budgeted for projects in prior years or through a budget amendment done during the current year prior to the date of the Proposed CIP.

Project

See Capital Project.

Property (Ad Valorem) Taxes

Revenue which is collected on the basis of a tax rate applied to the taxable valuation of real property.

Proposed Budget

The budget submitted by the County Administrator to the Board of County Commissioners within 15 days after the certification of the ad valorem tax roll by the Property Appraiser.

Proprietary Fund

A set of segregated revenue and expenditure accounts, set up for the purpose of showing net income, financial position, and changes in financial position. Enterprise funds and internal service funds are proprietary funds.

Reserves

Included in this category are funds required to meet both anticipated and unanticipated needs; the balance of anticipated earmarked revenues not required for operation in the budget year; those required to be set aside by bond covenants, and accumulated funds set aside to finance capital construction on a pay-as-you-go basis.

Revenue

Taxes, fees, charges, special assessments, grants, and other funds collected and received by the county to support the services provided.

Right of Way

Land in which the state, county or municipality owns the fee simple title or has an easement dedicated or required for a transportation, utility or other use.

Solid Waste

Sludge from a waste treatment works, water supply treatment plant or air pollution control facility; or garbage, rubbish, refuse or other discarded material, including solid, liquid semisolid, or contained gaseous material resulting from domestic, industrial, commercial, mining, agricultural or governmental operations.

Manatee County Capital Improvement Program Glossary of Terms

Solid Waste Facilities

Structures or systems designed for the collection, processing or disposal of solid wastes, including hazardous wastes, and which includes transfer stations, processing plants, recycling plants and disposal systems.

Special Revenue Fund

A fund used to account for the proceeds of specific revenue sources (other than expendable trusts or major capital projects) that are legally restricted to expenditures for specified purposes.

Stormwater

The flow of water which results from a rainfall event.

Stormwater Runoff

Portion of precipitation which is not passed into the soil by infiltration, evaporated into the atmosphere, or entrapped by small surface depressions and vegetation, and which flows over the land surface during, and for a short duration following any rainfall.

Surplus

Excess of revenues over expenditures.

Taxes

Compulsory charges levied by a government for the purpose of financing services performed for the common benefit. Does not include user fees or special assessments.

Tax Increment Fund (TIF)

Means of financing activities from the anticipated incremental increase in tax revenues resulting from the redevelopment of an area. Also known as Community Redevelopment Areas (CRAs).

Tourist Development Tax

A tax collected on hotel rooms and other lodging rentals of six months or less. In Manatee County, one penny of the five cents collected is reserved for beach renourishment and beach improvement projects. Tourist tax monies other than this cent may be used for other tourist related projects or facilities.

Transfer

A movement of monies from one fund to another fund for the purpose of accurately accounting for expenditures. Transfers are expenditures to the fund they are being transferred from and revenues to the receiving fund. Because transfers are again budgeted as expenditures in the receiving fund, they are not included in the net budget to avoid counting the monies as expended twice.

Manatee County Capital Improvement Program Glossary of Terms

User Fees

The payment of a fee for direct receipt of a public service by the person benefiting from the service.

Unincorporated Municipal Services Taxing Unit

Unincorporated areas within Manatee County are within the Unincorporated Municipal Services Taxing Unit. Residents of the district are assessed a millage rate by the county to provide services which would be provided by a municipality if the areas were incorporated.

Voted Millage

Property tax levies authorized by voters within a taxing authority. Bond issues that are backed by property taxes are a common form of voted millage in the State of Florida. Such issues are called general obligation bonds and may be used to finance large capital projects.

Manatee County
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