

**Board of County Commissioners
Adopted
Capital Improvement Program
Fiscal Years 2016-2020**

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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. 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 the fall. Departments provide capital project submissions which are reviewed by the CIP coordinating committee representing various departments including Project Management, Utility Operations, Transportation, Mass Transit, Planning, Parks & Natural Resources and Financial Management. In early spring, the proposed 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, 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 2016, 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, 2015.
- 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 2017. 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 \$370,491,566. The authority established herein shall be implemented by subsequent resolutions of the Board of County Commissioners.

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Sources and Uses of All Funds Plan Summary

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	269,837,453	577,499,053	0	0	0	0	0	0	577,499,053
CRA Revenues	0	0	590,874	0	0	0	0	0	590,874
Contributions	0	0	0	0	0	0	5,000,000	0	5,000,000
Debt Proceeds	0	0	24,951,000	74,588,000	41,598,500	11,596,000	5,659,000	0	158,392,500
Facility Investment Fees	0	0	10,593,750	5,348,750	5,300,000	425,000	7,775,000	29,400,000	58,842,500
Florida Boating Improvement Program	0	0	112,500	0	850,000	0	0	0	962,500
Gas Taxes	0	0	1,875,000	445,000	947,700	2,680,600	0	0	5,948,300
Gen Fund/General Revenue	0	0	2,357,000	710,000	520,000	0	0	0	3,587,000
Grants	0	0	1,948,777	900,000	0	500,000	0	0	3,348,777
Impact Fees	0	0	5,012,940	750,000	1,780,000	9,750,000	0	0	17,292,940
Rates	0	0	35,617,775	12,677,290	24,309,660	27,059,500	25,249,450	35,480,450	160,394,125
Stormwater Capital Improvements	0	0	5,861,000	0	0	35,000	1,800,000	0	7,696,000
Utilities System Charges	0	0	1,185,000	5,800,000	1,000,000	169,000	475,000	0	8,629,000
West Coast Inland Navigational District	0	0	1,637,500	2,200,000	850,000	0	0	0	4,687,500
Total Source of Funds	269,837,453	577,499,053	91,743,116	103,419,040	77,155,860	52,215,100	45,958,450	64,880,450	1,012,871,069

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
General Government	29,664,368	71,415,008	7,322,000	5,710,000	520,000	0	0	0	84,967,008
Parks & Natural Resources	15,908,587	44,393,761	3,250,000	3,050,000	1,700,000	500,000	5,000,000	0	57,893,761
Potable Water	52,488,659	88,665,119	19,342,100	33,776,600	21,689,900	9,126,500	14,830,000	57,400,000	244,830,219
Solid Waste	7,874,074	11,215,000	1,185,000	5,800,000	1,000,000	169,000	475,000	0	19,844,000
Stormwater	25,841,542	27,010,111	5,861,000	0	0	35,000	1,800,000	0	34,706,111
Transportation	61,012,696	155,865,504	27,913,591	39,109,000	24,727,700	15,740,600	0	0	263,356,395
Wastewater	77,047,527	178,934,550	26,869,425	15,973,440	27,518,260	26,644,000	23,853,450	7,480,450	307,273,575
Total Use of Funds	269,837,453	577,499,053	91,743,116	103,419,040	77,155,860	52,215,100	45,958,450	64,880,450	1,012,871,069



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

General Government

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	29,664,368	71,415,008	0	0	0	0	0	0	71,415,008
Debt Proceeds	0	0	4,965,000	4,500,000	0	0	0	0	9,465,000
Gen Fund/General Revenue	0	0	2,357,000	710,000	520,000	0	0	0	3,587,000
Grants	0	0	0	500,000	0	0	0	0	500,000
Total Source of Funds	29,664,368	71,415,008	7,322,000	5,710,000	520,000	0	0	0	84,967,008

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
General Government	29,664,368	71,415,008	7,322,000	5,710,000	520,000	0	0	0	84,967,008
Total Use of Funds	29,664,368	71,415,008	7,322,000	5,710,000	520,000	0	0	0	84,967,008



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

General Government	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
General Government									
1 800 MHz Reband 2005 (6048102 / Existing)	62,776	304,922	0	0	0	0	0	0	304,922
2 Accela Software Project (6070210 / Existing)	0	671,629	0	0	0	0	0	0	671,629
3 BCC Video Security System (6086700 / Existing)	270,150	464,244	0	0	0	0	0	0	464,244
4 CAD Expansion (6083201 / Existing)	112,990	678,000	0	0	0	0	0	0	678,000
5 CPS/MSO Building (6073400 / Existing)	2,867,382	2,900,000	0	0	0	0	0	0	2,900,000
6 Central Computer Storage Upgrade (6087000 / Existing)	0	350,000	0	0	0	0	0	0	350,000
7 Central Library Renovation (6053104 / Existing)	171,559	390,649	0	0	0	0	0	0	390,649
8 Computer Aided Dispatch (CAD) Disaster Recovery System (6083202 / Requested)	0	0	100,000	650,000	0	0	0	0	750,000
9 County Financial System Upgrade (6066700 / Existing)	336,744	2,663,315	0	0	0	0	0	0	2,663,315
10 Detention Center Door Automation Control System Replacement (6005218 / Existing)	376,364	800,000	1,065,000	0	0	0	0	0	1,865,000
11 EOC Video System (GG01326 / Requested)	0	0	0	60,000	520,000	0	0	0	580,000
12 ESCO: Central Library (6005221 / Existing)	545,953	599,057	0	0	0	0	0	0	599,057
13 ESCO: County Admin Building (6005220 / Existing)	1,240,476	1,383,342	0	0	0	0	0	0	1,383,342
14 ESCO: DeSoto Center Building (6005223 / Existing)	262,869	297,015	0	0	0	0	0	0	297,015
15 ESCO: District Cooling Plant (6005219 / Existing)	6,854,476	9,163,113	0	0	0	0	0	0	9,163,113
16 ESCO: Elevators Admin Bldg & Parking Garage (6005225 / Existing)	198,162	974,060	0	0	0	0	0	0	974,060
17 ESCO: Fairgrounds Buildings (6005224 / Existing)	53,145	60,048	0	0	0	0	0	0	60,048
18 ESCO: Property Appraiser Building (6005222 / Existing)	39,194	44,285	0	0	0	0	0	0	44,285
19 Expansion of Fiber Network to South County/Crosley Estate (6087002 / Existing)	15,580	250,000	0	0	0	0	0	0	250,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

General Government	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
20 Jail Management Software System (6005226 / Requested)	0	0	1,200,000	0	0	0	0	0	1,200,000
21 MCDF - Infrastructure Equipment Upgrades (6005227 / Requested)	0	0	2,160,000	0	0	0	0	0	2,160,000
22 MCDF- AC Units Replacement at Stockade (6005214 / Existing)	57,219	60,230	0	0	0	0	0	0	60,230
23 MCDF- Air Handling Unit Replacement (6005217 / Existing)	2,365,297	2,519,824	0	0	0	0	0	0	2,519,824
24 MCDF- Chiller Plant Emergency Power (6005216 / Existing)	592,008	623,166	0	0	0	0	0	0	623,166
25 MCDF- Chiller Plant Retrofit and Modification (6005209 / Existing)	2,232,928	2,350,450	0	0	0	0	0	0	2,350,450
26 MCDF- Domestic Water Conservation (6005211 / Existing)	37,006	38,954	0	0	0	0	0	0	38,954
27 MCDF- HVAC Controls and EMS Cost (6005213 / Existing)	294,038	309,514	0	0	0	0	0	0	309,514
28 MCDF- Institutional Water Conservation Controls (6005212 / Existing)	1,226,375	1,378,188	0	0	0	0	0	0	1,378,188
29 MCDF- Outdoor Lighting (6005210 / Existing)	187,459	197,325	0	0	0	0	0	0	197,325
30 MCDF- Power Transformers Replacement (6005215 / Existing)	197,123	197,123	0	0	0	0	0	0	197,123
31 Next Generation 911 (6070402 / Existing)	0	999,989	0	5,000,000	0	0	0	0	5,999,989
32 P-25 Radio Project (6048105 / Existing)	17,433	15,000,000	0	0	0	0	0	0	15,000,000
33 Relocate Data Center Backup (6081600 / Existing)	1,355,492	1,492,112	0	0	0	0	0	0	1,492,112
34 Replacement/Upgrade County Internet Infrastructure (6087001 / Existing)	49,226	250,000	0	0	0	0	0	0	250,000
35 Supervisor of Elections Office Renovations (6086600 / Existing)	307,586	714,800	97,000	0	0	0	0	0	811,800
36 Tax Collector Annex (6073300 / Existing)	421,022	575,000	2,700,000	0	0	0	0	0	3,275,000
37 Transit Facility - Administration Building (6083902 / Existing)	2,818,937	12,378,471	0	0	0	0	0	0	12,378,471
38 Transit Facility - Covered Bus Wash (6083904 / Existing)	195,993	749,388	0	0	0	0	0	0	749,388
39 Transit Facility - Covered Fuel Site (6083903 / Existing)	303,571	1,571,618	0	0	0	0	0	0	1,571,618

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

General Government	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
40 Transit Facility - FTA Ineligible Expenses (6083907 / Existing)	48,102	1,166,417	0	0	0	0	0	0	1,166,417
41 Transit Facility - Logistics Building (6083908 / Existing)	209,965	248,760	0	0	0	0	0	0	248,760
42 Transit Facility - Transit/Fleet Maintenance Building (6083901 / Existing)	1,627,257	1,000,000	0	0	0	0	0	0	1,000,000
43 Upgrade of County Core Network (6087003 / Existing)	0	600,000	0	0	0	0	0	0	600,000
44 VoIP Initiative (6085600 / Existing)	1,712,511	5,000,000	0	0	0	0	0	0	5,000,000
General Government	29,664,368	71,415,008	7,322,000	5,710,000	520,000	0	0	0	84,967,008



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6048102	800 MHz Reband 2005																																																																																															
Status: Existing Initial Year: 2005 Countywide Location: Countywide																																																																																																	
Comprehensive Plan Information		Project Mgr: Paul Alexander																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need																																																																																																	
Scope		Project Map																																																																																															
Reconfiguration of all systems and radio devices in the 800 MHz band.																																																																																																	
Rationale																																																																																																	
The reconfiguration is required by the FCC. Manatee County must comply to retain broadcast licensing.																																																																																																	
Funding Strategy																																																																																																	
The county has signed a Frequency Reconfiguration Agreement with Sprint/Nextel to complete the ReBanding process, using an outside vendor and consultant. All costs are reimbursed by Sprint/Nextel.																																																																																																	
<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;">FY2016</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;">Future</th> <th style="text-align: center;">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>10/01/08</td> <td>12/31/15</td> <td style="text-align: center;">62,776</td> <td style="text-align: center;">304,922</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;">304,922</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>06/06/05</td> <td>12/31/15</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;">62,776</td> <td style="text-align: center;">304,922</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;">304,922</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	10/01/08	12/31/15	62,776	304,922	0	0	0	0	0	0	304,922	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	06/06/05	12/31/15	0	0	0	0	0	0	0	0	0	Totals:			62,776	304,922	0	0	0	0	0	0	304,922
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	10/01/08	12/31/15	62,776	304,922	0	0	0	0	0	0	304,922																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	06/06/05	12/31/15	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			62,776	304,922	0	0	0	0	0	0	304,922																																																																																						
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Operating Capital:					All Prior Funding																																																																																												
Operating Total:					Total Funding:																																																																																												
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	01/01/16	0	671,629	0	0	0	0	0	0	671,629
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	01/01/16	0	0	0	0	0	0	0	0	0
Totals:			0	671,629	0	0	0	0	0	0	671,629
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						671,629
					Total Funding:						671,629

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/14	06/30/15	32,644	250,000	0	0	0	0	0	0	250,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	09/30/15	156,530	194,000	0	0	0	0	0	0	194,000
Equipment:	10/01/13	09/30/15	63,888	14,244	0	0	0	0	0	0	14,244
Project Mgt.:	10/01/14	09/30/15	17,088	6,000	0	0	0	0	0	0	6,000
Totals:			270,150	464,244	0	0	0	0	0	0	464,244
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 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: Paul Alexander																																																																																															
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.																																																																																																	
Funding Strategy																																																																																																	
General Revenues 911 Revenues																																																																																																	
<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;">FY2016</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;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td></td> <td></td> <td style="text-align: center;">2,016</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>01/01/15</td> <td>12/31/17</td> <td style="text-align: center;">110,974</td> <td style="text-align: center;">534,200</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;">534,200</td> </tr> <tr> <td>Equipment:</td> <td>01/01/15</td> <td>12/31/17</td> <td style="text-align: center;">0</td> <td style="text-align: center;">143,800</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;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">143,800</td> </tr> <tr> <td>Project Mgt.:</td> <td>01/01/15</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;">112,990</td> <td style="text-align: center;">678,000</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;">0</td> <td style="text-align: center;">678,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:			2,016	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	110,974	534,200	0	0	0	0	0	0	534,200	Equipment:	01/01/15	12/31/17	0	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:			112,990	678,000	0	0	0	0	0	0	678,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:			2,016	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	110,974	534,200	0	0	0	0	0	0	534,200																																																																																						
Equipment:	01/01/15	12/31/17	0	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:			112,990	678,000	0	0	0	0	0	0	678,000																																																																																						
Operating Budget Impacts																																																																																																	
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Operating Capital:					All Prior Funding																																																																																												
Operating Total:					Total Funding:																																																																																												
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6073400		CPS/MSO Building						
Status: Existing Initial Year: 2015 Countywide Location: 3526 9th Street, Bradenton											
Comprehensive Plan Information					Project Mgr: Tom Yarger						
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope					Project Map						
Purchase and renovation of existing building to house Child Protective Services and a portion of the Manatee Sheriff's Office. The lease at the current facility housing these functions ends in June 2015.											
Rationale											
The lease at the current facility housing Child Protective Services (CPS) ends in June 2015. The funds from CPS for space rental will be used towards paying off the purchase and renovation costs of the new facility.											
Funding Strategy											
General Revenues											
Schedule of Activities					Programmed Funding						
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:			29,827	0	0	0	0	0	0	0	0
Land:			389,152	0	0	0	0	0	0	0	0
Construction:	04/01/15	09/30/16	2,448,403	2,900,000	0	0	0	0	0	0	2,900,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/15	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			2,867,382	2,900,000	0	0	0	0	0	0	2,900,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	25,000	25,000	25,000	25,000							
Operating Capital:											
Operating Total:	25,000	25,000	25,000	25,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,900,000
					Total Funding:						2,900,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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		Project Map				
Replacement and upgrade of current computer core network system.						
Rationale						
Increase operation and efficiency of computer core network system.						
Funding Strategy						
General Revenues						
Schedule of Activities		Programmed Funding				
Activity	From To	Expended to Date Prior Year Approp. FY2016 FY2017 FY2018 FY2019 FY2020 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 06/30/15	0 350,000 0 0 0 0 0 0 350,000				
Project Mgt.:	03/03/14 06/30/15	0 0 0 0 0 0 0 0 0				
Totals:		0 350,000 0 0 0 0 0 0 350,000				
Operating Budget Impacts						
	FY2017	FY2018	FY2019	FY2020	Means of Financing	
Personal:					Funding Sources Amount	
Non-Personal:					All Prior Funding 350,000	
Operating Capital: _____					Total Funding: 350,000	
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 sprinklers 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 																																																																																																	
<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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</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>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>02/01/15</td> <td>09/30/15</td> <td style="text-align: right;">168,398</td> <td style="text-align: right;">362,149</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;">362,149</td> </tr> <tr> <td>Equipment:</td> <td>01/31/15</td> <td>05/31/15</td> <td style="text-align: right;">3,162</td> <td style="text-align: right;">28,500</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;">28,500</td> </tr> <tr> <td>Project Mgt.:</td> <td>02/01/15</td> <td>09/30/15</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>Totals:</td> <td></td> <td></td> <td style="text-align: right;">171,559</td> <td style="text-align: right;">390,649</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;">390,649</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	168,398	362,149	0	0	0	0	0	0	362,149	Equipment:	01/31/15	05/31/15	3,162	28,500	0	0	0	0	0	0	28,500	Project Mgt.:	02/01/15	09/30/15	0	0	0	0	0	0	0	0	0	Totals:			171,559	390,649	0	0	0	0	0	0	390,649
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	168,398	362,149	0	0	0	0	0	0	362,149																																																																																						
Equipment:	01/31/15	05/31/15	3,162	28,500	0	0	0	0	0	0	28,500																																																																																						
Project Mgt.:	02/01/15	09/30/15	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			171,559	390,649	0	0	0	0	0	0	390,649																																																																																						
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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

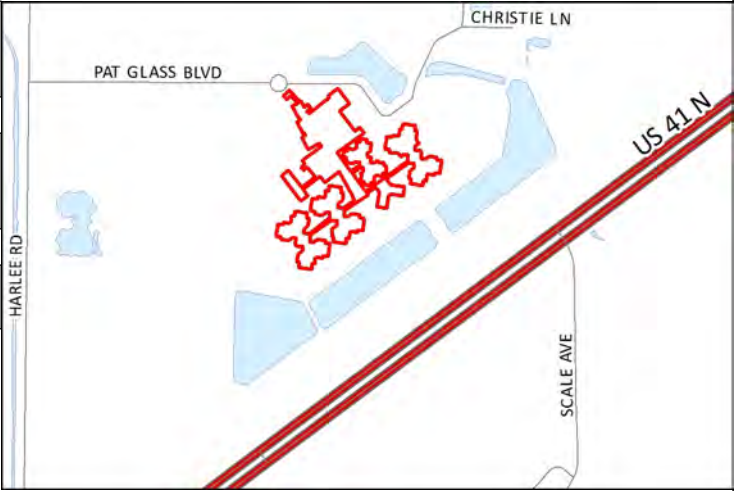
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6083202	Computer Aided Dispatch (CAD) Disaster Recovery System									
Status: Requested Initial Year: 2016 Countywide Location: Public Safety Center											
Comprehensive Plan Information		Project Mgr: Paul Alexander									
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 location 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	0	0	100,000	650,000	0	0	0	0	750,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	100,000	650,000	0	0	0	0	750,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	0	190,000	190,000	190,000							
Operating Capital:											
Operating Total:	0	190,000	190,000	190,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Gen Fund/General Revenue						750,000
					Total Funding:						750,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Growth											
Scope											
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											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	02/01/16	43,005	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	02/01/16	293,739	2,663,315	0	0	0	0	0	0	2,663,315
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	02/01/16	0	0	0	0	0	0	0	0	0
Totals:			336,744	2,663,315	0	0	0	0	0	0	2,663,315
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	125,000	125,000	125,000	0							
Operating Capital:											
Operating Total:	125,000	125,000	125,000	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 2016 - 2020 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						Project Map					
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. 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								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	05/01/14	10/31/14	78,112	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	388,000	561,000	0	0	0	0	0	949,000
Equipment:	04/01/14	09/30/16	137,895	0	492,000	0	0	0	0	0	492,000
Project Mgt.:	10/01/13	09/30/16	138	12,000	12,000	0	0	0	0	0	24,000
Totals:			376,364	800,000	1,065,000	0	0	0	0	0	1,865,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						800,000
					Debt Proceeds						1,065,000
					Total Funding:						1,865,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# GG01326	EOC Video System																																																																																															
Status: Requested Initial Year: 2017 Countywide Location: 2101 47th Terrace East, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Robert Smith																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Upgrade the Emergency Operations Center (EOC) video display system. Project Map 																																																																																																	
Rationale The current EOC video system is an analog system. Within the next few years, service providers will be migrating to 100% digital. This digital migration will limit and hinder the ability of the EOC to maintain situational awareness.																																																																																																	
Funding Strategy General Revenues																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/16	09/30/18	0	0	0	40,000	0	0	0	0	40,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/16	09/30/18	0	0	0	0	500,000	0	0	0	500,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/16	09/30/18	0	0	0	20,000	20,000	0	0	0	40,000																																																																																						
Totals:			0	0	0	60,000	520,000	0	0	0	580,000																																																																																						
<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>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Funding Sources</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> <td></td> <td>Gen Fund/General Revenue</td> <td>580,000</td> </tr> <tr> <td>Non-Personal:</td> <td style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">25,000</td> <td style="text-align: right;">25,000</td> <td>Total Funding:</td> <td>580,000</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 style="text-align: right;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">25,000</td> <td style="text-align: right;">25,000</td> <td></td> <td></td> </tr> <tr> <td>No.of Positions:</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></td> <td></td> </tr> </tbody> </table>			Operating Budget Impacts					Means of Financing			FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount	Personal:					Gen Fund/General Revenue	580,000	Non-Personal:	0	0	25,000	25,000	Total Funding:	580,000	Operating Capital:							Operating Total:	0	0	25,000	25,000			No.of Positions:	0	0	0	0																																																
Operating Budget Impacts					Means of Financing																																																																																												
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Personal:					Gen Fund/General Revenue	580,000																																																																																											
Non-Personal:	0	0	25,000	25,000	Total Funding:	580,000																																																																																											
Operating Capital:																																																																																																	
Operating Total:	0	0	25,000	25,000																																																																																													
No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005221	ESCO: Central Library									
Status: Existing Initial Year: 2014 District 2 Location: Downtown Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Energy conservation measures including controls, transformers, water, and HVAC for the Central Library.											
Rationale											
The Central Library building is a two-story structure built in 1975 and no longer operates efficiently. Implementing the planned energy conservation measures will upgrade the building, eliminate continuous repairs and replace outdated mechanical operating assets.											
Funding Strategy											
Debt Proceeds											
Project Map 											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	05/01/14	12/31/15	545,953	599,057	0	0	0	0	0	0	599,057
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0
Totals:			545,953	599,057	0	0	0	0	0	0	599,057
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						599,057
					Total Funding:						599,057

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005220	ESCO: County Admin Building									
Status: Existing Initial Year: 2014 District 2 Location: 1112 Manatee Avenue West, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Add Energy Conservation Measures (ECM) to the County Administration Building, the Merrill Lynch Building and the Public Safety Center. ECM's include lighting, water, HVAC, transformers, load controls and meter consolidation.											
Rationale											
The Administration Building, which was built in 1986, is predominantly office spaces of both open floor and closed door offices. The building is occupied typically from 8:00 am - 5:00 pm on weekdays. The Merrill Lynch building currently is occupied by Animal Services and Employee Health Benefits. Both facilities are operating inefficiently, with frequent equipment failures. The Public Safety Center (PSC) has equipment that will be upgraded so the county can utilize load control measures at the PSC to increase utility savings.											
Funding Strategy											
Debt Proceeds General Revenues											
Schedule of Activities											
Activity	From	To	Expenditures to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	05/01/14	12/31/15	1,240,476	1,383,342	0	0	0	0	0	0	1,383,342
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0
Totals:			1,240,476	1,383,342	0	0	0	0	0	0	1,383,342
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,383,342
					Total Funding:						1,383,342

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005223	ESCO: DeSoto Center Building									
Status: Existing Initial Year: 2014 District 2 Location: 600 Highway 301 Boulevard West, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Provide lighting, load control and water energy conservation measures for the DeSoto Center building. This will reduce operating costs and provide energy sustainability improvements for air conditioning, lighting and water controls.											
Rationale											
The DeSoto Center is a former strip shopping mall with two story anchors at each end and a Manatee County Area Transit bus depot in the parking lot. The Sheriff's Office and Supervisor of Elections occupy the building.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	05/01/14	12/31/15	262,869	297,015	0	0	0	0	0	0	297,015
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0
Totals:			262,869	297,015	0	0	0	0	0	0	297,015
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						297,015
					Total Funding:						297,015

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005219	ESCO: District Cooling Plant																																																																																															
Status: Existing Initial Year: 2014 District 2 Location: Downtown 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 at 323 9th Street West, Bradenton. Cooling towers will be located on the roof, and there will be an additional bay for a future 500 ton water cooled chiller.																																																																																																	
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																																																																																																	
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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>05/01/14</td> <td>12/31/15</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>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>05/01/14</td> <td>12/31/15</td> <td style="text-align: right;">6,854,476</td> <td style="text-align: right;">9,163,113</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;">9,163,113</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>05/01/14</td> <td>12/31/15</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>Totals:</td> <td></td> <td></td> <td style="text-align: right;">6,854,476</td> <td style="text-align: right;">9,163,113</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;">9,163,113</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0	Land:			0	0	0	0	0	0	0	0	0	Construction:	05/01/14	12/31/15	6,854,476	9,163,113	0	0	0	0	0	0	9,163,113	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0	Totals:			6,854,476	9,163,113	0	0	0	0	0	0	9,163,113
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	05/01/14	12/31/15	6,854,476	9,163,113	0	0	0	0	0	0	9,163,113																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			6,854,476	9,163,113	0	0	0	0	0	0	9,163,113																																																																																						
Operating Budget Impacts																																																																																																	
	FY2017	FY2018	FY2019	FY2020																																																																																													
Personal:																																																																																																	
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Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005225	ESCO: Elevators Admin Bldg & Parking Garage									
Status: Existing Initial Year: 2014 District 2 Location: 1112 Manatee Avenue West, Bradenton											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Replace the three elevators in the County Administration building and replace the two elevators in the adjoining parking garage.											
Rationale											
Replacement of the elevators in the Admin Building and attached parking garage will improve efficiency and also bring elevators up to ADA code.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	05/01/14	12/31/15	198,162	974,060	0	0	0	0	0	0	974,060
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0
Totals:			198,162	974,060	0	0	0	0	0	0	974,060
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						974,060
					Total Funding:						974,060

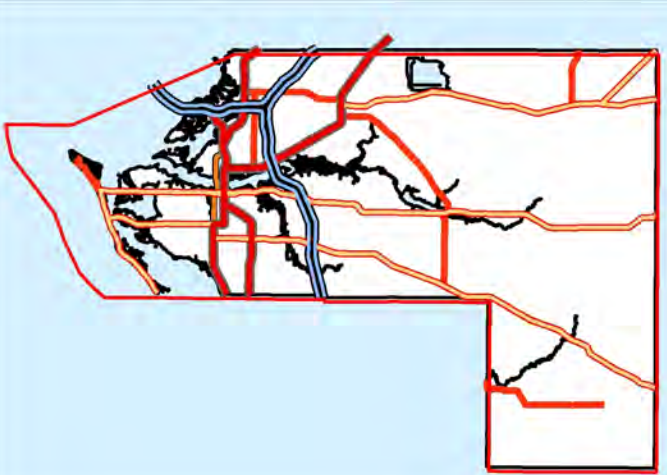
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005224	ESCO: Fairgrounds Buildings									
Status: Existing Initial Year: 2014 District 2 Location: 1402 14th Avenue West, Palmetto											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Provide energy conservation measures for lighting, water, and HVAC at three buildings at the fairgrounds area, including the Kendrick, Chaires and Administration buildings.											
Rationale											
The Kendrick, Chaires, and Administration buildings have inefficient, outdated lighting, water, and HVAC equipment which require frequent repair and maintenance. With the implementation of these energy conservation measures, operations will be more efficient and require less repair and maintenance.											
Funding Strategy											
Debt Proceeds											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	05/01/14	12/31/15	53,145	60,048	0	0	0	0	0	0	60,048
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/14	12/31/15	0	0	0	0	0	0	0	0	0
Totals:			53,145	60,048	0	0	0	0	0	0	60,048
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						60,048
					Total Funding:						60,048

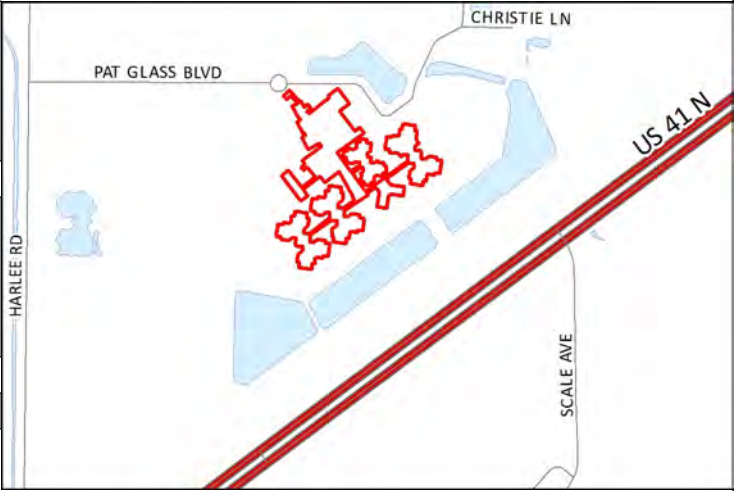
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005222	ESCO: Property Appraiser Building																																																															
Status: Existing Initial Year: 2014 District 2 Location: 915 4th Avenue West, Bradenton																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																	
Scope		Project Map																																																															
Provide energy conservation measures for lighting, transformers, water and HVAC for the Property Appraiser building. This facility will be cooled by the Chiller Energy Plant and will eliminate the current need for the First Union building's cooling tower.																																																																	
Rationale																																																																	
This building was originally constructed in 1956 with an addition in 1978, and a renovation in 1996. It currently depends on the cooling tower on the First Union building. Providing the energy conservation measures will upgrade the building, reduce costs, and increase efficiency.																																																																	
Funding Strategy																																																																	
Debt Proceeds																																																																	
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;">FY2016</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;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Design:</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 style="text-align: center;">Land:</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 style="text-align: center;">Construction:</td> <td style="text-align: center;">05/01/14 12/31/15</td> <td style="text-align: center;">39,194</td> <td style="text-align: center;">44,285</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;">44,285</td> </tr> <tr> <td style="text-align: center;">Equipment:</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 style="text-align: center;">Project Mgt.:</td> <td style="text-align: center;">05/01/14 12/31/15</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;">Totals:</td> <td></td> <td style="text-align: center;">39,194</td> <td style="text-align: center;">44,285</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;">44,285</td> </tr> </tbody> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	0	0	0	0	0	0	0	0	Land:	0	0	0	0	0	0	0	0	Construction:	05/01/14 12/31/15	39,194	44,285	0	0	0	0	44,285	Equipment:	0	0	0	0	0	0	0	0	Project Mgt.:	05/01/14 12/31/15	0	0	0	0	0	0	0	Totals:		39,194	44,285	0	0	0	0	44,285
Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:	0	0	0	0	0	0	0	0																																																									
Land:	0	0	0	0	0	0	0	0																																																									
Construction:	05/01/14 12/31/15	39,194	44,285	0	0	0	0	44,285																																																									
Equipment:	0	0	0	0	0	0	0	0																																																									
Project Mgt.:	05/01/14 12/31/15	0	0	0	0	0	0	0																																																									
Totals:		39,194	44,285	0	0	0	0	44,285																																																									
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Personal:					Funding Sources Amount																																																												
Non-Personal:					All Prior Funding 44,285																																																												
Operating Capital:					Total Funding: 44,285																																																												
Operating Total:																																																																	
No. of Positions:	0	0	0	0																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6087002		Expansion of Fiber Network to South County/Crosley Estate												
Status: Existing Initial Year: 2014 District 4 Location: South County																	
Comprehensive Plan Information								Project Mgr: Paul Alexander									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need																	
Scope						Project Map											
Expansion of current fiber network in to the area of Southwest Manatee County to provide connectivity to the Crosley Estate in to the county network and provide internet service and other computer related services.																	
												Rationale					
												Increase service level and internet connectivity to South County and Crosley Estate areas.					
Funding Strategy																	
General Revenues																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	03/03/14	06/30/17	15,580	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:	08/01/15	06/30/17	0	250,000	0	0	0	0	0	0	250,000						
Project Mgt.:	03/03/14	06/30/17	0	0	0	0	0	0	0	0	0						
Totals:			15,580	250,000	0	0	0	0	0	0	250,000						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
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						

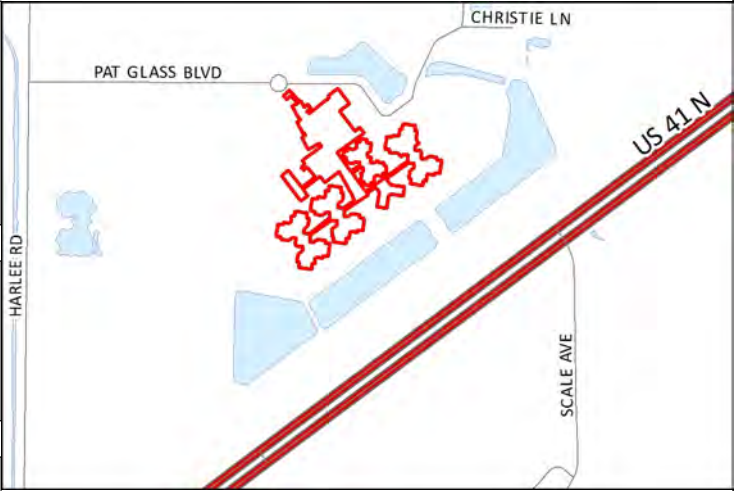
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005226	Jail Management Software System																																																															
Status: Requested 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																																																															
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%;">FY2016</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%;">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></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>10/01/14 09/30/16</td> <td>0</td> <td>0</td> <td>1,200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,200,000</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/14 09/30/16</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>0</td> <td>0</td> <td>1,200,000</td> <td>0</td> <td>0</td> <td>0</td> <td>1,200,000</td> </tr> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:		0	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:		0	0	0	0	0	0	0	Equipment:	10/01/14 09/30/16	0	0	1,200,000	0	0	0	1,200,000	Project Mgt.:	10/01/14 09/30/16	0	0	0	0	0	0	0	Totals:		0	0	1,200,000	0	0	0	1,200,000
Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:		0	0	0	0	0	0	0																																																									
Equipment:	10/01/14 09/30/16	0	0	1,200,000	0	0	0	1,200,000																																																									
Project Mgt.:	10/01/14 09/30/16	0	0	0	0	0	0	0																																																									
Totals:		0	0	1,200,000	0	0	0	1,200,000																																																									
Operating Budget Impacts		Means of Financing																																																															
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">FY2017</th> <th style="width: 25%;">FY2018</th> <th style="width: 25%;">FY2019</th> <th style="width: 25%;">FY2020</th> </tr> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Personal:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Capital:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Total:</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> </tr> </table>	FY2017	FY2018	FY2019	FY2020	Personal:				Non-Personal:				Operating Capital:				Operating Total:				No. of Positions:	0	0	0	<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>Debt Proceeds</td> <td style="text-align: right;">1,200,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">1,200,000</td> </tr> </table>	Funding Sources	Amount	Debt Proceeds	1,200,000	Total Funding:	1,200,000																																	
FY2017	FY2018	FY2019	FY2020																																																														
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Debt Proceeds	1,200,000																																																																
Total Funding:	1,200,000																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6005227		MCDF - Infrastructure Equipment Upgrades						
Status: Requested 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	12/31/16	0	0	180,000	0	0	0	0	0	180,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/16	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.:	10/01/14	12/31/16	0	0	180,000	0	0	0	0	0	180,000
Totals:			0	0	2,160,000	0	0	0	0	0	2,160,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	5,000	5,000	5,000	5,000							
Operating Capital:											
Operating Total:	5,000	5,000	5,000	5,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Gen Fund/General Revenue						2,160,000
					Total Funding:						2,160,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6005214		MCDF- 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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	10/31/15	56,079	59,030	0	0	0	0	0	0	59,030
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/13	10/31/15	1,140	1,200	0	0	0	0	0	0	1,200
Totals:			57,219	60,230	0	0	0	0	0	0	60,230
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						60,230
					Total Funding:						60,230

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005217	MCDF- 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																																																																	
General Revenues																																																																	
Schedule of Activities		Programmed Funding																																																															
Activity	From To	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <th style="width: 10%;">Expended to Date</th> <th style="width: 10%;">Prior Year Approp.</th> <th style="width: 10%;">FY2016</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%;">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>04/01/14 10/31/15</td> <td>2,318,363</td> <td>2,469,824</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,469,824</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>10/01/13 10/31/15</td> <td>46,934</td> <td>50,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>50,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td>2,365,297</td> <td>2,519,824</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,519,824</td> </tr> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:		0	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:	04/01/14 10/31/15	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 10/31/15	46,934	50,000	0	0	0	0	50,000	Totals:		2,365,297	2,519,824	0	0	0	0	2,519,824
Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	04/01/14 10/31/15	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 10/31/15	46,934	50,000	0	0	0	0	50,000																																																									
Totals:		2,365,297	2,519,824	0	0	0	0	2,519,824																																																									
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FY2017	FY2018	FY2019	FY2020																																																														
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No. of Positions:	0	0	0																																																														
Funding Sources	Amount																																																																
All Prior Funding	2,519,824																																																																
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

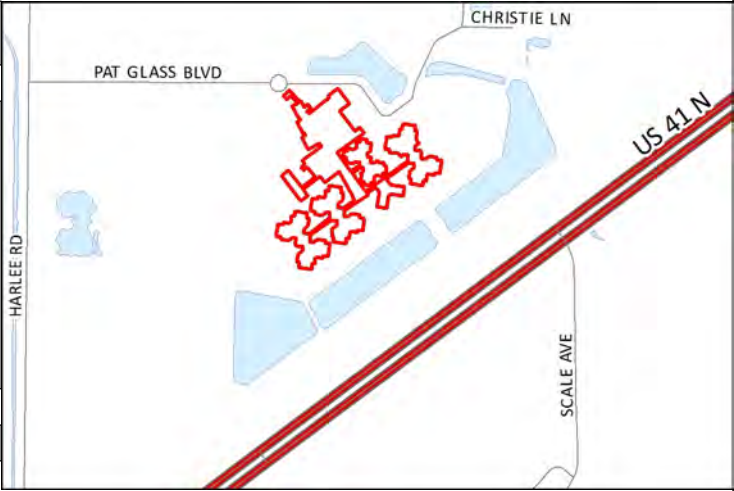
General Government	Project# 6005216	MCDF- Chiller Plant Emergency Power
Status: Existing Initial Year: 2014 District 1 Location: Manatee County Detention Facility		
Comprehensive Plan Information		Project Mgr: Tom Yarger
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

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 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	10/31/15	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	10/31/15	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					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	623,166
Non-Personal:					Total Funding:	623,166
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6005209		MCDF- 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	10/31/15	1,105,450	1,105,450	0	0	0	0	0	0	1,105,450
Equipment:			1,084,728	1,200,000	0	0	0	0	0	0	1,200,000
Project Mgt.:	10/01/13	10/31/15	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											
	FY2017	FY2018	FY2019	FY2020							
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

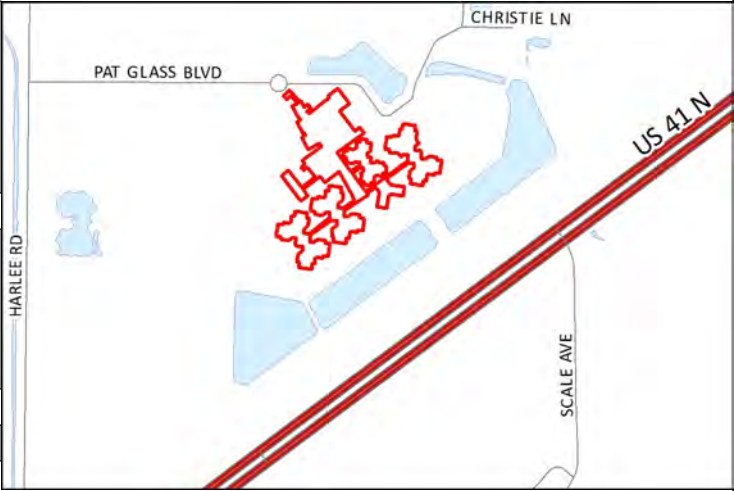
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6005211		MCDF- 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	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	10/31/15	36,246	38,154	0	0	0	0	0	0	38,154
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	10/31/15	760	800	0	0	0	0	0	0	800
Totals:			37,006	38,954	0	0	0	0	0	0	38,954
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						38,954
					Total Funding:						38,954

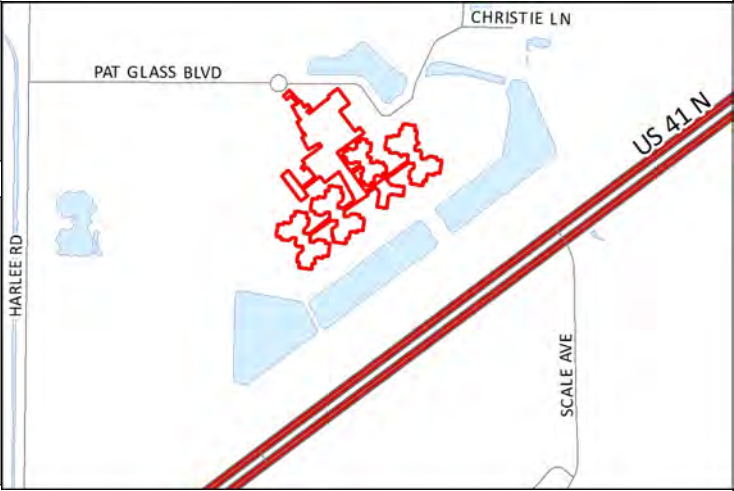
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005213	MCDF- 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	10/31/15	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	10/31/15	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												
	FY2017	FY2018	FY2019	FY2020								
Personal:												
Non-Personal:												
Operating Capital:												
Operating Total:												
No. of Positions:	0	0	0	0								
					Means of Financing							
					Funding Sources				Amount			
					All Prior Funding				309,514			
					Total Funding:				309,514			

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6005212		MCDF- 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	10/31/15	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	10/31/15	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											
	FY2017	FY2018	FY2019	FY2020							
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

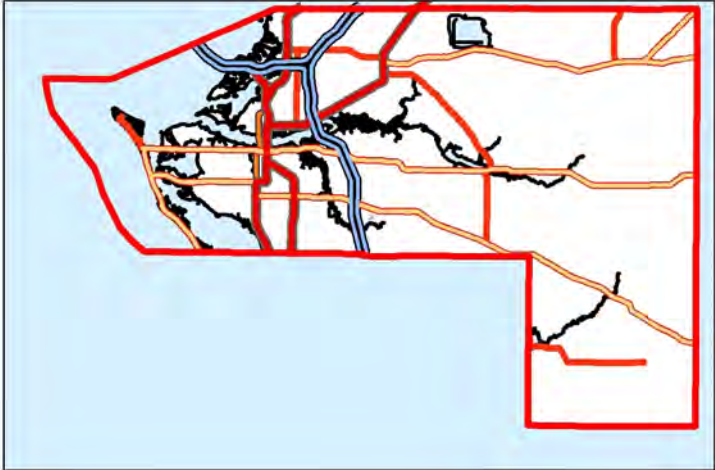
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6005210	MCDF- 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;"> <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;">FY2016</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;">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 10/31/15</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 10/31/15</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> </tbody> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:		0	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:	04/01/14 10/31/15	183,754	193,425	0	0	0	0	193,425	Equipment:		0	0	0	0	0	0	0	Project Mgt.:	10/01/13 10/31/15	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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	04/01/14 10/31/15	183,754	193,425	0	0	0	0	193,425																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/13 10/31/15	3,705	3,900	0	0	0	0	3,900																																																									
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Operating Capital:																																																																	
Operating Total:																																																																	
No. of Positions:	0	0	0	0																																																													

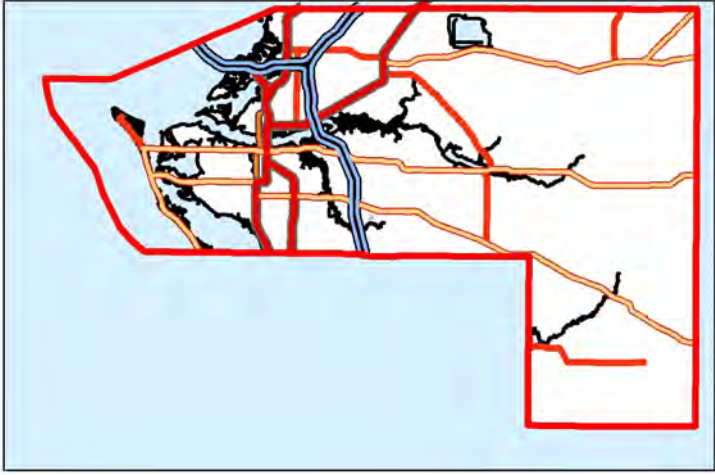
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government			Project# 6005215		MCDF- 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	10/31/15	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	10/31/15	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											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program

General Government	Project# 6070402	Next Generation 911																																																															
Status: Existing Initial Year: 2015 Countywide Location: 2101 47th Terrace East																																																																	
Comprehensive Plan Information		Project Mgr: Robert Smith																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																	
Scope																																																																	
Provide an Emergency Services Network (ESNet) locally, regionally, and statewide, which is critical to emergency communication architecture and will connect Manatee County Public Safety Answering Points (PSAP's) to each other and all PSAP's in the state. GIS data will be prepared and addressing applications updated, and Manatee County's portion (working with Hillsborough, Pasco, Pinellas, Polk and Sarasota counties) of a Regional Internet Protocol (IP) routing solution will be procured.																																																																	
Rationale																																																																	
Next Generation 911 (NG911) next step in the development of the emergency communications system in place since the 1970's. Converting to the NG911 will provide enhanced access to emergency services from all sources and provide multimedia data capabilities for emergency service organizations.																																																																	
Funding Strategy																																																																	
Debt Proceeds Grants																																																																	
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Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	10/01/14 09/30/19	0	570,921	0	5,000,000	0	0	5,570,921																																																									
Equipment:	10/01/14 09/30/19	0	429,068	0	0	0	0	429,068																																																									
Project Mgt.:	10/01/14 09/30/19	0	0	0	0	0	0	0																																																									
Totals:		0	999,989	0	5,000,000	0	0	5,999,989																																																									
Operating Budget Impacts																																																																	
	FY2017	FY2018	FY2019	FY2020	Means of Financing																																																												
Personal:					Funding Sources Amount																																																												
Non-Personal:	750,000	750,000	750,000	0	All Prior Funding 999,989																																																												
Operating Capital:					Debt Proceeds 4,500,000																																																												
Operating Total:	750,000	750,000	750,000	0	Grants 500,000																																																												
No.of Positions:	0	0	0	0	Total Funding: 5,999,989																																																												

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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																																																																																																	
<u>Scope</u> 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. <u>Rationale</u> 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. <u>Funding Strategy</u> Debt Proceeds 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: center;"><u>Programmed Funding</u></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;">FY2016</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;">Future</th> <th style="text-align: right;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/14</td> <td>09/30/19</td> <td style="text-align: right;">17,148</td> <td style="text-align: right;">1,671,000</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;">1,671,000</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>10/01/14</td> <td>09/30/19</td> <td style="text-align: right;">285</td> <td style="text-align: right;">5,373,000</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;">5,373,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">0</td> <td style="text-align: right;">7,956,000</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;">7,956,000</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/14</td> <td>09/30/19</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;">17,433</td> <td style="text-align: right;">15,000,000</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;">15,000,000</td> </tr> </tbody> </table>			<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/14	09/30/19	17,148	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	285	5,373,000	0	0	0	0	0	0	5,373,000	Equipment:			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:			17,433	15,000,000	0	0	0	0	0	0	15,000,000
<u>Schedule of Activities</u>			<u>Programmed Funding</u>																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/14	09/30/19	17,148	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	285	5,373,000	0	0	0	0	0	0	5,373,000																																																																																						
Equipment:			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:			17,433	15,000,000	0	0	0	0	0	0	15,000,000																																																																																						
<u>Operating Budget Impacts</u>																																																																																																	
	FY2017	FY2018	FY2019	FY2020		<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;">15,000,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">15,000,000</td> </tr> </table>		Funding Sources	Amount	All Prior Funding	15,000,000	Total Funding:	15,000,000																																																																																				
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Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6081600	Relocate Data Center Backup									
Status: Existing Initial Year: 2011 District 2 Location: 1112 Manatee Avenue West											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Redesign of the existing data center to reduce the size from 6,700 sf to 1,700 sf. Remaining space will be used as office space for Information Technology personnel. Addition of independent electrical leg to ensure power redundancy to the data center. Installation of an HVAC system for the data center, and a separate HVAC system for remainder of the space to meet increased A/C requirements to the data center and offices. Removal of raised flooring from the office space area of the data center, with removal of outdated cabling, equipment, and equipment racks. The fire suppression system currently installed will be reduced in size and replaced in the data center portion only. The data center area will be encased with hardened walls and a waterproof ceiling added for additional protection. The remaining space will be prepared for future offices, services include drywall, painting, electrical, HVAC, flooring, ceiling, and fire protection.											
Rationale											
A backup of the data center is needed. Originally it was determined the Data Center would remain on the 7th floor. Then it was decided a location East of I-75 might be preferable. However, due to fiber optic limitations, construction is not feasible at the site east of I-75, so the data center backup will remain on the 7th floor of the Administration building.											
Funding Strategy											
General Revenues											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/01/14	06/30/14	48,945	25,000	0	0	0	0	0	0	25,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/14	07/31/15	1,254,715	1,442,112	0	0	0	0	0	0	1,442,112
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	07/31/15	51,831	25,000	0	0	0	0	0	0	25,000
Totals:			1,355,492	1,492,112	0	0	0	0	0	0	1,492,112
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,492,112
					Total Funding:						1,492,112

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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		Project Map				
Replacement of aging and obsolete internet infrastructure of the county, including hardware and software.						
Rationale						
Increase internet efficiency and capability.						
Funding Strategy						
General Revenues						
Schedule of Activities		Programmed Funding				
Activity	From To	Expended to Date Prior Year Approp. FY2016 FY2017 FY2018 FY2019 FY2020 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 03/31/15	11,606 0 0 0 0 0 0 0 0				
Equipment:	06/01/14 03/31/15	37,620 250,000 0 0 0 0 0 0 250,000				
Project Mgt.:	03/03/14 03/31/15	0 0 0 0 0 0 0 0 0				
Totals:		49,226 250,000 0 0 0 0 0 0 250,000				
Operating Budget Impacts						
	FY2017	FY2018	FY2019	FY2020	Means of Financing	
Personal:					Funding Sources Amount	
Non-Personal:					All Prior Funding 250,000	
Operating Capital: _____					Total Funding: 250,000	
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6086600	Supervisor of Elections Office Renovations
Status: Existing Initial Year: 2014 District 2 Location: 600 301 Boulevard, Bradenton		
Comprehensive Plan Information		Project Mgr: Tom Yarger
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope Office renovations to more effectively use existing space to include wall demo and construction, electric, HVAC, fire protection, data, flooring, paint, lighting, ceilings and doors.	Project Map

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

General Government	Project# 6073300	Tax Collector Annex
Status: Existing Initial Year: 2015 Countywide 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

Purchase property located at 904 W 301 Blvd., Bradenton. This property was formerly an ABC liquor store.

Project Map



Rationale

The Tax Collector requires additional space due to increasing requirements for service offerings such as driver's license operations.

Funding Strategy

Debt Proceeds

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	04/01/15	09/30/15	42,858	50,000	0	0	0	0	0	0	50,000
Land:	10/01/14	09/30/15	169,596	0	2,700,000	0	0	0	0	0	2,700,000
Construction:	10/01/15	09/30/16	208,568	525,000	0	0	0	0	0	0	525,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			421,022	575,000	2,700,000	0	0	0	0	0	3,275,000

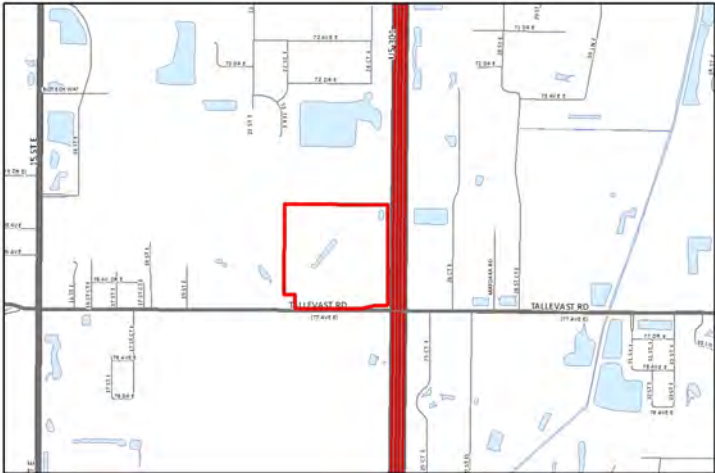
Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

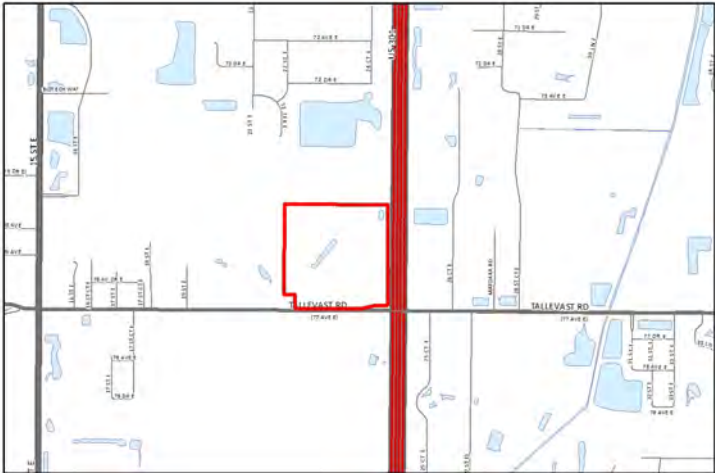
Means of Financing

Funding Sources	Amount
All Prior Funding	575,000
Debt Proceeds	2,700,000
Total Funding:	3,275,000

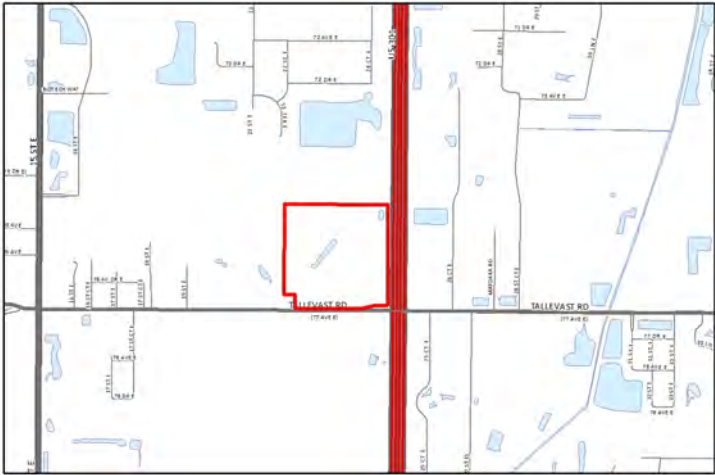
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/14	09/01/14	138,016	3,144,053	0	0	0	0	0	0	3,144,053
Land:			0	0	0	0	0	0	0	0	0
Construction:	12/01/14	08/01/16	2,578,842	6,572,703	0	0	0	0	0	0	6,572,703
Equipment:	12/01/14	08/01/16	43,758	2,342,838	0	0	0	0	0	0	2,342,838
Project Mgt.:	08/17/12	08/01/16	58,321	318,877	0	0	0	0	0	0	318,877
Totals:			2,818,937	12,378,471	0	0	0	0	0	0	12,378,471
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						12,378,471
					Total Funding:						12,378,471

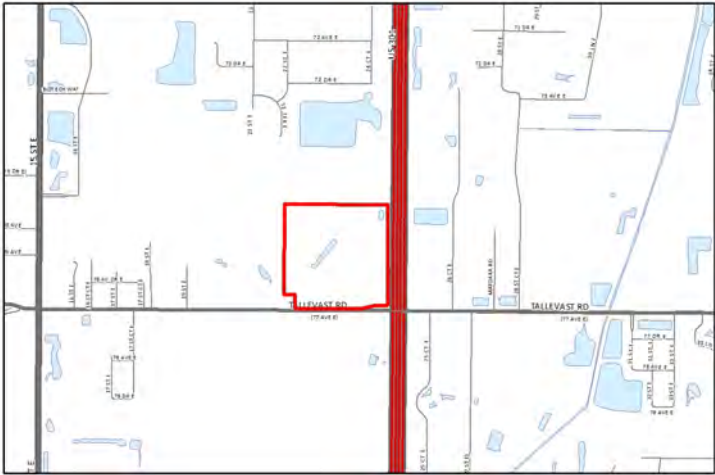
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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											
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 was 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	08/01/16	194,591	749,388	0	0	0	0	0	0	749,388
Equipment:			1,402	0	0	0	0	0	0	0	0
Project Mgt.:	08/17/12	08/01/16	0	0	0	0	0	0	0	0	0
Totals:			195,993	749,388	0	0	0	0	0	0	749,388
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						749,388
					Total Funding:						749,388

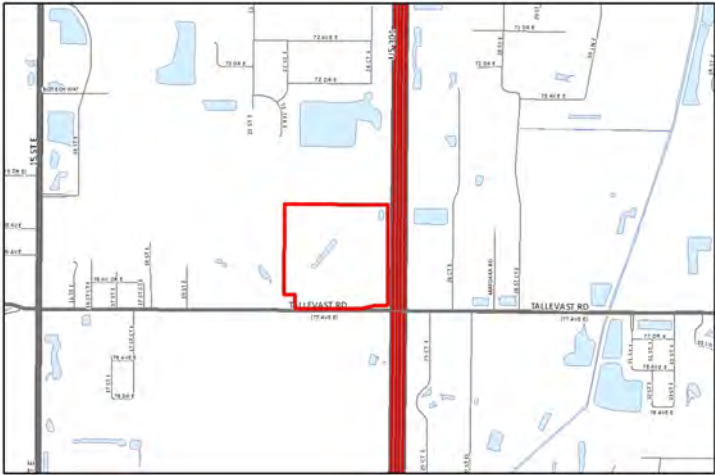
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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.											
Funding Strategy											
Federal Transit Administration Grant											
Project Map 											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2016	FY2017	FY2018	FY2019	FY2020	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	08/01/16	301,565	1,571,618	0	0	0	0	0	0	1,571,618
Equipment:			2,006	0	0	0	0	0	0	0	0
Project Mgt.:	08/17/12	08/01/16	0	0	0	0	0	0	0	0	0
Totals:			303,571	1,571,618	0	0	0	0	0	0	1,571,618
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,571,618
					Total Funding:						1,571,618

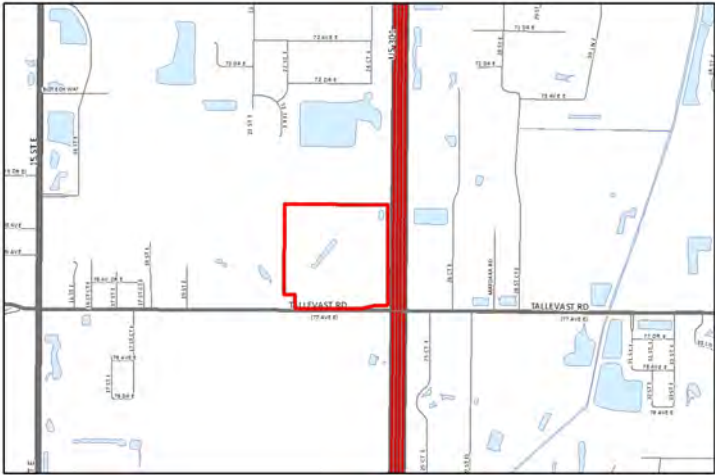
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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. FY2016 FY2017 FY2018 FY2019 FY2020 Future Appropriated to Date			
Design:	08/17/12 08/01/16	48,027 49,000 0 0 0 0 0 0 49,000			
Land:		0 0 0 0 0 0 0 0 0			
Construction:	08/17/12 08/01/16	75 1,117,417 0 0 0 0 0 0 1,117,417			
Equipment:		0 0 0 0 0 0 0 0 0			
Project Mgt.:	08/17/12 08/01/16	0 0 0 0 0 0 0 0 0			
Totals:		48,102 1,166,417 0 0 0 0 0 0 1,166,417			
Operating Budget Impacts					
	FY2017	FY2018	FY2019	FY2020	
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 2016 - 2020 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	<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%;">FY2016</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%;">Future</th> <th style="width: 10%;">Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td>08/17/12 08/01/16</td> <td>78,164</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>08/17/12 08/01/16</td> <td>119,048</td> <td>248,760</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>248,760</td> </tr> <tr> <td>Equipment:</td> <td></td> <td>12,753</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>08/17/12 08/01/16</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>209,965</td> <td>248,760</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>248,760</td> </tr> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	08/17/12 08/01/16	78,164	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:	08/17/12 08/01/16	119,048	248,760	0	0	0	0	248,760	Equipment:		12,753	0	0	0	0	0	0	Project Mgt.:	08/17/12 08/01/16	0	0	0	0	0	0	0	Totals:		209,965	248,760	0	0	0	0	248,760
Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:	08/17/12 08/01/16	78,164	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	08/17/12 08/01/16	119,048	248,760	0	0	0	0	248,760																																																									
Equipment:		12,753	0	0	0	0	0	0																																																									
Project Mgt.:	08/17/12 08/01/16	0	0	0	0	0	0	0																																																									
Totals:		209,965	248,760	0	0	0	0	248,760																																																									
Operating Budget Impacts																																																																	
	FY2017	FY2018	FY2019	FY2020	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 2016 - 2020 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 A new 22,250 square foot pre-engineered metal building with a wall cladding of masonry and metal wall panels and a metal roof. To include five pairs of maintenance bays, which will allow 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. Project Map 																																																																																																	
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																																																																																																	
<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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td>01/01/14</td> <td>09/01/14</td> <td style="text-align: right;">195,705</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>12/01/14</td> <td>08/01/16</td> <td style="text-align: right;">1,411,680</td> <td style="text-align: right;">1,000,000</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;">1,000,000</td> </tr> <tr> <td>Equipment:</td> <td></td> <td></td> <td style="text-align: right;">19,871</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>08/17/12</td> <td>08/01/16</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;">1,627,257</td> <td style="text-align: right;">1,000,000</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;">1,000,000</td> </tr> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	01/01/14	09/01/14	195,705	0	0	0	0	0	0	0	0	Land:			0	0	0	0	0	0	0	0	0	Construction:	12/01/14	08/01/16	1,411,680	1,000,000	0	0	0	0	0	0	1,000,000	Equipment:			19,871	0	0	0	0	0	0	0	0	Project Mgt.:	08/17/12	08/01/16	0	0	0	0	0	0	0	0	0	Totals:			1,627,257	1,000,000	0	0	0	0	0	0	1,000,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	01/01/14	09/01/14	195,705	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	12/01/14	08/01/16	1,411,680	1,000,000	0	0	0	0	0	0	1,000,000																																																																																						
Equipment:			19,871	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	08/17/12	08/01/16	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			1,627,257	1,000,000	0	0	0	0	0	0	1,000,000																																																																																						
Operating Budget Impacts <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">FY2017</td> <td style="text-align: center;">FY2018</td> <td style="text-align: center;">FY2019</td> <td style="text-align: center;">FY2020</td> </tr> <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> </table>				FY2017	FY2018	FY2019	FY2020	Personal:					Non-Personal:					Operating Capital:					Operating Total:					No.of Positions:	0	0	0	0																																																																	
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Means of Financing <table border="1" style="width: 100%; border-collapse: collapse;"> <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;">1,000,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">1,000,000</td> </tr> </table>			Funding Sources	Amount	All Prior Funding	1,000,000	Total Funding:	1,000,000																																																																																									
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All Prior Funding	1,000,000																																																																																																
Total Funding:	1,000,000																																																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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																																																																																																	
Increase efficiency of computer core network system.																																																																																																	
Funding Strategy																																																																																																	
General Revenues																																																																																																	
<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;">FY2016</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;">Future</th> <th style="text-align: center;">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;">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>Equipment:</td> <td>08/01/14</td> <td>06/30/15</td> <td style="text-align: center;">0</td> <td style="text-align: center;">600,000</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;">0</td> <td style="text-align: center;">600,000</td> </tr> <tr> <td>Project Mgt.:</td> <td>03/03/14</td> <td>06/30/15</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;">600,000</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;">0</td> <td style="text-align: center;">600,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	06/30/15	0	600,000	0	0	0	0	0	0	600,000	Project Mgt.:	03/03/14	06/30/15	0	0	0	0	0	0	0	0	0	Totals:			0	600,000	0	0	0	0	0	0	600,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	06/30/15	0	600,000	0	0	0	0	0	0	600,000																																																																																						
Project Mgt.:	03/03/14	06/30/15	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	600,000	0	0	0	0	0	0	600,000																																																																																						
Operating Budget Impacts																																																																																																	
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Operating Capital:					All Prior Funding																																																																																												
Operating Total:					Total Funding:																																																																																												
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/14	09/30/15	70,474	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	09/30/15	1,206,246	2,500,000	0	0	0	0	0	0	2,500,000
Equipment:			435,790	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/14	09/30/15	0	0	0	0	0	0	0	0	0
Totals:			1,712,511	5,000,000	0	0	0	0	0	0	5,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Parks & Natural Resources

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	15,908,587	44,393,761	0	0	0	0	0	0	44,393,761
Contributions	0	0	0	0	0	0	5,000,000	0	5,000,000
Florida Boating Improvement Program	0	0	112,500	0	850,000	0	0	0	962,500
Grants	0	0	1,500,000	400,000	0	500,000	0	0	2,400,000
Impact Fees	0	0	0	450,000	0	0	0	0	450,000
West Coast Inland Navigational District	0	0	1,637,500	2,200,000	850,000	0	0	0	4,687,500
Total Source of Funds	15,908,587	44,393,761	3,250,000	3,050,000	1,700,000	500,000	5,000,000	0	57,893,761

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
Beaches/Waterways	11,915,406	24,576,460	0	0	0	500,000	5,000,000	0	30,076,460
Boat Ramps	1,513,636	2,469,590	1,750,000	2,200,000	1,700,000	0	0	0	8,119,590
Parks	129,729	3,307,774	1,500,000	450,000	0	0	0	0	5,257,774
Preserves	2,349,816	14,039,937	0	400,000	0	0	0	0	14,439,937
Total Use of Funds	15,908,587	44,393,761	3,250,000	3,050,000	1,700,000	500,000	5,000,000	0	57,893,761



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Parks & Natural Resources	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Beaches/Waterways									
1 Anna Maria Island Beach Nourishment (6003407 / Existing)	7,137,455	12,183,188	0	0	0	0	0	0	12,183,188
2 Beach: Central 2013 Renourishment (6003408 / Existing)	3,490,434	6,306,134	0	0	0	0	0	0	6,306,134
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 Coquina Beach - Signage (6005712 / Existing)	91,777	165,500	0	0	0	0	0	0	165,500
6 Erosion Control Groins (6029601 / Existing)	958,399	5,103,729	0	0	0	0	0	0	5,103,729
7 Larry Borden Artificial Reef (6081500 / Existing)	2,150	130,000	0	0	0	500,000	0	0	630,000
8 Port Dolphin Extraction (6003404 / Existing)	166,359	508,485	0	0	0	0	5,000,000	0	5,508,485
Beaches/Waterways	11,915,406	24,576,460	0	0	0	500,000	5,000,000	0	30,076,460
Boat Ramps									
9 Coquina North Boat Ramp (Bayside) (6005714 / Existing)	115,500	226,000	1,400,000	0	0	0	0	0	1,626,000
10 Coquina South Boat Ramp (Bayside) (6005715 / Existing)	24,983	25,000	0	2,200,000	0	0	0	0	2,225,000
11 Fort Hamer Park - Boat Ramp and Dock Improvements (6034610 / Existing)	37,770	513,000	350,000	0	0	0	0	0	863,000
12 Jiggs Landing Boat Ramp & Parking Lot (6061401 / Existing)	455,347	507,000	0	0	0	0	0	0	507,000
13 Kingfish Boat Ramp (6071500 / Existing)	612,729	698,590	0	0	1,700,000	0	0	0	2,398,590
14 Warner's Bayou Parking Lot Paving (6071401 / Existing)	267,307	500,000	0	0	0	0	0	0	500,000
Boat Ramps	1,513,636	2,469,590	1,750,000	2,200,000	1,700,000	0	0	0	8,119,590

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Parks & Natural Resources	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Parks									
15 Fort Hamer Park - Parking Lot Expansion (6034614 / Existing)	105,910	1,298,274	0	0	0	0	0	0	1,298,274
16 Hidden Harbor (Fort Hamer East of New Bridge) (6067406 / Existing)	16,184	1,300,000	0	0	0	0	0	0	1,300,000
17 Hidden Harbor Park - Wetland/Upland Maintenance (6067401 / Existing)	7,635	709,500	1,500,000	0	0	0	0	0	2,209,500
18 Lakewood Ranch Park Soccer Field Lighting (6039918 / Requested)	0	0	0	450,000	0	0	0	0	450,000
Parks	129,729	3,307,774	1,500,000	450,000	0	0	0	0	5,257,774

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Parks & Natural Resources	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Preserves									
19 Duette Preserve - Hydrologic Restoration (6006506 / Existing)	127	215,482	0	0	0	0	0	0	215,482
20 Duette Preserve - Wetland Mitigation (6006505 / Existing)	103,883	2,000,400	0	0	0	0	0	0	2,000,400
21 Perico Preserve Seagrass Mitigation Area (6071302 / Existing)	1,163,236	1,866,436	0	0	0	0	0	0	1,866,436
22 Perico Preserve Trailhead (GG01319 / Requested)	0	0	0	400,000	0	0	0	0	400,000
23 Robinson Oyster Bar - Creation (6085212 / Existing)	11,496	53,000	0	0	0	0	0	0	53,000
24 Robinson Preserve Expansion Amenities (6085200 / Existing)	270,784	342,000	0	0	0	0	0	0	342,000
25 Robinson Preserve Expansion Canopy Walk (6085205 / Existing)	0	200,000	0	0	0	0	0	0	200,000
26 Robinson Preserve Expansion Environmental Center (6085201 / Existing)	79,711	1,800,000	0	0	0	0	0	0	1,800,000
27 Robinson Preserve Expansion Kayak Launch & Storage Units (6085211 / Existing)	0	400,000	0	0	0	0	0	0	400,000
28 Robinson Preserve Expansion Maintenance Building (6085207 / Existing)	0	90,000	0	0	0	0	0	0	90,000
29 Robinson Preserve Expansion Multi-Surface Trails (6085209 / Existing)	0	2,178,440	0	0	0	0	0	0	2,178,440
30 Robinson Preserve Expansion Office (6085204 / Existing)	75,338	100,500	0	0	0	0	0	0	100,500
31 Robinson Preserve Expansion Parking Lot (6085203 / Existing)	0	219,500	0	0	0	0	0	0	219,500
32 Robinson Preserve Expansion Parking Lot & Gate (6085206 / Existing)	0	150,000	0	0	0	0	0	0	150,000
33 Robinson Preserve Expansion Restoration (6085208 / Existing)	371,407	3,800,589	0	0	0	0	0	0	3,800,589
34 Robinson Preserve Expansion Restrooms (6085202 / Existing)	15,902	200,000	0	0	0	0	0	0	200,000
35 Rye Preserve Environmental Center (6068501 / Existing)	225,875	327,000	0	0	0	0	0	0	327,000
36 Ungarelli Parking Areas (6069604 / Existing)	13,505	58,290	0	0	0	0	0	0	58,290
37 Ungarelli Pavilion (6069603 / Existing)	18,552	38,300	0	0	0	0	0	0	38,300

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Parks & Natural Resources	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Preserves	2,349,816	14,039,937	0	400,000	0	0	0	0	14,439,937

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources	Project# 6003407	Anna Maria Island Beach Nourishment									
Beaches/Waterways											
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											
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											
Funding sources include Federal and State Grants, Tourist Development Tax revenues and debt proceeds. Revised schedules or cost estimates may alter this plan which will be updated as needed.											
Project Map											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	7,137,455	12,183,188	0	0	0	0	0	0	12,183,188
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:			7,137,455	12,183,188	0	0	0	0	0	0	12,183,188
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						12,183,188
					Total Funding:						12,183,188

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	06/27/13	12/31/16	109,765	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	3,380,669	6,306,134	0	0	0	0	0	0	6,306,134
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:			3,490,434	6,306,134	0	0	0	0	0	0	6,306,134
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						6,306,134
					Total Funding:						6,306,134



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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, FL											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	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	09/30/15	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											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 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.																	
												Rationale					
												Funding Strategy					
Parks Impact Fees																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	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	09/30/15	0	0	0	0	0	0	0	0	0						
Totals:			0	100,000	0	0	0	0	0	0	100,000						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
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 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Coquina Beach - Signage						
Beaches/Waterways			6005712								
Status: Existing Initial Year: 2010 Countywide Location: 1506 Gulf Drive S, Bradenton Beach											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope											
Installation of comprehensive and uniform signage throughout the park.											
Rationale											
Sufficient signage throughout the park is needed to inform the public of county rules and regulations.											
Funding Strategy											
General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/09	12/31/12	17,375	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	09/30/15	60,069	90,000	0	0	0	0	0	0	90,000
Equipment:	10/01/09	09/30/15	7,090	70,500	0	0	0	0	0	0	70,500
Project Mgt.:	10/01/09	09/30/15	7,243	5,000	0	0	0	0	0	0	5,000
Totals:			91,777	165,500	0	0	0	0	0	0	165,500
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						165,500
					Total Funding:						165,500

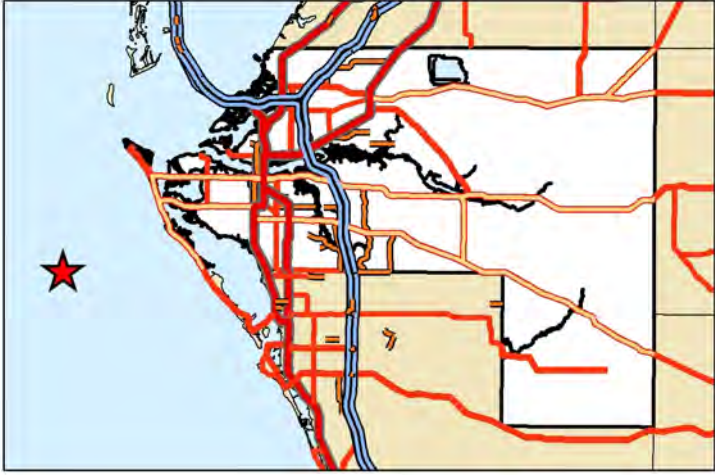


MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Erosion Control Groins						
Beaches/Waterways			6029601								
Status: Existing Initial Year: 2011 Countywide 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.											
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. Construct one ADA compliant dune walkover. 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	09/30/14	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	09/30/16	958,399	5,103,729	0	0	0	0	0	0	5,103,729
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			958,399	5,103,729	0	0	0	0	0	0	5,103,729
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						5,103,729
					Total Funding:						5,103,729



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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						
Purchase, 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.											
Rationale											
To increase and enhance recreational fishing and diving in addition to creating marine habitat.											
Funding Strategy											
Grants											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	2,150	130,000	0	0	0	500,000	0	0	630,000
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:			2,150	130,000	0	0	0	500,000	0	0	630,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Grants						500,000
					Total Funding:						630,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Port Dolphin Extraction						
Beaches/Waterways			6003404								
Status: Existing Initial Year: 2012 Countywide 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						
Extraction of 400,000 cubic yards of sand from the area impacted by the proposed Port Dolphin natural gas pipeline in the Gulf. Placement of approximately 200,000 cubic yards on the City of Anna Maria beaches (North Shore Drive area). Placement of approximately 200,000 cubic yards to replenish the permitted offshore sand borrow site adjacent to Anna Maria Island.											
Rationale											
Construction of the offshore natural gas pipeline will preempt future beach compatible sand sources. Port Dolphin has agreed to pay \$5.5 million towards permitting, excavation and placement of beach sands on Anna Maria Island.											
Funding Strategy											
Contribution - Port Dolphin											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	5,000,000	0	5,508,485
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	5,000,000	0	5,508,485
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Contributions						5,000,000
					Total Funding:						5,508,485

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 docks 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											
West Coast Inland Navigation District grant											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	09/30/15	110,145	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	0	1,400,000	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	4,810	0	0	0	0	0	0	0	0
Totals:			115,500	226,000	1,400,000	0	0	0	0	0	1,626,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources											Amount
All Prior Funding											226,000
West Coast Inland Navigational District											1,400,000
Total Funding:											1,626,000

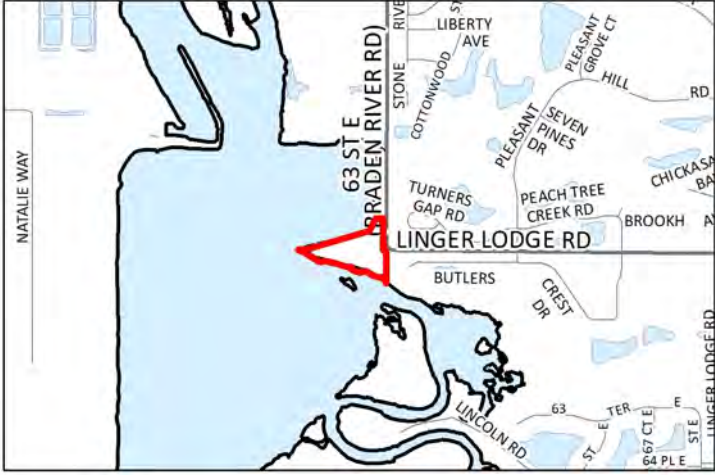
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Coquina South Boat Ramp (Bayside)						
Boat Ramps			6005715								
Status: Existing Initial Year: 2010 District 3 Location: Bayside at 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											
West Coast Inland Navigation District grant											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	09/30/15	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	12/31/17	22,563	0	0	2,200,000	0	0	0	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	25,000	0	2,200,000	0	0	0	0	2,225,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources											Amount
All Prior Funding											25,000
West Coast Inland Navigational District											2,200,000
Total Funding:											2,225,000

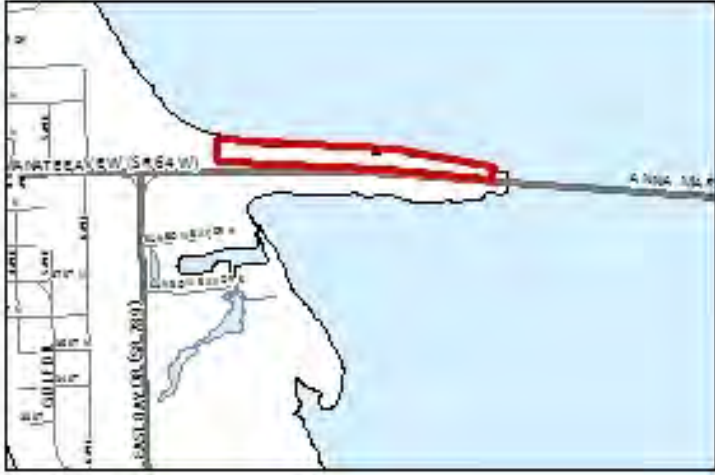
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Fort 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						Project Map					
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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/11	04/30/12	37,557	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	350,000	0	0	0	0	0	863,000
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:			37,770	513,000	350,000	0	0	0	0	0	863,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Florida Boating Improvement Program						112,500
					West Coast Inland Navigational District						237,500
					Total Funding:						863,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Jiggs Landing Boat Ramp & Parking Lot						
Boat Ramps			6061401								
Status: Existing Initial Year: 2014 District 4 Location: 6106 63rd Street East, Bradenton											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Maintenance				
Scope					Project Map						
Renovation of boat ramp and parking lot at Jiggs Landing.											
Rationale											
There is limited functionality of boat ramp and docks during extreme low water periods in the lake, and insufficient stormwater control within the parking lot. Concrete paving will correct stormwater flow and eliminate the need for grading maintenance.											
Funding Strategy											
Florida Boating Improvement Program											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	447,684	507,000	0	0	0	0	0	0	507,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/15	7,664	0	0	0	0	0	0	0	0
Totals:			455,347	507,000	0	0	0	0	0	0	507,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						507,000
					Total Funding:						507,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Kingfish Boat Ramp						
Boat Ramps			6071500								
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.											
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			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/28/08	09/30/08	132,907	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	0	1,700,000	0	0	0	2,396,590
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	13,742	2,000	0	0	0	0	0	0	2,000
Totals:			612,729	698,590	0	0	1,700,000	0	0	0	2,398,590
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Warner's Bayou Parking Lot Paving						
Boat Ramps			6071401								
Status: Existing Initial Year: 2015 Countywide Location: 5800 Riverview Boulevard											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance		

Scope	Project Map
Pave existing shell parking area and drive isles, reshaping and resizing stormwater treatment area and landscaped ground cover around the reshaped treatment area to reduce erosion.	
Rationale	
Paving the lot will assist in drainage to an engineered stormwater treatment area, which reduces silt, hydrocarbons and other surface pollutants, allowing pre-treatment of the stormwater prior to discharge.	
Funding Strategy	
West Coast Inland Navigation District grant	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/16	2,380	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	09/30/16	254,427	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	09/30/16	10,500	0	0	0	0	0	0	0	0
Totals:			267,307	500,000	0	0	0	0	0	0	500,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	500,000
Non-Personal:					Total Funding:	500,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Fort 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/11	05/31/14	65,451	150,000	0	0	0	0	0	0	150,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/13	09/30/15	11,567	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	09/30/15	28,893	12,000	0	0	0	0	0	0	12,000
Totals:			105,910	1,298,274	0	0	0	0	0	0	1,298,274
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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



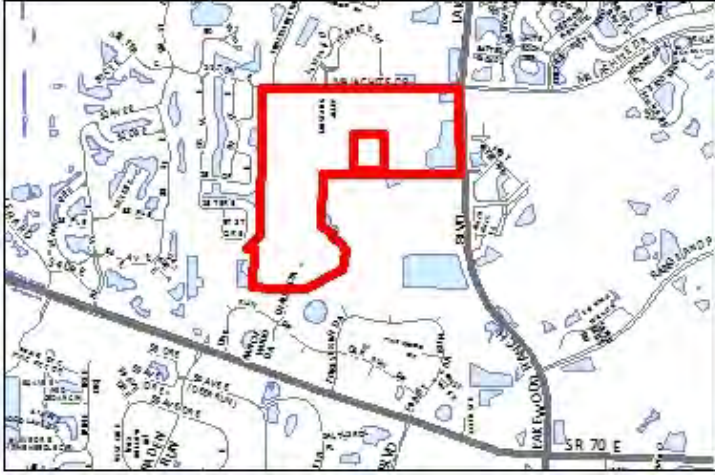
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Hidden Harbor (Fort Hamer East of New Bridge)						
Parks			6067406								
Status: Existing Initial Year: 2009 Countywide Location: Hidden Harbor											
Comprehensive Plan Information						Project Mgr: Tom Yarger					
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/09	09/30/16	15,299	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/09	09/30/16	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	09/30/16	800	33,000	0	0	0	0	0	0	33,000
Totals:			16,184	1,300,000	0	0	0	0	0	0	1,300,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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

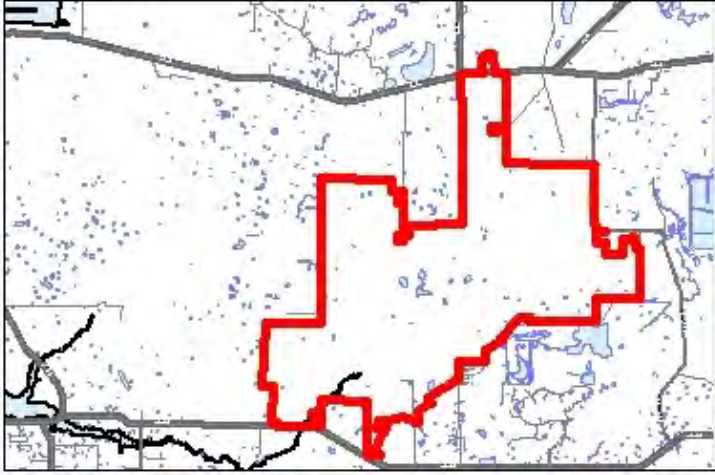
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Hidden Harbor Park - Wetland/Upland Maintenance						
Parks			6067401								
Status: Existing Initial Year: 2008 District 1 Location: Hidden Harbor											
Comprehensive Plan Information					Project Mgr: Tom Yarger						
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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	7,635	709,500	1,500,000	0	0	0	0	0	2,209,500
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:			7,635	709,500	1,500,000	0	0	0	0	0	2,209,500
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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						1,500,000
					Total Funding:						2,209,500

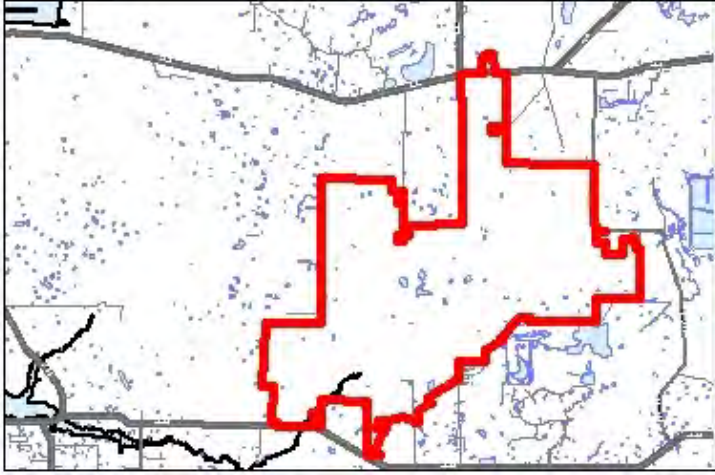
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Lakewood Ranch Park Soccer Field Lighting						
Parks			6039918								
Status: Requested Initial Year: 2016 Countywide 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	0	0	0	450,000	0	0	0	0	450,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	450,000	0	0	0	0	450,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	5,000	15,000	15,000	15,000							
Operating Capital:											
Operating Total:	5,000	15,000	15,000	15,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Impact Fees						450,000
					Total Funding:						450,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Duette Preserve - Hydrologic Restoration						
Preserves			6006506								
Status: Existing Initial Year: 2015 Countywide 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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/16	127	215,482	0	0	0	0	0	0	215,482
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/15	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			127	215,482	0	0	0	0	0	0	215,482
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						215,482
					Total Funding:						215,482

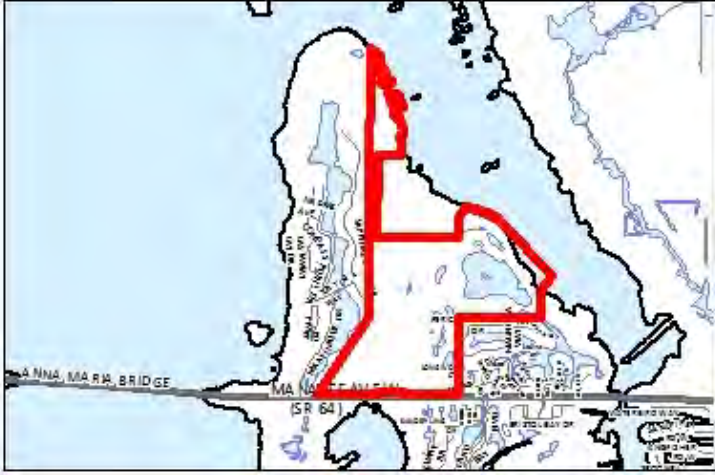
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Duette Preserve - Wetland Mitigation						
Preserves			6006505								
Status: Existing Initial Year: 2015 Countywide 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/15	09/30/16	103,883	200,000	0	0	0	0	0	0	200,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/15	09/30/16	0	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	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			103,883	2,000,400	0	0	0	0	0	0	2,000,400
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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

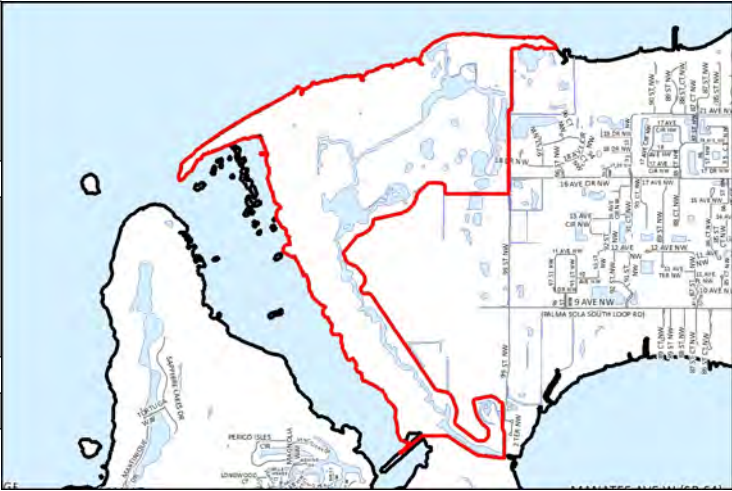
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Perico Preserve Seagrass Mitigation Area						
Preserves			6071302								
Status: Existing Initial Year: 2012 Countywide Location: Perico Preserve											
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											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	05/01/12	12/31/14	260,824	15,000	0	0	0	0	0	0	15,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	05/01/12	12/31/14	902,411	1,851,436	0	0	0	0	0	0	1,851,436
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	12/31/14	0	0	0	0	0	0	0	0	0
Totals:			1,163,236	1,866,436	0	0	0	0	0	0	1,866,436
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,866,436
					Total Funding:						1,866,436

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Perico Preserve Trailhead						
Preserves			GG01319								
Status: Requested Initial Year: 2016 Countywide Location: Perico Preserve											
Comprehensive Plan Information					Project Mgr: Tom Yarger						
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope					Project Map						
Construct bathroom, water fountain, kiosk, bike racks, signage and fencing at the trail head.											
Rationale											
To enhance recreational experiences for visitors to the preserve. The trailhead will serve to link a pedestrian and bicycle trail connecting both Neal and Robinson Preserves to Perico. Vehicle parking already constructed will tie in to the anticipated high use of the area which will require a bathroom of the same design as Robinson Preserve and water fountains. Rustic fencing and entrance signs will keep the look of other county preserves.											
Funding Strategy											
Grants											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	12/31/18	0	0	0	400,000	0	0	0	0	400,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	400,000	0	0	0	0	400,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	5,000	5,000	5,000	5,000							
Operating Capital:											
Operating Total:	5,000	5,000	5,000	5,000							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Grants						400,000
					Total Funding:						400,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

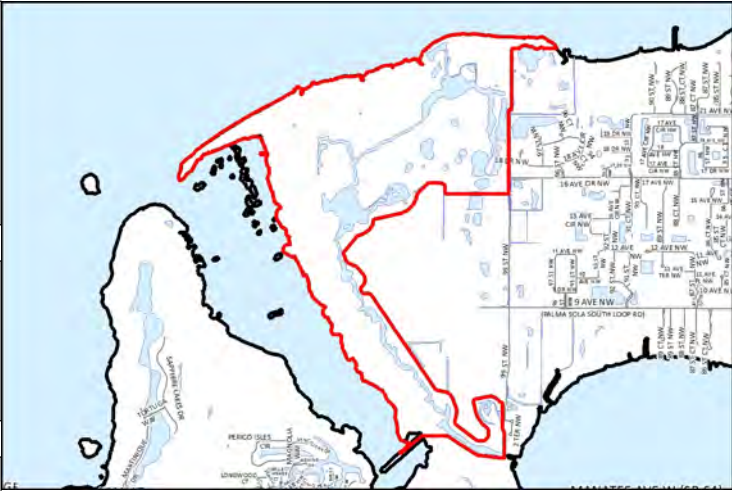
Parks & Natural Resources			Project#		Robinson Oyster Bar - Creation						
Preserves			6085212								
Status: Existing Initial Year: 2015 Countywide Location: 1704 99th St NW											
Comprehensive Plan Information					Project Mgr: Charlie Hunsicker						
CIE Project: No LOS/Concurrency: No Plan Reference: 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/16	11,496	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	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			11,496	53,000	0	0	0	0	0	0	53,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
Fiscal Year 2016 - 2020 Capital Improvement Program

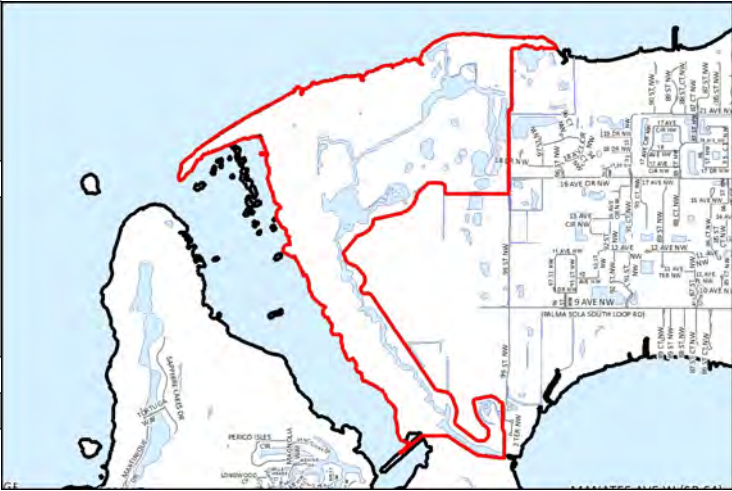
Parks & Natural Resources			Project#		Robinson Preserve Expansion Amenities						
Preserves			6085200								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No LOS/Concurrency: No 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	06/01/13	12/31/15	167,736	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/13	12/31/15	72,248	342,000	0	0	0	0	0	0	342,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/13		30,800	0	0	0	0	0	0	0	0
Totals:			270,784	342,000	0	0	0	0	0	0	342,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						342,000
					Total Funding:						342,000



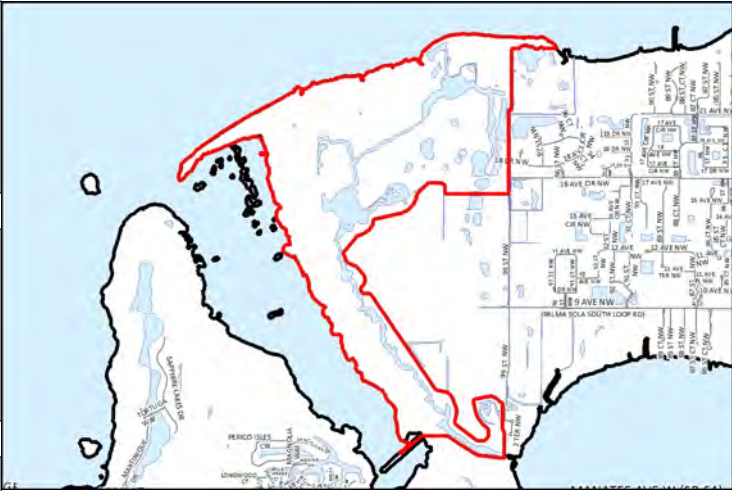
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Canopy Walk						
Preserves			6085205								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope						Project Map					
Construction of an elevated walkway in the tree canopy consisting of stairways, boardwalks, suspension bridges and platforms associated with the educational programming at the Mosaic Environmental Center. Rationale To provide preserve visitors an enhanced nature experience. Funding Strategy Phosphate Severance Tax											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	12/31/16	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	200,000	0	0	0	0	0	0	200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	200,000	0	0	0	0	0	0	200,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						200,000
					Total Funding:						200,000

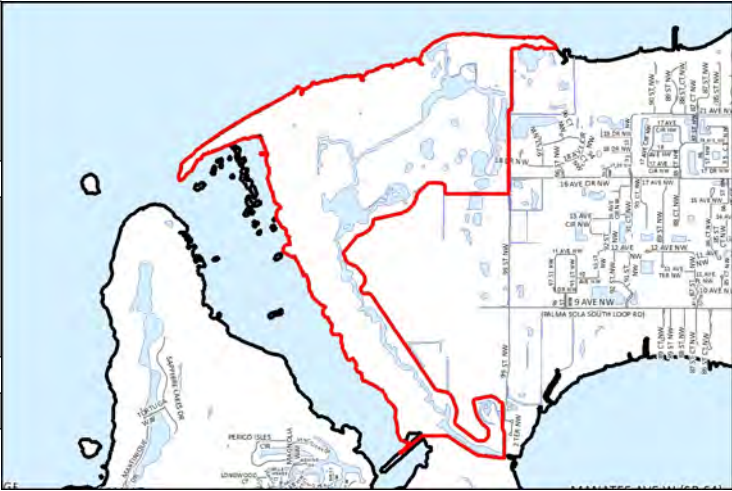
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Environmental Center						
Preserves			6085201								
Status: Existing Initial Year: 2013 Countywide Location: 1704 99th St NW											
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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	07/01/13	12/31/15	68,239	100,000	0	0	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/13	12/31/16	10,572	1,700,000	0	0	0	0	0	0	1,700,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/01/13	12/31/16	900	0	0	0	0	0	0	0	0
Totals:			79,711	1,800,000	0	0	0	0	0	0	1,800,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	15,000	15,000	15,000	0							
Operating Capital:											
Operating Total:	15,000	15,000	15,000	0							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,800,000
					Total Funding:						1,800,000

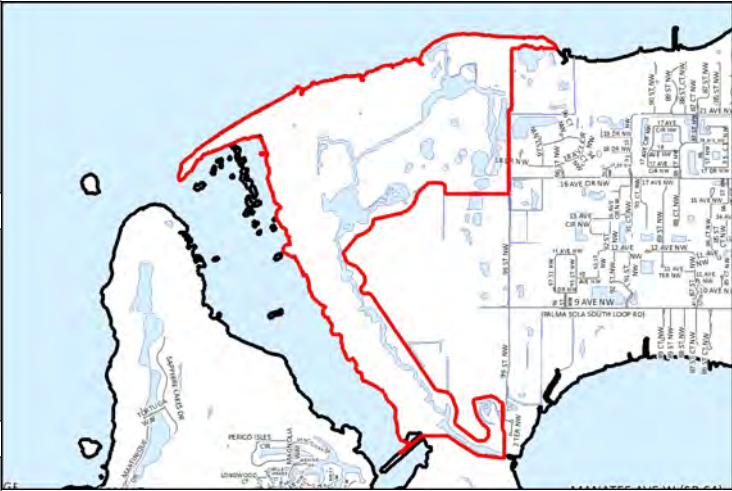
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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											
Comprehensive Plan Information										Project Mgr: Tom Yarger	
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
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						Project Map					
											
Schedule of Activities											
			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	09/30/15	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	09/30/16	0	370,000	0	0	0	0	0	0	370,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	09/30/16	0	5,000	0	0	0	0	0	0	5,000
Totals:			0	400,000	0	0	0	0	0	0	400,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						400,000
					Total Funding:						400,000

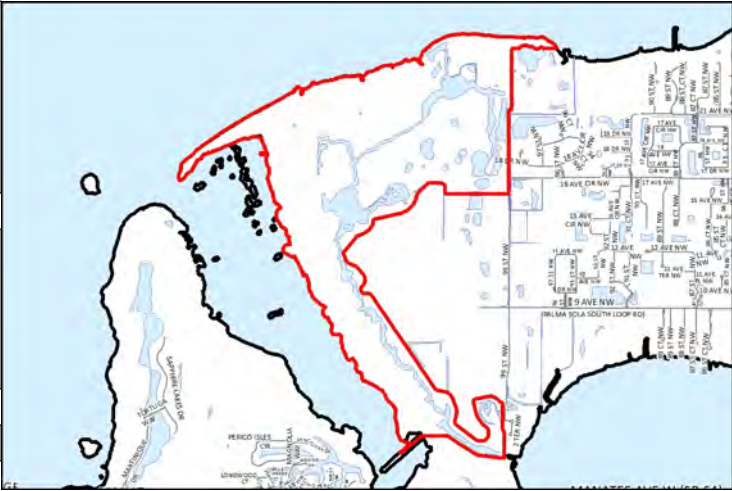
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Maintenance Building						
Preserves			6085207								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW											
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 a 3 stall garage/maintenance building with covered area for kayak trailer storage to include utilities to support the Mosaic Environmental Center. Rationale To provide a secure enclosure for hand tools and small motorized equipment used for maintenance. Funding Strategy Phosphate Severance Tax											
Schedule of Activities						Programmed Funding					
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	12/31/14	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	90,000	0	0	0	0	0	0	90,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	90,000	0	0	0	0	0	0	90,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	3,600	3,600	3,600	0							
Operating Capital:											
Operating Total:	3,600	3,600	3,600	0							
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources											Amount
All Prior Funding											90,000
Total Funding:											90,000

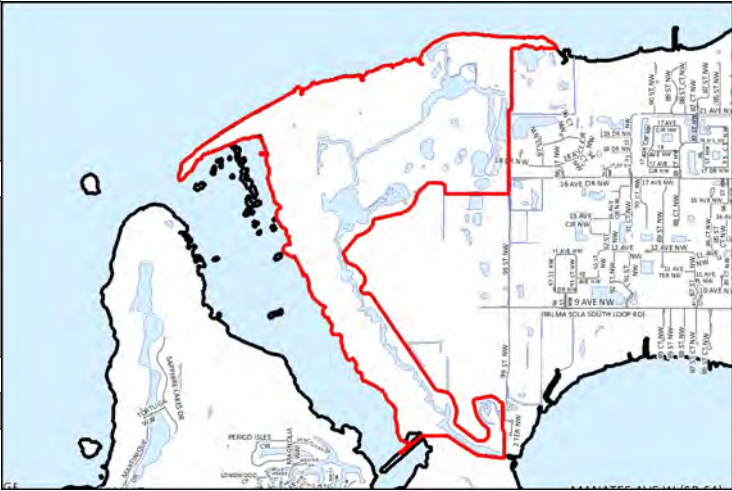
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Multi-Surface Trails						
Preserves			6085209								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	12/31/16	0	282,450	0	0	0	0	0	0	282,450
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/16	0	1,895,990	0	0	0	0	0	0	1,895,990
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	2,178,440	0	0	0	0	0	0	2,178,440
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,178,440
					Total Funding:						2,178,440

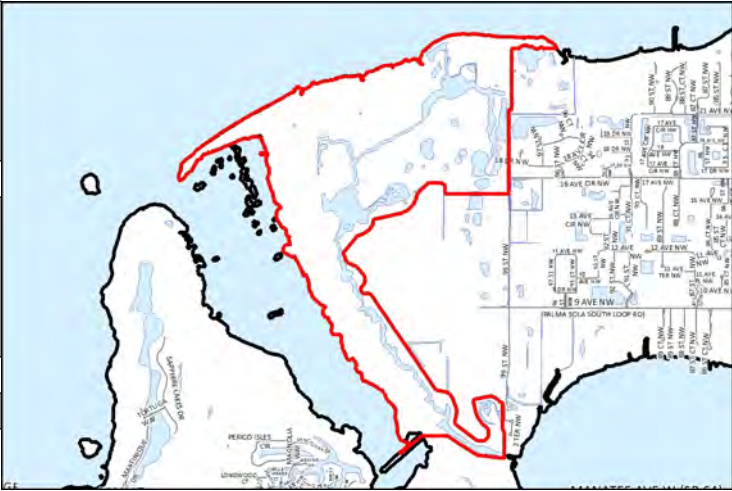
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Office						
Preserves			6085204								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW											
Comprehensive Plan Information											
Project Mgr: Tom Yarger											
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construction of an office building comprised of 10 offices with storage space, restrooms and small reception area to support management staff of Robinson Preserve Expansion Mosaic Environmental Center.						Project Map 					
Rationale											
To house support staff for Robinson Preserve as well as several other FCT funded properties.											
Funding Strategy											
Phosphate Severance Tax											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	07/01/13	12/31/15	65,619	90,500	0	0	0	0	0	0	90,500
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/16	9,719	10,000	0	0	0	0	0	0	10,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			75,338	100,500	0	0	0	0	0	0	100,500
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	27,000	27,000	27,000	0							
Operating Capital:											
Operating Total:	27,000	27,000	27,000	0							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						100,500
					Total Funding:						100,500

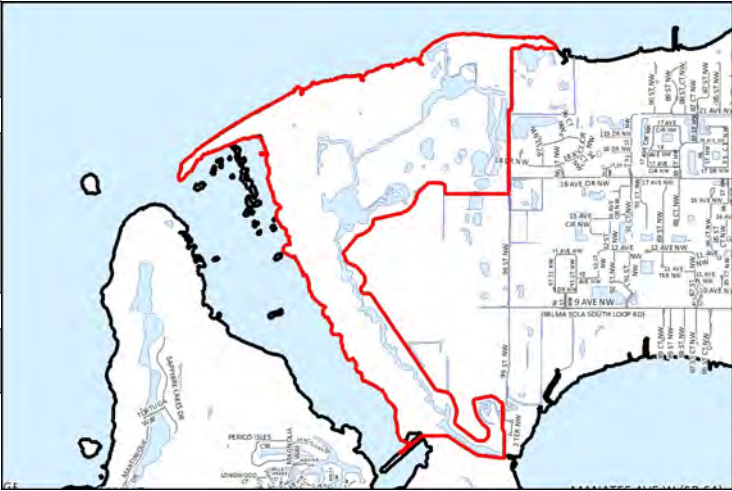
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Parking Lot												
Preserves			6085203														
Status: Existing Initial Year: 2013 Countywide Location: 1704 99th St NW																	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	07/01/13	12/31/15	0	0	0	0	0	0	0	0	0						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	10/01/13	12/31/15	0	219,500	0	0	0	0	0	0	219,500						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	07/01/13	12/31/15	0	0	0	0	0	0	0	0	0						
Totals:			0	219,500	0	0	0	0	0	0	219,500						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					All Prior Funding						219,500						
					Total Funding:						219,500						

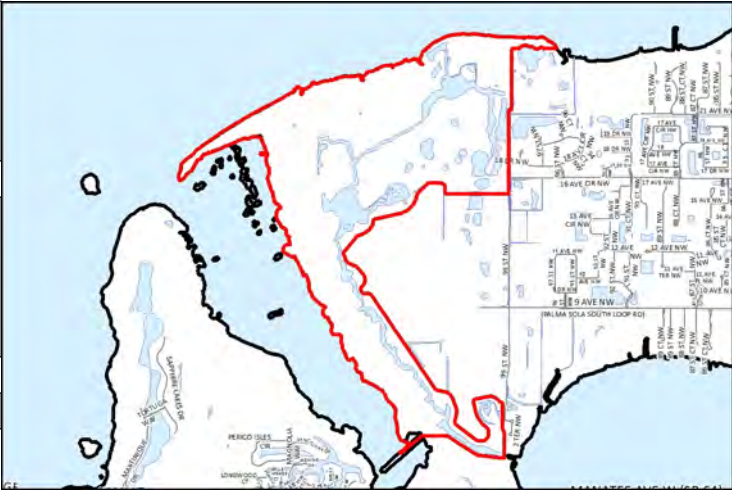
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Parking Lot & Gate						
Preserves			6085206								
Status: Existing Initial Year: 2013 District 3 Location: 1704 99th St NW											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Growth											
Scope											
Construction of a shell parking lot with entrance gate and related stormwater treatment requirements to support public access to the Mosaic Environmental Center.						Project Map 					
Rationale											
To provide a parking area for visitors to the expanded preserve and the environmental center.											
Funding Strategy											
Phosphate Severance Tax											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	12/31/16	0	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	0	150,000	0	0	0	0	0	0	150,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	150,000	0	0	0	0	0	0	150,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						150,000
					Total Funding:						150,000

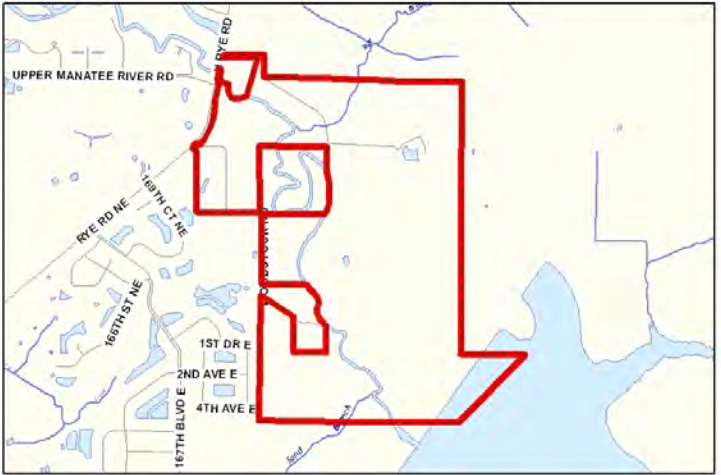
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Restoration						
Preserves			6085208								
Status: Existing Initial Year: 2014 Countywide Location: 1704 99th St NW											
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											
SWFWMD, USFWS, grants Tree Trust Funds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	12/31/19	317,687	200,000	0	0	0	0	0	0	200,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/19	53,720	3,600,589	0	0	0	0	0	0	3,600,589
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:			371,407	3,800,589	0	0	0	0	0	0	3,800,589
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						3,800,589
					Total Funding:						3,800,589

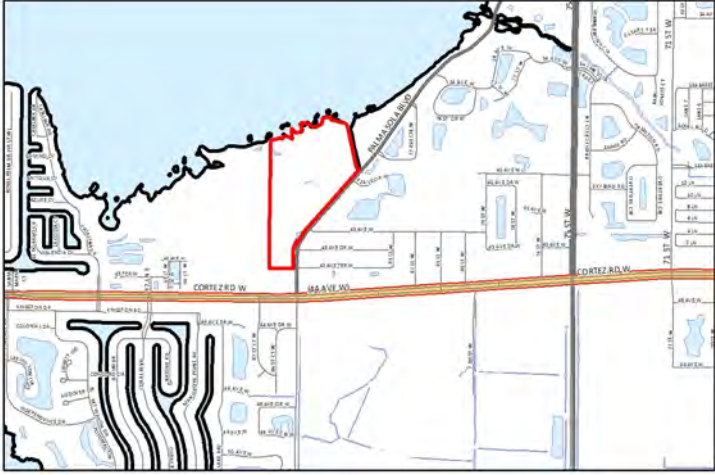
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Robinson Preserve Expansion Restrooms						
Preserves			6085202								
Status: Existing Initial Year: 2013 Countywide Location: 1704 99th St NW											
Comprehensive Plan Information							Project Mgr: Tom Yarger				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope						Project Map					
Construction of stand alone restrooms to include structures, plumbing, sewer, electric, etc.											
Rationale											
Restrooms are needed for visitors to the Mosaic Environmental Center.											
Funding Strategy											
Phosphate Severance Tax											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	12/31/16	378	200,000	0	0	0	0	0	0	200,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/13	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			15,902	200,000	0	0	0	0	0	0	200,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	7,500	7,500	7,500	0							
Operating Capital:											
Operating Total:	7,500	7,500	7,500	0							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						200,000
					Total Funding:						200,000

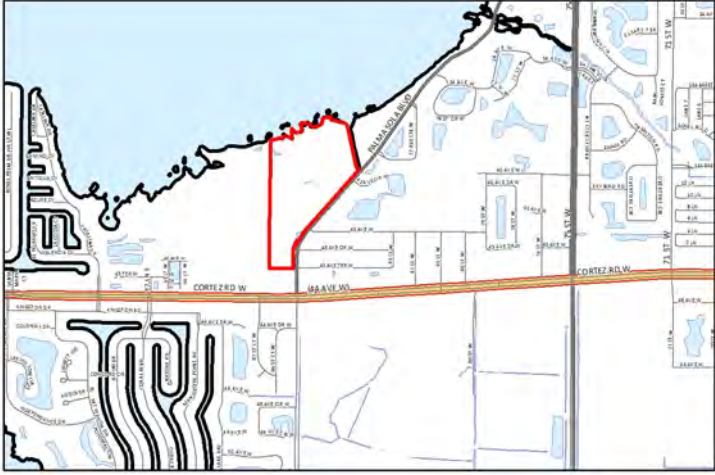
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources	Project# 6068501	Rye Preserve Environmental Center									
Preserves											
Status: Existing Initial Year: 2011 District 1 Location: 905 Rye Wilderness Trail, Parrish											
Comprehensive Plan Information		Project Mgr: Tom Yarger									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope											
Furnish and install a portable classroom obtained from the School Board at Rye Preserve. Includes moving costs, foundation and structural support, water, electricity, septic system, interior refurbishing for environmental classroom purposes and landscaping.											
Rationale											
Manatee County is contractually committed to create and furnish an environmental center with funding from Mosaic Phosphate Corporation as set forth in the development order and operating permit for expansion of mining for the 4 Corners mine into the Altman Track. Mosaic will provide education materials and also make volunteers periodically available on a pre-arranged basis to assist in the educational programs.											
Funding Strategy											
General Revenues Developer Contribution Phosphate Severance											
Project Map											
											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/10	12/31/15	0	100,000	0	0	0	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/10	12/31/15	209,578	225,000	0	0	0	0	0	0	225,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/15	16,297	2,000	0	0	0	0	0	0	2,000
Totals:			225,875	327,000	0	0	0	0	0	0	327,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						327,000
					Total Funding:						327,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Ungarelli Parking Areas						
Preserves			6069604								
Status: Existing Initial Year: 2014 District 3 Location: 4000 Palma Sola Blvd											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
Construction of two parking areas.											
Rationale											
Provide parking for preserve visitors.											
Funding Strategy											
General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/15	09/30/17	13,505	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/15	09/30/17	0	58,290	0	0	0	0	0	0	58,290
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			13,505	58,290	0	0	0	0	0	0	58,290
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						58,290
					Total Funding:						58,290

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Parks & Natural Resources			Project#		Ungarelli Pavilion						
Preserves			6069603								
Status: Existing Initial Year: 2014 District 3 Location: 4000 Palma Sola Blvd											
Comprehensive Plan Information							Project Mgr: Charlie Hunsicker				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Growth		
Scope						Project Map					
Construction of small pavilion in Ungarelli Preserve.											
Rationale											
Provide recreational area for preserve visitors.											
Funding Strategy											
General Revenues											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/16	1,354	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	09/30/16	15,998	38,300	0	0	0	0	0	0	38,300
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/16	1,200	0	0	0	0	0	0	0	0
Totals:			18,552	38,300	0	0	0	0	0	0	38,300
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						38,300
					Total Funding:						38,300



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Potable Water

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	52,488,659	88,665,119	0	0	0	0	0	0	88,665,119
Debt Proceeds	0	0	0	25,200,000	1,000,000	0	0	0	26,200,000
Facility Investment Fees	0	0	300,000	300,000	300,000	300,000	3,900,000	29,400,000	34,500,000
Rates	0	0	19,042,100	8,276,600	20,389,900	8,826,500	10,930,000	28,000,000	95,465,100
Total Source of Funds	52,488,659	88,665,119	19,342,100	33,776,600	21,689,900	9,126,500	14,830,000	57,400,000	244,830,219

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
Potable Water Distribution	3,929,797	7,040,000	4,127,000	1,891,000	1,686,000	0	100,000	0	14,844,000
Potable Water Renewal/Replacement	20,153,550	25,894,479	2,022,000	2,885,600	4,703,900	8,576,500	7,580,000	28,000,000	79,662,479
Potable Water Supply	23,637,549	25,421,449	5,700,000	300,000	300,000	300,000	3,900,000	29,400,000	65,321,449
Potable Water Transportation Related	1,400,995	6,245,251	0	0	0	0	1,000,000	0	7,245,251
Potable Water Treatment	3,366,768	24,063,940	7,493,100	28,700,000	15,000,000	250,000	2,250,000	0	77,757,040
Total Use of Funds	52,488,659	88,665,119	19,342,100	33,776,600	21,689,900	9,126,500	14,830,000	57,400,000	244,830,219



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Potable Water Distribution									
1 63rd Avenue East and 39th Street East Loop (6031770 / Existing)	20,776	67,000	624,000	0	0	0	0	0	691,000
2 63rd Street East Loop - Braden River Road (6077970 / Existing)	0	0	363,000	0	0	0	0	0	363,000
3 Country Club Heights - Water (PW01103 / Existing)	0	0	0	115,000	686,000	0	0	0	801,000
4 Erie Road Major Water Main (6028271 / Existing)	0	0	492,000	1,776,000	1,000,000	0	0	0	3,268,000
5 Fort Hamer Water Main Crossing (6054770 / Existing)	3,660,142	5,170,000	0	0	0	0	0	0	5,170,000
6 Mulholland Road Utility Extension (6046270 / Existing)	22,275	93,000	1,029,000	0	0	0	0	0	1,122,000
7 Potable Water Line Extensions & Participation Agreements (PW01220 / Requested)	0	0	0	0	0	0	100,000	0	100,000
8 US 301 at Ellenton Gillette Road (6035171 / Existing)	5,749	230,000	0	0	0	0	0	0	230,000
9 Whispering Pines and Palma Sola Woods Water Main (PW00984 / Existing)	0	0	119,000	0	0	0	0	0	119,000
10 Whitfield Avenue / Lockwood Ridge to Prospect - 16 Inch Water (6040970 / Existing)	220,855	1,480,000	1,500,000	0	0	0	0	0	2,980,000
Potable Water Distribution	3,929,797	7,040,000	4,127,000	1,891,000	1,686,000	0	100,000	0	14,844,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Potable Water Renewal/Replacement									
11 64th Avenue, 65th Avenue Drive, Winter Garden Drive (PW01212 / Requested)	0	0	0	0	0	864,500	0	0	864,500
12 66th Street Complex Chiller Replacement (6019207 / Existing)	76,275	1,000,000	0	0	0	0	0	0	1,000,000
13 69th Avenue Water Main Loop from 63rd Avenue West to US 41 (6078070 / Existing)	0	0	196,000	1,121,000	0	0	0	0	1,317,000
14 Anna Maria Water Line Improvements (6002870 / Existing)	2,934,119	3,558,652	250,000	250,000	250,000	250,000	250,000	0	4,808,652
15 Canal Road Water Main Replacement (6067370 / Existing)	58,782	244,000	1,376,000	0	0	0	0	0	1,620,000
16 Ciprianis Subdivision 1st and 2nd (PW01213 / Requested)	0	0	0	368,500	0	0	0	0	368,500
17 Cortez Gardens (PW01214 / Requested)	0	0	0	0	0	227,500	0	0	227,500
18 DeSoto Memorial Highway (PW01215 / Requested)	0	0	0	0	255,000	0	0	0	255,000
19 Distribution Building / Annex Rehab (66th Street Complex) (6019208 / Existing)	351,091	2,500,000	0	0	0	0	0	0	2,500,000
20 Elwood I Booster Pump Station, Pump 1,6,7 Replacement (PW01209 / Requested)	0	0	0	0	0	380,000	0	0	380,000
21 End of Service Life Distribution Line Replacement (PW01110 / Existing)	0	0	0	0	390,000	5,046,800	4,895,000	27,226,000	37,557,800
22 Flamingo Cay Water Main Replacement (PW01020 / Existing)	0	0	0	153,000	909,000	0	0	0	1,062,000
23 Fogarty's Subdivision (PW01216 / Requested)	0	0	0	86,100	519,300	0	0	0	605,400
24 Franklin Avenue & US 301 N Loop (PW01217 / Requested)	0	0	0	0	306,600	0	0	0	306,600
25 Garden Heights - Water (6085170 / Existing)	822,396	1,105,000	0	0	0	0	0	0	1,105,000
26 Grove Haven Subdivision - Water (PW01106 / Existing)	0	0	0	0	159,000	0	0	0	159,000
27 Harbor Hills (PW01348 / Requested)	0	0	0	0	0	105,000	965,000	0	1,070,000
28 Hazelhurst Subdivision - Water (PW01105 / Existing)	0	0	0	0	384,000	0	0	0	384,000
29 Key Royale - Anna Maria Waterline Improvement (6083070 / Existing)	715,211	715,212	0	0	0	0	0	0	715,212

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
30 Palma Sola Subdivision Water Line Improvements (6053370 / Existing)	2,621,958	2,875,229	200,000	200,000	200,000	200,000	200,000	0	3,875,229
31 Palmetto Point Water Main Replacement (PW01218 / Requested)	0	0	0	0	231,000	1,312,000	0	0	1,543,000
32 Pic Town Estates - Water Phase I (6074870 / Existing)	981,202	1,810,121	0	0	0	0	0	0	1,810,121
33 San Remo Shores - Water (PW01104 / Existing)	0	0	0	175,000	1,100,000	0	0	0	1,275,000
34 Suburban System - Water (6074770 / Existing)	3,790,545	4,203,324	0	0	0	0	0	0	4,203,324
35 Tangelo Park (PW01219 / Requested)	0	0	0	0	0	190,700	1,140,000	0	1,330,700
36 US41 Manatee River Crossing Water Main Replacement (PW01023 / Requested)	0	0	0	0	0	0	130,000	774,000	904,000
37 Water Facility - Tainter Gates - Water (6026073 / Existing)	7,801,971	7,882,941	0	0	0	0	0	0	7,882,941
38 Willow Woods and Lakes Estates Water Main Upgrade (PW01022 / Existing)	0	0	0	532,000	0	0	0	0	532,000
Potable Water Renewal/Replacement	20,153,550	25,894,479	2,022,000	2,885,600	4,703,900	8,576,500	7,580,000	28,000,000	79,662,479
Potable Water Supply									
39 Buffalo Creek Wells/Brackish Reverse Osmosis Treatment (PW01108 / Requested)	0	0	0	0	0	0	3,600,000	29,400,000	33,000,000
40 Downstream Floodway Land Acquisition (6021672 / Existing)	1,807,491	2,099,140	100,000	100,000	100,000	100,000	100,000	0	2,599,140
41 Lake Manatee Dam Repairs (6026075 / Existing)	18,209,776	19,100,000	5,400,000	0	0	0	0	0	24,500,000
42 Lake Manatee Watershed Land Purchases (6021670 / Existing)	3,544,228	3,844,229	100,000	100,000	100,000	100,000	100,000	0	4,344,229
43 Water Supply Acquisitions (6058700 / Existing)	76,054	378,080	100,000	100,000	100,000	100,000	100,000	0	878,080
Potable Water Supply	23,637,549	25,421,449	5,700,000	300,000	300,000	300,000	3,900,000	29,400,000	65,321,449

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Potable Water Transportation Related									
44 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
45 44th Avenue East - 15th Street East - 19th Street Court East - Utilities (6045670 / Existing)	105,762	400,000	0	0	0	0	0	0	400,000
46 44th Avenue East - 19th Street Court East - 30th Street East - Water (6045671 / Existing)	0	850,000	0	0	0	0	0	0	850,000
47 44th Avenue East - 30th Street East - 45th Street East - Water (6071170 / Existing)	52,079	1,402,079	0	0	0	0	0	0	1,402,079
48 44th Avenue East - US 41 - 15th Street East - Water (6001070 / Existing)	547,155	1,000,000	0	0	0	0	0	0	1,000,000
49 45th Street East - 44th Avenue East - SR 70 - Water (6025672 / Existing)	56,828	365,000	0	0	0	0	0	0	365,000
50 53rd Avenue West - 43rd Street West - 75th Street West - Potable Water (6082970 / Existing)	0	600,000	0	0	0	0	0	0	600,000
51 9th Street East - 53rd Avenue East - 57th Avenue East (6040470 / Existing)	71,438	170,000	0	0	0	0	0	0	170,000
52 Potable Transportation Related (PW01351 / Requested)	0	0	0	0	0	0	1,000,000	0	1,000,000
53 SR 64 - Carlton Arms - I-75 - Water Relocation (6059970 / Existing)	250,672	367,063	0	0	0	0	0	0	367,063
54 US 301 - Fort Hamer Intersection - Water (6061970 / Existing)	196,175	220,000	0	0	0	0	0	0	220,000
55 US 301/CR 675 to Moccasin Wallow Road - Water (6085470 / Existing)	37,929	749,474	0	0	0	0	0	0	749,474
Potable Water Transportation Related	1,400,995	6,245,251	0	0	0	0	1,000,000	0	7,245,251

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Potable Water	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Potable Water Treatment									
56 Lake Manatee Ultra Filtration Membrane Process Upgrade (6050470 / Existing)	2,205,724	6,533,940	0	28,000,000	15,000,000	0	0	0	49,533,940
57 North Water Treatment Plant Generator Replacement Main Plant Power 1&2 (6037972 / Existing)	0	630,000	0	0	0	0	0	0	630,000
58 Raw Water #2 Motor Control Component Replacement (6025974 / Requested)	0	0	353,100	0	0	0	0	0	353,100
59 SCADA Replacement (PW01350 / Requested)	0	0	0	0	0	250,000	2,250,000	0	2,500,000
60 Water Treatment Plant Biological Treatment Unit (6085870 / Existing)	1,161,044	16,900,000	7,000,000	0	0	0	0	0	23,900,000
61 Water Treatment Plant Motor Control Center "A" Replacement (6025973 / Existing)	0	0	140,000	700,000	0	0	0	0	840,000
Potable Water Treatment	3,366,768	24,063,940	7,493,100	28,700,000	15,000,000	250,000	2,250,000	0	77,757,040



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 / Propsect - 39th St E & on 39th St E / 63rd Ave E - 62nd Ave E											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/15	15,852	67,000	0	0	0	0	0	0	67,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/16	0	0	624,000	0	0	0	0	0	624,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/16	4,924	0	0	0	0	0	0	0	0
Totals:			20,776	67,000	624,000	0	0	0	0	0	691,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						67,000
					Rates						624,000
					Total Funding:						691,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Jeff Streitmatter				
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	06/30/16	0	0	52,000	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	0	311,000	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	0	0	0	0	0	0	0	0	0
Totals:			0	0	363,000	0	0	0	0	0	363,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources										Amount	
Rates										363,000	
Total Funding:										363,000	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Country Club Heights - Water						
Potable Water Distribution			PW01103								
Status: Existing Initial Year: 2014 District 3 Location: Between 3400 Block between 43rd Street West, from 13th Avenue to 17th Avenue West											
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 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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	115,000	0	0	0	0	115,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	0	686,000	0	0	0	686,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	115,000	686,000	0	0	0	801,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						801,000
					Total Funding:						801,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Erie Road Major Water Main									
Potable Water Distribution	6028271										
Status: Existing Initial Year: 2014 District 1 Location: Erie Road - Harrison Ranch Blvd - St. Mary's Mission											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Installation of new 24 inch ductile iron pipe (DIP) waterline.											
Rationale											
Complete a major looped system for Erie Road and Copperstone Phase 1. 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.											
Funding Strategy											
Debt Proceeds Utility Rates											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	09/30/16	0	0	492,000	0	0	0	0	0	492,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	12/31/17	0	0	0	1,776,000	1,000,000	0	0	0	2,776,000
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	492,000	1,776,000	1,000,000	0	0	0	3,268,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					Debt Proceeds						
					1,000,000						
					Rates						
					2,268,000						
					Total Funding:						
					3,268,000						

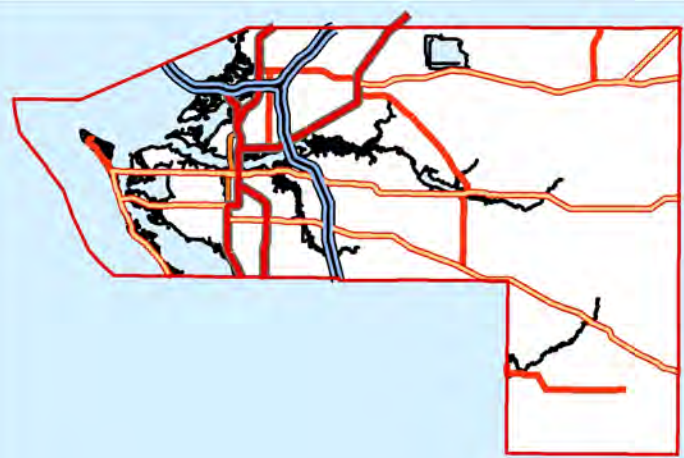
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Fort Hamer Water Main Crossing									
Potable Water Distribution	6054770										
Status: Existing Initial Year: 2010 District 1 Location: Ft Hamer Road to Upper Manatee River Road											
Comprehensive Plan Information		Project Mgr: Kent Bontrager									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construction of 8,200 linear feet of 24 inch to 30 inch water main crossing from Fort Hamer Road to Upper Manatee River Road.											
Rationale											
Project will provide second water main supply and improved water main redundancy to the north county area.											
Funding Strategy											
Debt Proceeds Utility Rates Water Facility Investment Fees											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	06/01/10	09/30/13	312,225	140,000	0	0	0	0	0	0	140,000
Land:	10/01/12	06/30/13	0	0	0	0	0	0	0	0	0
Construction:	07/01/13	03/31/16	3,043,464	4,885,000	0	0	0	0	0	0	4,885,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	06/01/10	03/31/16	304,453	145,000	0	0	0	0	0	0	145,000
Totals:			3,660,142	5,170,000	0	0	0	0	0	0	5,170,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						5,170,000
					Total Funding:						5,170,000

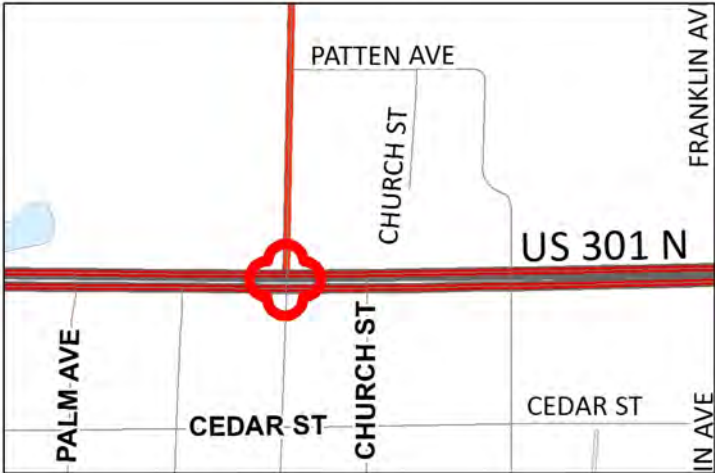
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Mulholland Road Utility Extension						
Potable Water Distribution			6046270								
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						Project Map					
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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/15	12/31/15	21,556	93,000	0	0	0	0	0	0	93,000
Land:	10/01/15	09/30/16	0	0	500,000	0	0	0	0	0	500,000
Construction:	01/01/16	03/31/17	0	0	529,000	0	0	0	0	0	529,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/15	03/31/17	719	0	0	0	0	0	0	0	0
Totals:			22,275	93,000	1,029,000	0	0	0	0	0	1,122,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						93,000
					Rates						1,029,000
					Total Funding:						1,122,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Potable Water Line Extensions & Participation Agreements									
Potable Water Distribution	PW01220										
Status: Requested 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											
Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	10/14/14	09/30/19	0	0	0	0	0	0	100,000	0	100,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/14/14	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	100,000	0	100,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						100,000
					Total Funding:						100,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 at Ellenton Gillette Road											
Comprehensive Plan Information		Project Mgr: Kent Bontrager									
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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	243	0	0	0	0	0	0	0	0
Totals:			5,749	230,000	0	0	0	0	0	0	230,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Whispering Pines and Palma Sola Woods Water Main									
Potable Water Distribution	PW00984										
Status: Existing Initial Year: 2014 District 3 Location: Whispering Pines & Palma Sola Woods											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
Install approximately 400 feet of 6 inch high-density polyethylene (HDPE) water main, fire hydrants, gates valves, short services, blowoff, including grouting abandoned main. Hydrants, services and valves will be installed to county and Ten State Standards.											
Rationale											
Extending 6 inch water main and eliminate existing water main through an easement.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	06/30/16	0	0	18,000	0	0	0	0	0	18,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/16	06/30/17	0	0	101,000	0	0	0	0	0	101,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	06/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	119,000	0	0	0	0	0	119,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						119,000
					Total Funding:						119,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Whitfield Avenue / Lockwood Ridge to Prospect - 16 Inch Water						
Potable Water Distribution			6040970								
Status: Existing Initial Year: 2013 District 5 Location: Whitfield Avenue / Lockwood Ridge to Prospect											
Comprehensive Plan Information										Project Mgr: Brian Bates	
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope						Project Map					
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	09/30/14	130,990	480,000	0	0	0	0	0	0	480,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/15	03/31/17	80,047	1,000,000	1,500,000	0	0	0	0	0	2,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	09/30/16	9,819	0	0	0	0	0	0	0	0
Totals:			220,855	1,480,000	1,500,000	0	0	0	0	0	2,980,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,480,000
					Rates						1,500,000
					Total Funding:						2,980,000

Fiscal Year 2016 - 2020 Capital Improvement Program

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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	66th Street Complex Chiller Replacement
Potable Water Renewal/Replacement	6019207	
Status: Existing Initial Year: 2012 District 3 Location: Administration Building at 66th Street West		
Comprehensive Plan Information		Project Mgr: Tom Yarger
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

<u>Scope</u> Replacement of a 40 ton unit with a new 120 ton chiller system including chilled water pumps, associated piping, variable frequency drives, controls and a 400 kilowatt generator to effectively run the new system in emergency situation power failures and associated transfer switching. <u>Rationale</u> The new system is a full replacement of the current chiller system that has passed its life expectancy. A full replacement of the system is required for daily operations of our facility and to accommodate the new 6,000 square foot building planned to be constructed adjacent to the Administration building. This chiller will maximize efficiency and energy savings. The new chiller system will require additional capacity for emergency power requirements. <u>Funding Strategy</u> Utility Rates	Project Map

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/11	03/31/14	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	12/31/14	71,880	500,000	0	0	0	0	0	0	500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	12/31/14	4,395	500,000	0	0	0	0	0	0	500,000
Totals:			76,275	1,000,000	0	0	0	0	0	0	1,000,000

<u>Operating Budget Impacts</u>					<u>Means of Financing</u>	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	1,000,000
Non-Personal:					Total Funding:	1,000,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

Fiscal Year 2016 - 2020 Capital Improvement Program

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

Status: Existing	Initial Year: 2014	District 4	Location: 5th Street - 63rd Avenue W - US 41 - 69th Avenue

Comprehensive Plan Information

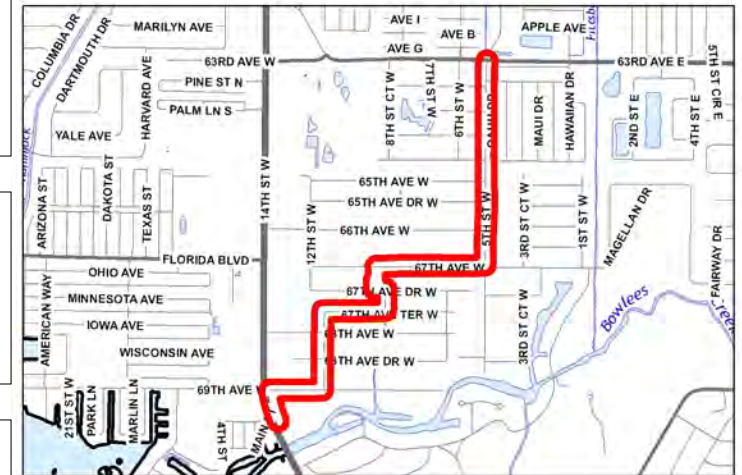
Project Mgr: **Jeff Streitmatter**

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

Scope

Replacement of aged (1965) failing pipe with 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/15	09/30/16	0	0	196,000	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	0	0	1,121,000	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	0	0	0	0	0	0	0	0	0
Totals:			0	0	196,000	1,121,000	0	0	0	0	1,317,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

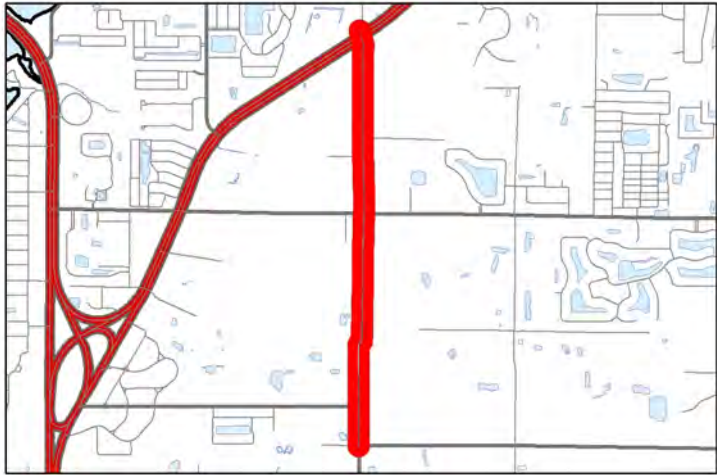
Means of Financing

Funding Sources	Amount
Rates	1,317,000
Total Funding:	1,317,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: 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;">FY2016</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;">Future</th> <th style="text-align: right;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/09</td> <td>09/30/20</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>10/01/09</td> <td>09/30/20</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>10/01/09</td> <td>09/30/20</td> <td style="text-align: right;">1,831,759</td> <td style="text-align: right;">2,537,164</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;">3,612,164</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>10/01/09</td> <td>09/30/20</td> <td style="text-align: right;">1,023,883</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;">2,934,119</td> <td style="text-align: right;">3,558,652</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;">4,808,652</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/09	09/30/20	78,028	115,373	35,000	35,000	35,000	35,000	35,000	0	290,373	Land:	10/01/09	09/30/20	450	18,417	0	0	0	0	0	0	18,417	Construction:	10/01/09	09/30/20	1,831,759	2,537,164	215,000	215,000	215,000	215,000	215,000	0	3,612,164	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/09	09/30/20	1,023,883	887,698	0	0	0	0	0	0	887,698	Totals:			2,934,119	3,558,652	250,000	250,000	250,000	250,000	250,000	0	4,808,652
Schedule of Activities			Programmed Funding																																																																																														
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Design:	10/01/09	09/30/20	78,028	115,373	35,000	35,000	35,000	35,000	35,000	0	290,373																																																																																						
Land:	10/01/09	09/30/20	450	18,417	0	0	0	0	0	0	18,417																																																																																						
Construction:	10/01/09	09/30/20	1,831,759	2,537,164	215,000	215,000	215,000	215,000	215,000	0	3,612,164																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/09	09/30/20	1,023,883	887,698	0	0	0	0	0	0	887,698																																																																																						
Totals:			2,934,119	3,558,652	250,000	250,000	250,000	250,000	250,000	0	4,808,652																																																																																						
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Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project# 6067370	Canal Road Water Main Replacement									
Potable Water Renewal/Replacement											
Status: Existing Initial Year: 2014 District 2 Location: Canal Road from Mendoza to US 41											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replace 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 valve 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	12/31/15	58,492	244,000	0	0	0	0	0	0	244,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/16	03/31/17	0	0	1,376,000	0	0	0	0	0	1,376,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	03/31/17	290	0	0	0	0	0	0	0	0
Totals:			58,782	244,000	1,376,000	0	0	0	0	0	1,620,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					244,000						
					Rates						
					1,376,000						
					Total Funding:						
					1,620,000						

MANATEE COUNTY GOVERNMENT

Potable Water			Project#		Ciprianis Subdivision 1st and 2nd				
Potable Water Renewal/Replacement			PW01213						
Status: Requested Initial Year: 2017 District 3 Location: Cipriani's Subdivision 1st & 2nd									
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.									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Cortez Gardens						
Potable Water Renewal/Replacement			PW01214								
Status: Requested Initial Year: 2019 District 3 Location: 62nd Street W to 40th Avenue W											
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.											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	32,600	0	0	32,600
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/19	09/30/19	0	0	0	0	0	194,900	0	0	194,900
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	227,500	0	0	227,500
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						227,500
					Total Funding:						227,500

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	DeSoto Memorial Highway									
Potable Water Renewal/Replacement	PW01215										
Status: Requested Initial Year: 2019 District 3 Location: 75th St NW from 79th St NW to 83rd St NW											
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											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	03/31/19	0	0	0	0	34,500	0	0	0	34,500
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/19	09/30/19	0	0	0	0	220,500	0	0	0	220,500
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	255,000	0	0	0	255,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						255,000
					Total Funding:						255,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	09/30/13	316,085	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	03/31/16	5,300	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	03/31/16	29,707	0	0	0	0	0	0	0	0
Totals:			351,091	2,500,000	0	0	0	0	0	0	2,500,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Rates						0
					Total Funding:						2,500,000

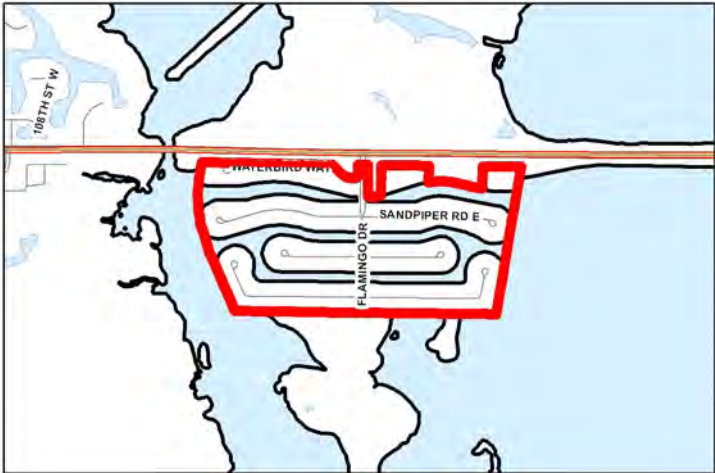
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Elwood I Booster Pump Station, Pump 1,6,7 Replacement						
Potable Water Renewal/Replacement			PW01209								
Status: Requested 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/20	0	0	0	0	0	380,000	0	0	380,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	380,000	0	0	380,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						380,000
					Total Funding:						380,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/20	0	0	0	0	390,000	0	0	0	390,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	09/30/20	0	0	0	0	0	5,046,800	4,895,000	27,226,000	37,167,800
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	0	0	0	390,000	5,046,800	4,895,000	27,226,000	37,557,800
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						37,557,800
					Total Funding:						37,557,800

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Flamingo Cay Water Main Replacement									
Potable Water Renewal/Replacement	PW01020										
Status: Existing Initial Year: 2014 District 3 Location: Manatee Avenue & Flamingo Cay Drive West											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	153,000	0	0	0	0	153,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/19	0	0	0	0	909,000	0	0	0	909,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	153,000	909,000	0	0	0	1,062,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,062,000
					Total Funding:						1,062,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

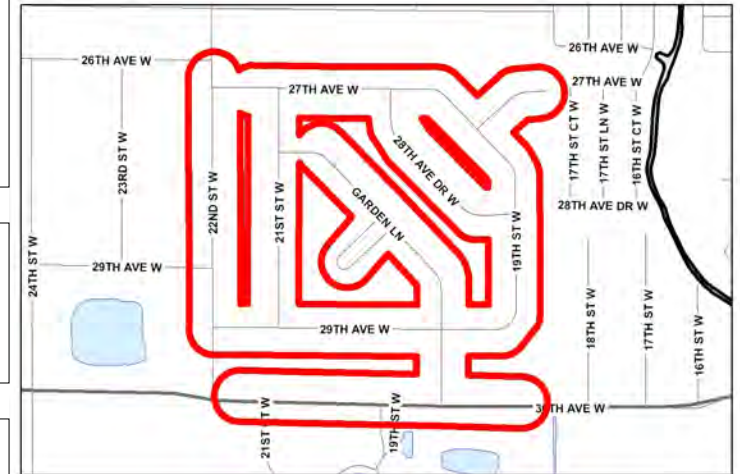
Potable Water			Project#		Fogarty's Subdivision						
Potable Water Renewal/Replacement			PW01216								
Status: Requested Initial Year: 2017 District 2 Location: Fogarty's Subdivision 34th, 36th, 37th Street West from Manatee Avenue to 1st Avenue West											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No			LOS/Concurrency: No			Plan Reference:		Project Need: Maintenance			
Scope						Project Map					
Replace approximately 6,500 feet of existing 2 and 6 inch water mains that are asbestos cement or galvanized iron, along with 5 fire hydrants, 26 gate valves and 66 replaced services. All items installed to county and Ten State Standards.											
Rationale											
Improve water quality and add fire protection.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	86,100	0	0	0	0	86,100
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	09/30/18	0	0	0	0	519,300	0	0	0	519,300
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	0	0	86,100	519,300	0	0	0	605,400
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						605,400
					Total Funding:						605,400

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Franklin Avenue & US 301 N Loop												
Potable Water Renewal/Replacement			PW01217														
Status: Requested Initial Year: 2018 District 2 Location: Franklin Avenue & US 301 N Loop																	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	10/01/17	03/31/18	0	0	0	0	45,600	0	0	0	45,600						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/18	03/31/19	0	0	0	0	261,000	0	0	0	261,000						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/17	03/31/19	0	0	0	0	0	0	0	0	0						
Totals:			0	0	0	0	306,600	0	0	0	306,600						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No.of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						306,600						
					Total Funding:						306,600						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Garden Heights - Water						
Potable Water Renewal/Replacement			6085170								
Status: Existing Initial Year: 2013 District 2 Location: 22nd Street West to Drainage Canal from 30th Avenue West to 27th Avenue West											
Comprehensive Plan Information							Project Mgr: Kent Bontrager				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replacement of 6,900 feet of 6 inch water main to be installed in the front right of way with isolation valves, fire hydrants and services from main to meters. Hydrants, services and valves will be installed to county and Ten State Standards.											
Rationale											
Current potable water system is undersized; has inadequate fire protection and is located within an existing easement where maintenance accessibility is limited.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	09/30/13	57,080	30,000	0	0	0	0	0	0	30,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	12/31/15	672,498	1,075,000	0	0	0	0	0	0	1,075,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/15	92,818	0	0	0	0	0	0	0	0
Totals:			822,396	1,105,000	0	0	0	0	0	0	1,105,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,105,000
					Total Funding:						1,105,000



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Grove Haven Subdivision - Water
Potable Water Renewal/Replacement	PW01106	
Status: Existing Initial Year: 2014 District 3 Location: 52nd Street - 52nd Court West - 23rd Avenue - 24th Avenue Drive West		
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	

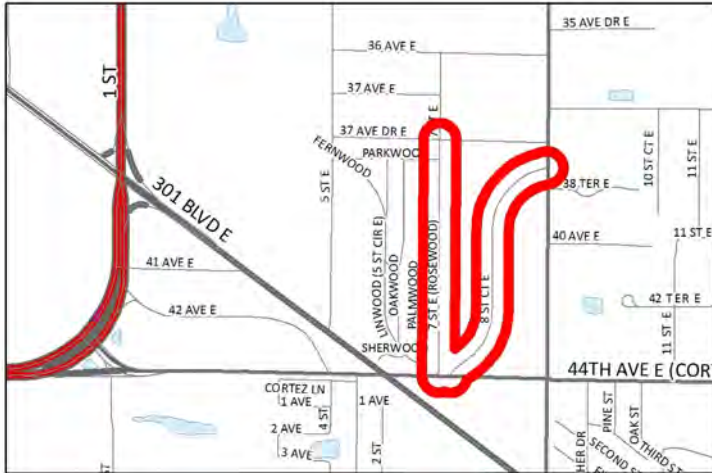
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	03/31/18	0	0	0	0	23,000	0	0	0	23,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/18	12/31/18	0	0	0	0	136,000	0	0	0	136,000
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	0	159,000	0	0	0	159,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					Rates	159,000
Non-Personal:					Total Funding:	159,000
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Harbor Hills									
Potable Water Renewal/Replacement	PW01348										
Status: Requested Initial Year: 2019 District 3 Location: Hill Crest Drive - Harbor Rd - Park Dr - Fontana Lane											
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 up sizing 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	105,000	0	0	105,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/20	0	0	0	0	0	0	965,000	0	965,000
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	0	105,000	965,000	0	1,070,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,070,000
					Total Funding:						1,070,000

Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Hazelhurst Subdivision - Water															
Potable Water Renewal/Replacement			PW01105																	
Status: Existing Initial Year: 2014 District 2 Location: Between 7th Street to 9th Street East from 44th Avenue to 37th Avenue Drive East																				
<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>															
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.																				
<u>Rationale</u>																				
To provide fire protection and increase water quality to Hazelhurst Subdivision.																				
<u>Funding Strategy</u>																				
Utility Rates																				
<u>Schedule of Activities</u>																				
Activity			From		To		Programmed Funding					Appropriated to Date								
			Expended to Date		Prior Year Approp.		FY2016		FY2017		FY2018		FY2019		FY2020		Future			
Design:			10/01/17		03/31/18		0		0		0		0		55,000		0		55,000	
Land:							0		0		0		0		0		0		0	
Construction:			04/01/18		12/31/18		0		0		0		0		329,000		0		329,000	
Equipment:							0		0		0		0		0		0		0	
Project Mgt.:			10/01/17		12/31/18		0		0		0		0		0		0		0	
Totals:							0		0		0		0		384,000		0		384,000	
<u>Operating Budget Impacts</u>																				
			FY2017		FY2018		FY2019		FY2020		<u>Means of Financing</u>									
Personal:											Funding Sources						Amount			
Non-Personal:											Rates						384,000			
Operating Capital:											Total Funding:						384,000			
Operating Total:																				
No.of Positions:			0		0		0		0											

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Key Royale - Anna Maria Waterline Improvement																																																															
Potable Water Renewal/Replacement	6083070																																																																
Status: Existing Initial Year: 2012 District 3 Location: Key Royale to South Bay Blvd, Anna Maria Island																																																																	
Comprehensive Plan Information		Project Mgr: Anthony Benitez																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																															
Scope																																																																	
Construct 1,200 linear feet of 6 inch and 8 inch High Density Polyethylene (HDPE) waterline by directional drilling to connect to existing dead end 6 inch waterlines on Key Royale Drive and South Bay Boulevard.																																																																	
Rationale																																																																	
To improve water quality and pressure on two dead end waterlines by looping the system.																																																																	
Funding Strategy																																																																	
Utility Rates																																																																	
Project Map																																																																	
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%;">FY2016</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%;">Future</th> <th style="width: 10%;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/12 09/30/13</td> <td>19,842</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>10/01/12 12/31/13</td> <td>0</td> <td>60,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>60,000</td> </tr> <tr> <td>Construction:</td> <td>10/01/13 09/30/15</td> <td>613,908</td> <td>644,956</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>644,956</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>10/01/12 09/30/15</td> <td>81,461</td> <td>10,256</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>10,256</td> </tr> <tr> <td>Totals:</td> <td></td> <td>715,211</td> <td>715,212</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>715,212</td> </tr> </tbody> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/12 09/30/13	19,842	0	0	0	0	0	0	Land:	10/01/12 12/31/13	0	60,000	0	0	0	0	60,000	Construction:	10/01/13 09/30/15	613,908	644,956	0	0	0	0	644,956	Equipment:		0	0	0	0	0	0	0	Project Mgt.:	10/01/12 09/30/15	81,461	10,256	0	0	0	0	10,256	Totals:		715,211	715,212	0	0	0	0	715,212
Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:	10/01/12 09/30/13	19,842	0	0	0	0	0	0																																																									
Land:	10/01/12 12/31/13	0	60,000	0	0	0	0	60,000																																																									
Construction:	10/01/13 09/30/15	613,908	644,956	0	0	0	0	644,956																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/12 09/30/15	81,461	10,256	0	0	0	0	10,256																																																									
Totals:		715,211	715,212	0	0	0	0	715,212																																																									
Operating Budget Impacts																																																																	
	FY2017	FY2018	FY2019	FY2020																																																													
Personal:																																																																	
Non-Personal:																																																																	
Operating Capital:																																																																	
Operating Total:																																																																	
No. of Positions:	0	0	0	0																																																													
					Means of Financing																																																												
					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">Funding Sources</th> <th style="width: 20%;">Amount</th> </tr> </thead> <tbody> <tr> <td>All Prior Funding</td> <td style="text-align: right;">715,212</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">715,212</td> </tr> </tbody> </table>	Funding Sources	Amount	All Prior Funding	715,212	Total Funding:	715,212																																																						
Funding Sources	Amount																																																																
All Prior Funding	715,212																																																																
Total Funding:	715,212																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 to 75th Street W along Manatee Ave, South to Alhambra Drive		
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								Appropriated to Date
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	
Design:	10/01/04	09/30/14	103,087	113,000	30,000	30,000	30,000	30,000	30,000	0	263,000
Land:	10/01/04	06/01/05	1,281	0	0	0	0	0	0	0	0
Construction:	06/01/05	09/30/20	1,367,230	1,992,889	170,000	170,000	170,000	170,000	170,000	0	2,842,889
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/04	09/30/20	1,150,360	769,340	0	0	0	0	0	0	769,340
Totals:			2,621,958	2,875,229	200,000	200,000	200,000	200,000	200,000	0	3,875,229

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	2,875,229
Rates	1,000,000
Total Funding:	3,875,229

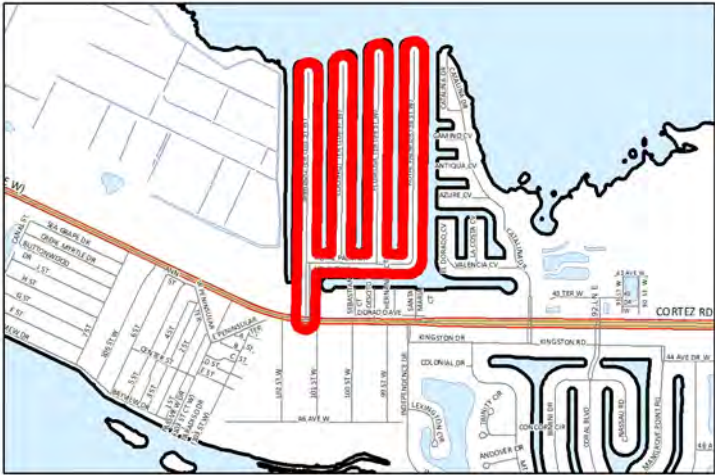
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Palmetto Point Water Main Replacement						
Potable Water Renewal/Replacement			PW01218								
Status: Requested Initial Year: 2018 District 1 Location: Palmetto Point Water Main Replacement											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
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.						Project Map 					
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	0	231,000	0	0	0	231,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	09/30/19	0	0	0	0	0	1,312,000	0	0	1,312,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	231,000	1,312,000	0	0	1,543,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,543,000
					Total Funding:						1,543,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project# 6074870	Pic Town Estates - Water Phase I									
Potable Water Renewal/Replacement											
Status: Existing Initial Year: 2009 District 4 Location: Orlando Avenue South to 52nd Avenue West Between 9th Street West and 14th Street West											
Comprehensive Plan Information		Project Mgr: Brian Bates									
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	03/01/09	09/30/14	240,809	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:	04/01/15	09/30/16	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	09/30/16	81,362	126,371	0	0	0	0	0	0	126,371
Totals:			981,202	1,810,121	0	0	0	0	0	0	1,810,121
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program

Potable Water	Project#	San Remo Shores - Water										
Potable Water Renewal/Replacement	PW01104											
Status: Existing Initial Year: 2014 District 3 Location: Between Cortez Rd and Palma Sola Bay on Bamboo Terrace to Royal Palm Drive												
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						Appropriated to Date	
Design:	10/01/16	09/30/17	0	0	0	175,000	0	0	0	0	0	175,000
Land:			0	0	0	0	0	0	0	0	0	0
Construction:	10/01/17	12/31/18	0	0	0	0	1,100,000	0	0	0	0	1,100,000
Equipment:			0	0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	12/31/18	0	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	175,000	1,100,000	0	0	0	0	1,275,000
Operating Budget Impacts												
	FY2017	FY2018	FY2019	FY2020								
Personal:												
Non-Personal:												
Operating Capital:												
Operating Total:												
No. of Positions:	0	0	0	0								
					Means of Financing							
					Funding Sources						Amount	
					Rates						1,275,000	
					Total Funding:						1,275,000	

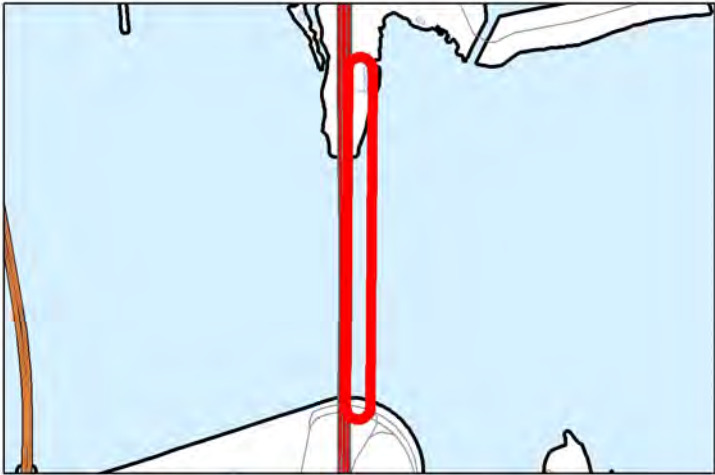
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Suburban System - Water						
Potable Water Renewal/Replacement			6074770								
Status: Existing Initial Year: 2009 District 4 Location: 58th Ave W, North to 53rd Ave W, Between 26th St W and 14th St W											
Comprehensive Plan Information							Project Mgr: Brian Bates				
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	02/01/09	09/30/10	416,789	273,616	0	0	0	0	0	0	273,616
Land:	10/01/10	06/30/12	2,100	50,000	0	0	0	0	0	0	50,000
Construction:	07/01/12	09/30/15	3,064,511	3,639,570	0	0	0	0	0	0	3,639,570
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	02/01/09	09/30/15	307,144	240,138	0	0	0	0	0	0	240,138
Totals:			3,790,545	4,203,324	0	0	0	0	0	0	4,203,324
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Tangelo Park						
Potable Water Renewal/Replacement			PW01219								
Status: Requested Initial Year: 2018 District 4 Location: Tangelo Park, 14th St W to 5th St W from Cortez Plaza to Fairlane Acres											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance		
Scope						Project Map					
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											
Schedule of Activities						Programmed Funding					
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	190,700	0	0	190,700
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	09/30/20	0	0	0	0	0	0	1,140,000	0	1,140,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	190,700	1,140,000	0	1,330,700
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,330,700
					Total Funding:						1,330,700

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	US41 Manatee River Crossing Water Main Replacement									
Potable Water Renewal/Replacement	PW01023										
Status: Requested Initial Year: 2014 District 2 Location: US 41 from Bradenton to Palmetto on the East Side of the 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 inspection shows a continued deterioration of the external walls of the main.											
Funding Strategy											
Utility Rates											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	0	0	0	130,000	0	130,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	09/30/19	0	0	0	0	0	0	0	774,000	774,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	130,000	774,000	904,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						904,000
					Total Funding:						904,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Water Facility - Tainter Gates - Water
Potable Water Renewal/Replacement	6026073	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/08	06/30/10	1,190,411	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	09/30/15	6,089,914	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	09/30/15	521,646	183,500	0	0	0	0	0	0	183,500
Totals:			7,801,971	7,882,941	0	0	0	0	0	0	7,882,941

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	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 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Willow Woods and Lakes Estates Water Main Upgrade
Potable Water Renewal/Replacement	PW01022	
Status: Existing Initial Year: 2014 District 3 Location: 21st Ave W and 26th Ave W Between 43rd St W and 51st St W		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

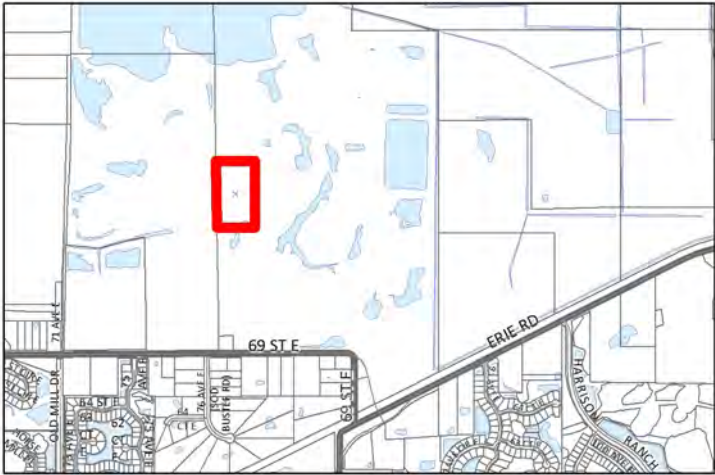
Scope	Project Map
Upgrade the main with a looped system and in-line isolation valves to the adjacent streets for a total of approximately 3,900 feet of 6 inch water main, valves and fire hydrants. Hydrants and valves will be installed to county and Ten State Standards.	
Rationale	
The inline valves at 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	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	06/30/17	0	0	0	77,000	0	0	0	0	77,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/17	06/30/18	0	0	0	455,000	0	0	0	0	455,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	06/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	532,000	0	0	0	0	532,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					Rates	532,000
Non-Personal:					Total Funding:	532,000
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Buffalo Creek Wells/Brackish Reverse Osmosis Treatment
Potable Water Supply	PW01108	
Status: Requested Initial Year: 2014 District 1 Location: 7920 69th Street East, Parrish		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: Yes LOS/Concurrency: Yes Plan Reference: Project Need: Growth		

Scope	Project Map
Construction of a water treatment plant consisting of 12 new production wells, associated monitoring wells and well pumps, electrical service, instrumentation components and 18,000 linear feet of raw water transmission main to the reverse osmosis (RO) water treatment plant site. Monitoring wells will be cited and constructed in accordance with the Southwest Florida Water Management District Consolidated Water Use Permit. This construction also includes design and permitting of a three million gallons per day finished water brackish RO treatment plant to include multi-media filtration, RO building, three million gallon ground storage tank, high speed pump station, emergency generator and fuel storage tank, chemical building, stormwater detention pond and access roadway and parking. Piping, systems and buildings will be sized to be expandable to a 6 million gallon per day finished water facility. Well field construction to be completed prior to plant to allow water quality information and fine tuning of plant design.	
Rationale	
Provides a needed potable water source north of Manatee River for new demands in that area and provides redundancy to the potable water lines crossing Manatee River. It also diversifies our potable water sources, providing a drought proof source to compliment the surface water from Lake Manatee and the fresh ground water from the east county wellfield.	
Funding Strategy	
Facility Investment Fees - Water	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	0	3,600,000	0	3,600,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/21	0	0	0	0	0	0	0	29,400,000	29,400,000
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	0	0	0	3,600,000	29,400,000	33,000,000

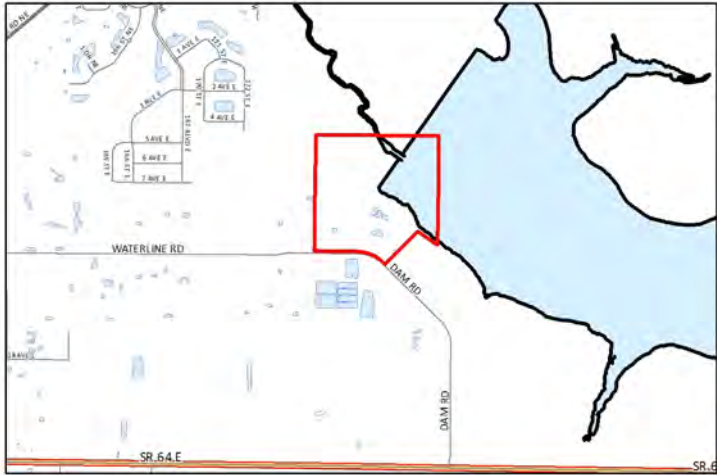
Operating Budget Impacts				
	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
Facility Investment Fees	33,000,000
Total Funding:	33,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	06/01/02	09/30/20	27,041	68,000	0	0	0	0	0	0	68,000
Land:	06/01/02	09/30/20	1,681,546	1,360,636	100,000	100,000	100,000	100,000	100,000	0	1,860,636
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	09/30/20	94,614	468,504	0	0	0	0	0	0	468,504
Totals:			1,807,491	2,099,140	100,000	100,000	100,000	100,000	100,000	0	2,599,140
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					2,099,140						
					Facility Investment Fees						
					500,000						
					Total Funding:						
					2,599,140						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Lake Manatee Dam Repairs									
Potable Water Supply	6026075										
Status: Existing Initial Year: 2014 District 1 Location: Dam Road											
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 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.											
Rationale											
Emergency repairs needed due to identified failures at the dam.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/01/14	10/31/14	18,209,776	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	09/30/16	0	19,100,000	5,400,000	0	0	0	0	0	24,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/14	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			18,209,776	19,100,000	5,400,000	0	0	0	0	0	24,500,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					19,100,000						
					Rates						
					5,400,000						
					Total Funding:						
					24,500,000						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
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											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/20	26,605	26,606	0	0	0	0	0	0	26,606
Land:	10/01/07	09/30/20	3,322,257	3,422,011	100,000	100,000	100,000	100,000	100,000	0	3,922,011
Construction:	10/01/07	09/30/20	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	09/30/20	96,441	107,737	0	0	0	0	0	0	107,737
Totals:			3,544,228	3,844,229	100,000	100,000	100,000	100,000	100,000	0	4,344,229
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					3,844,229						
					Facility Investment Fees						
					500,000						
					Total Funding:						
					4,344,229						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/17/06	09/30/20	13,892	0	0	0	0	0	0	0	0
Land:	01/17/06	09/30/20	52,899	162,500	100,000	100,000	100,000	100,000	100,000	0	662,500
Construction:	01/17/06	09/30/20	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	09/30/20	9,237	15,580	0	0	0	0	0	0	15,580
Totals:			76,054	378,080	100,000	100,000	100,000	100,000	100,000	0	878,080
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					378,080						
					Facility Investment Fees						
					500,000						
					Total Funding:						
					878,080						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 and 301 Boulevard				
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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	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	09/30/15	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	
	FY2017	FY2018	FY2019	FY2020	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 2016 - 2020 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 Avenue East - 15th Street East - 19th Street Court East - Utilities											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/02	01/31/15	0	0	0	0	0	0	0	0	0
Land:	04/01/10	09/30/15	0	0	0	0	0	0	0	0	0
Construction:	02/01/15	12/31/15	101,291	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	12/31/15	4,470	0	0	0	0	0	0	0	0
Totals:			105,762	400,000	0	0	0	0	0	0	400,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						400,000
					Total Funding:						400,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 Avenue East - 19th Street Court East - 30th Street East

Comprehensive Plan Information

Project Mgr: **Kent Bontrager**

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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	0	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:			0	850,000	0	0	0	0	0	0	850,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
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 2016 - 2020 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 Avenue East - 30th Street East - 45th Street East				
Comprehensive Plan Information			Project Mgr: Kent Bontrager	
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	

Utility Rates	
Debt Proceeds	
Facility Investment Fees - Water	

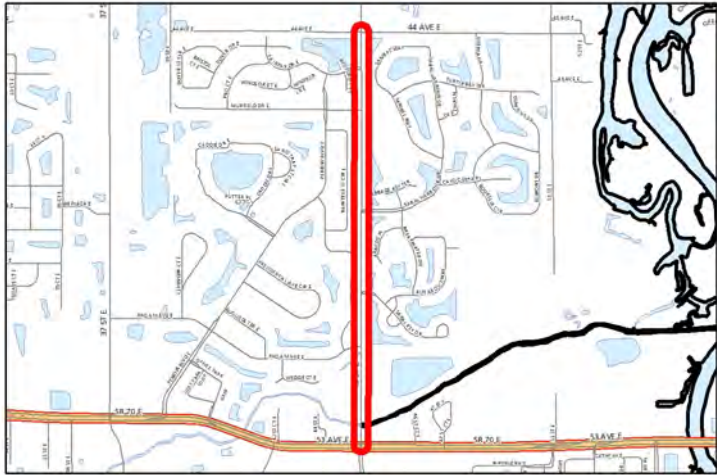
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/09	09/30/12	49,043	49,579	0	0	0	0	0	0	49,579
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/15	12/31/16	0	1,350,000	0	0	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	3,036	2,500	0	0	0	0	0	0	2,500
Totals:			52,079	1,402,079	0	0	0	0	0	0	1,402,079

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	1,402,079
Non-Personal:					Total Funding:	1,402,079
Operating Capital:						
Operating Total:						
No.of Positions:	0	0	0	0		

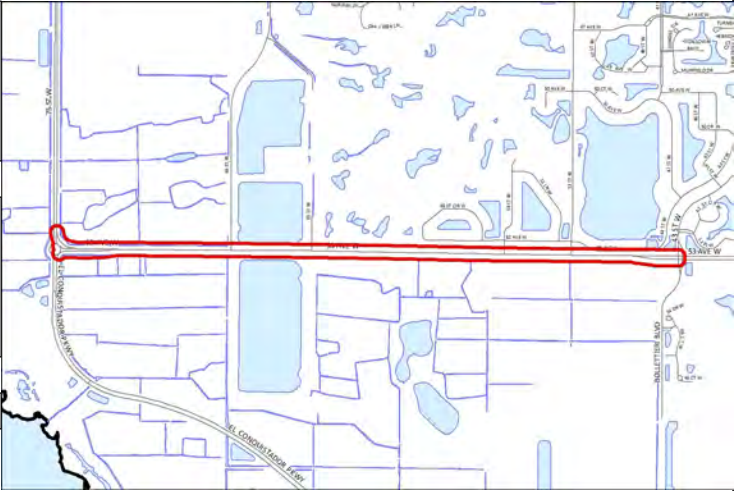
Fiscal Year 2016 - 2020 Capital Improvement Program

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 Avenue East - US 41 - 15th Street East							
<u>Comprehensive Plan Information</u>					Project Mgr: Jeff Streitmatter		
CIE Project: Yes		LOS/Concurrency: No		Plan Reference:		Project Need: Growth	
<u>Scope</u>				<u>Project Map</u>			
Upgrade existing old water line to new water mains to be relocated outside of the proposed pavement as part of construction of a three lane roadway.							

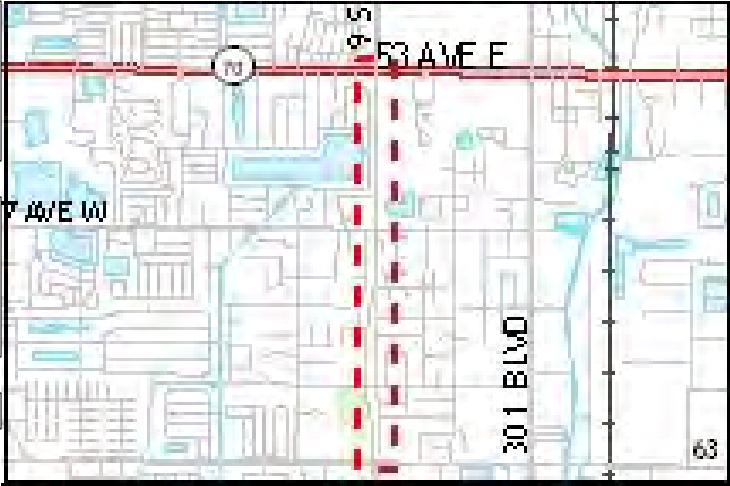
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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 Street East - 44th Avenue East - SR 70 - Water											
Comprehensive Plan Information							Project Mgr: Kent Bontrager				
CIE Project: Yes LOS/Concurrency: No Plan Reference:											
Project Need: Growth											
Scope											
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											
Facility Investment Fees - Water											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	01/31/15	53,225	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	265,000	0	0	0	0	0	0	265,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	06/30/18	2,695	0	0	0	0	0	0	0	0
Totals:			56,828	365,000	0	0	0	0	0	0	365,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						365,000
					Total Funding:						365,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 Avenue West - 43rd Street West - 75th Street West											
Comprehensive Plan Information						Project Mgr: Anthony Benitez					
CIE Project: No			LOS/Concurrency: No			Plan Reference:			Project Need: Maintenance		
Scope						Project Map					
Replace approximately 150 linear feet of 8 inch water line. Rationale Water line replacement as part of traffic flow enhancement. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	06/30/14	0	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	0	600,000	0	0	0	0	0	0	600,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	07/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	600,000	0	0	0	0	0	0	600,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Total Funding:						600,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 Street East - 53rd Avenue East - 57th Avenue East											
Comprehensive Plan Information					Project Mgr: Brent Morris						
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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	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	09/30/15	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											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						170,000
					Total Funding:						170,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	Potable Transportation Related									
Potable Water Transportation Related	PW01351										
Status: Requested 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 (sewer 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	12/31/20	0	0	0	0	0	0	1,000,000	0	1,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	1,000,000	0	1,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,000,000
					Total Funding:						1,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project#	SR 64 - Carlton Arms - I-75 - Water Relocation									
Potable Water Transportation Related	6059970										
Status: Existing Initial Year: 2006 District 5 Location: SR 64 - Carlton Arms - I-75											
Comprehensive Plan Information		Project Mgr: Anthony Benitez									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Relocation of 1,800 linear feet of county owned water line as part of Florida Department of Transportation expansion project.											
Rationale											
Florida Department of Transportation (FDOT) intends to improve a portion of SR 64 from Carlton Arms Boulevard toward I75. The project will consist of six lanes (2.502 miles in length) to include lighting, sidewalks, and 4 foot bike lanes. Due to county owned utility facilities within the limits of the project, the county is required to relocate the existing water main.											
Funding Strategy											
Facility Investment Fees - Water Utility Rates											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	08/01/06	12/31/11	15,176	86,152	0	0	0	0	0	0	86,152
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/12	09/30/15	211,641	268,483	0	0	0	0	0	0	268,483
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	08/01/06	09/30/15	23,855	12,428	0	0	0	0	0	0	12,428
Totals:			250,672	367,063	0	0	0	0	0	0	367,063
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						367,063
					Total Funding:						367,063

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		US 301 - Fort Hamer Intersection - Water									
Potable Water Transportation Related			6061970											
Status: Existing Initial Year: 2014 District 1 Location: US 301 - Ft. Hamer Intersection														
Comprehensive Plan Information					Project Mgr: Kent Bontrager									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need														
Scope					Project Map									
Installation of water lines as part of intersection improvements to include turn lanes and signalization. Enhance safety and provide access to US 301.														
										Rationale				
										Funding Strategy				
Utility Rates														
Schedule of Activities			Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	01/01/13	06/30/16	188,143	220,000	0	0	0	0	0	0	220,000			
Equipment:			0	0	0	0	0	0	0	0	0			
Project Mgt.:	01/01/10	06/30/16	8,032	0	0	0	0	0	0	0	0			
Totals:			196,175	220,000	0	0	0	0	0	0	220,000			
Operating Budget Impacts														
	FY2017	FY2018	FY2019	FY2020										
Personal:														
Non-Personal:														
Operating Capital:														
Operating Total:														
No. of Positions:	0	0	0	0										
					Means of Financing									
					Funding Sources						Amount			
					All Prior Funding						220,000			
					Total Funding:						220,000			

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 from CR 675 to Mocassin Wallow Road Parrish											
Comprehensive Plan Information							Project Mgr: Brent Morris				
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			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	12/31/15	36,260	688,711	0	0	0	0	0	0	688,711
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/15	1,669	0	0	0	0	0	0	0	0
Totals:			37,929	749,474	0	0	0	0	0	0	749,474
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						749,474
					Total Funding:						749,474

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Water Treatment Plant at Lake Manatee											
Comprehensive Plan Information		Project Mgr: Brian Bates									
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/06	12/30/16	2,083,819	2,468,440	0	1,000,000	0	0	0	0	3,468,440
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/17	09/30/19	420	4,000,000	0	27,000,000	15,000,000	0	0	0	46,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/06	09/30/19	121,484	65,500	0	0	0	0	0	0	65,500
Totals:			2,205,724	6,533,940	0	28,000,000	15,000,000	0	0	0	49,533,940
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	0	450,000	0	0							
Operating Capital:											
Operating Total:	0	450,000	0	0							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						6,533,940
					Debt Proceeds						24,500,000
					Rates						18,500,000
					Total Funding:						49,533,940

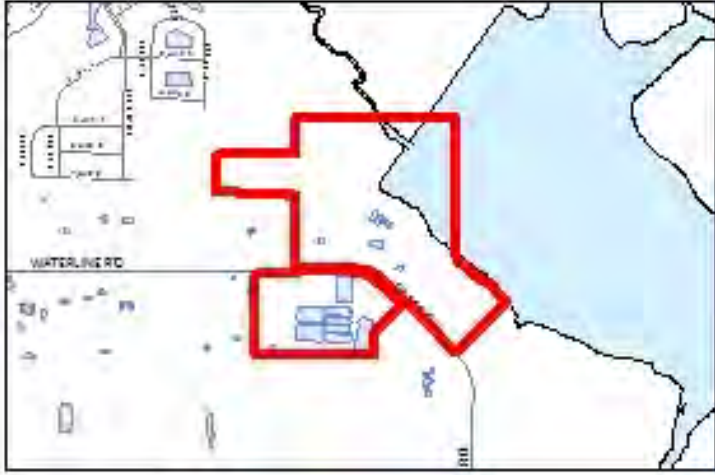
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		North Water Treatment Plant Generator Replacement Main Plant Power 1&2						
Potable Water Treatment			6037972								
Status: Existing Initial Year: 2016 District 1 Location: 17915 Waterline Road											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
CIE Project: No LOS/Concurrency: No Plan Reference:						Project Need: Maintenance					
Scope						Project Map					
Replacement of #1 and #2 main power generators at the North Water Treatment Plant (NWTP). These units provide backup power for the NWTP when FPL is unable to provide power. They are also used for load shed, which allows the NWTP to purchase power at a reduced cost. Rationale Both current generators were installed in 1992 and original parts are no longer available to use for repair/replacement. After market parts are becoming more difficult to obtain. Funding Strategy Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	06/30/17	0	630,000	0	0	0	0	0	0	630,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	06/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	630,000	0	0	0	0	0	0	630,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						630,000
					Total Funding:						630,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water	Project# 6025974	Raw Water #2 Motor Control Component Replacement									
Potable Water Treatment											
Status: Requested Initial Year: 2016 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		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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	03/31/16	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/16	09/30/16	0	0	353,100	0	0	0	0	0	353,100
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			0	0	353,100	0	0	0	0	0	353,100
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						353,100
					Total Funding:						353,100

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

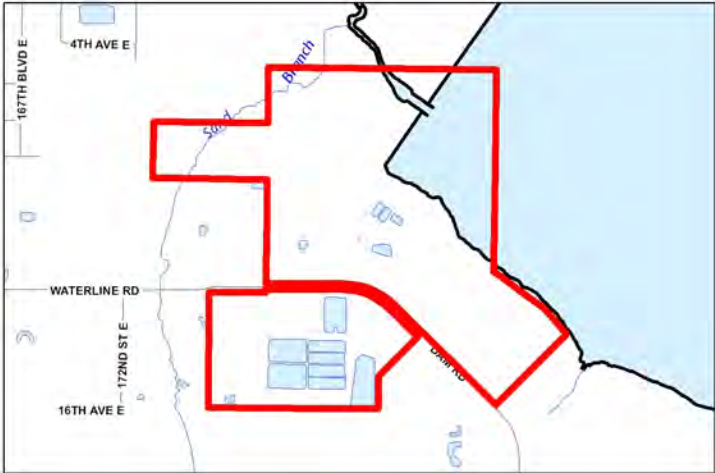
Potable Water	Project#	SCADA Replacement									
Potable Water Treatment	PW01350										
Status: Requested Initial Year: 2019 District 1 Location: 17915 Waterline Road, Bradenton											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	250,000	0	0	250,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	12/31/20	0	0	0	0	0	0	2,250,000	0	2,250,000
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	0	250,000	2,250,000	0	2,500,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,500,000
					Total Funding:						2,500,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Potable Water			Project#		Water Treatment Plant Biological Treatment Unit						
Potable Water Treatment			6085870								
Status: Existing Initial Year: 2014 District 1 Location: 17915 Waterline Road											
Comprehensive Plan Information								Project Mgr: Brian Bates			
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance						
Scope						Project Map					
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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	09/30/15	1,117,683	1,900,000	0	0	0	0	0	0	1,900,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/18	219	15,000,000	7,000,000	0	0	0	0	0	22,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	09/30/18	43,142	0	0	0	0	0	0	0	0
Totals:			1,161,044	16,900,000	7,000,000	0	0	0	0	0	23,900,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	100,000	100,000	0	0							
Operating Capital:											
Operating Total:	100,000	100,000	0	0							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						16,900,000
					Rates						7,000,000
					Total Funding:						23,900,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Water Facility - Waterline Road			
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter	
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance	

<u>Scope</u> 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. <u>Rationale</u> 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. <u>Funding Strategy</u> Debt Proceeds Utility Rates	Project Map 

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	09/30/16	0	0	140,000	0	0	0	0	0	140,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/17	0	0	0	700,000	0	0	0	0	700,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	140,000	700,000	0	0	0	0	840,000

<u>Operating Budget Impacts</u>					<u>Means of Financing</u>	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					Debt Proceeds	700,000
Non-Personal:					Rates	140,000
Operating Capital:					Total Funding:	840,000
Operating Total:						
No. of Positions:	0	0	0	0		



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Solid Waste

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	7,874,074	11,215,000	0	0	0	0	0	0	11,215,000
Utilities System Charges	0	0	1,185,000	5,800,000	1,000,000	169,000	475,000	0	8,629,000
Total Source of Funds	7,874,074	11,215,000	1,185,000	5,800,000	1,000,000	169,000	475,000	0	19,844,000

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
Solid Waste	7,874,074	11,215,000	1,185,000	5,800,000	1,000,000	169,000	475,000	0	19,844,000
Total Use of Funds	7,874,074	11,215,000	1,185,000	5,800,000	1,000,000	169,000	475,000	0	19,844,000

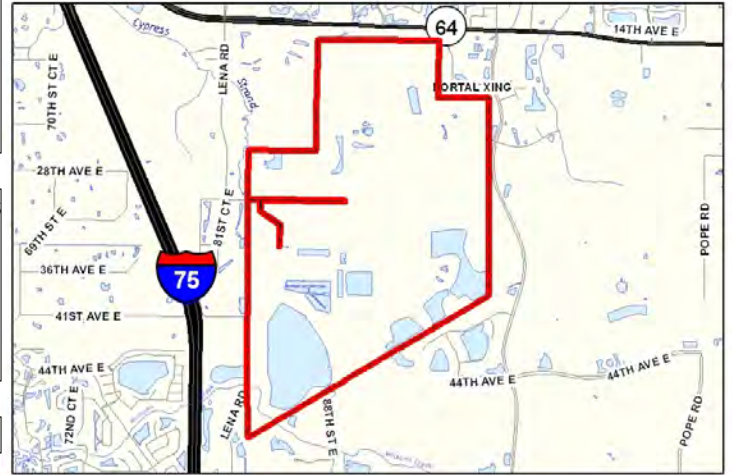


MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Solid Waste	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Solid Waste									
1 Lena Road Landfill Disposal Preparation - Stage II (6077200 / Existing)	3,258,606	5,265,000	825,000	0	0	0	0	0	6,090,000
2 Lena Road Landfill Gas Collection Expansion, Stage III, Phase III (6008205 / Existing)	0	0	360,000	1,800,000	0	0	0	0	2,160,000
3 Lena Road Landfill Gas Electric Generation - Phase II (6008204 / Existing)	44,918	1,048,415	0	4,000,000	1,000,000	0	0	0	6,048,415
4 Lena Road Landfill Gas Electric Generation Project - Phase I (6008202 / Existing)	4,570,550	4,901,585	0	0	0	0	0	0	4,901,585
5 Scalehouse Office Expansion (SW01295 / Requested)	0	0	0	0	0	169,000	475,000	0	644,000
Solid Waste	7,874,074	11,215,000	1,185,000	5,800,000	1,000,000	169,000	475,000	0	19,844,000



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Solid Waste	Project# 6077200	Lena Road Landfill Disposal Preparation - Stage II										
Status: Existing Initial Year: 2015 District 5 Location: SR 64 and Lena Road												
Comprehensive Plan Information		Project Mgr: Mike Sturm										
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance										
Scope												
Preparatory work for Stage II operations in this area of the landfill.												
Rationale												
Prior to operating in the Stage II area of the landfill, stormwater, leachate, soil management and gas collection systems must be designed, permitted and constructed.												
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	09/30/15	61,590	165,000	0	0	0	0	0	0	0	165,000
Land:			0	0	0	0	0	0	0	0	0	0
Construction:	03/31/15	12/31/16	3,066,471	5,100,000	825,000	0	0	0	0	0	0	5,925,000
Equipment:			0	0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/16	130,544	0	0	0	0	0	0	0	0	0
Totals:			3,258,606	5,265,000	825,000	0	0	0	0	0	0	6,090,000
Operating Budget Impacts												
	FY2017	FY2018	FY2019	FY2020								
Personal:												
Non-Personal:	10,000	10,000	0	0								
Operating Capital:												
Operating Total:	10,000	10,000	0	0								
No. of Positions:	0	0	0	0								
					Means of Financing							
					Funding Sources							Amount
					All Prior Funding							5,265,000
					Utilities System Charges							825,000
					Total Funding:							6,090,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: SR 64 & Lena Road

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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/15	09/30/16	0	0	360,000	0	0	0	0	0	360,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/18	0	0	0	1,800,000	0	0	0	0	1,800,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	360,000	1,800,000	0	0	0	0	2,160,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:	5,000	5,000	0	0
Operating Capital:				
Operating Total:	5,000	5,000	0	0
No. of Positions:	0	0	0	0

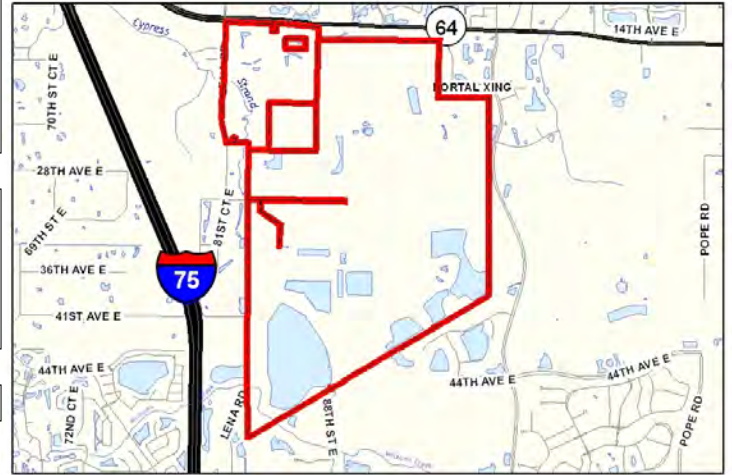
Means of Financing

Funding Sources	Amount
Utilities System Charges	2,160,000
Total Funding:	2,160,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Solid Waste	Project# 6008204	Lena Road Landfill Gas Electric Generation - Phase II																																																																																															
Status: Existing Initial Year: 2013 District 5 Location: SR 64 & Lena Road																																																																																																	
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																																																																																																	
<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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/14</td> <td>09/30/15</td> <td style="text-align: right;">43,475</td> <td style="text-align: right;">1,048,415</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;">1,048,415</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>10/01/15</td> <td>09/30/18</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;">4,000,000</td> <td style="text-align: right;">1,000,000</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;">5,000,000</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>10/01/14</td> <td>09/30/18</td> <td style="text-align: right;">1,444</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;">44,918</td> <td style="text-align: right;">1,048,415</td> <td style="text-align: right;">0</td> <td style="text-align: right;">4,000,000</td> <td style="text-align: right;">1,000,000</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;">6,048,415</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/14	09/30/15	43,475	1,048,415	0	0	0	0	0	0	1,048,415	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/15	09/30/18	0	0	0	4,000,000	1,000,000	0	0	0	5,000,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/14	09/30/18	1,444	0	0	0	0	0	0	0	0	Totals:			44,918	1,048,415	0	4,000,000	1,000,000	0	0	0	6,048,415
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/14	09/30/15	43,475	1,048,415	0	0	0	0	0	0	1,048,415																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/15	09/30/18	0	0	0	4,000,000	1,000,000	0	0	0	5,000,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/14	09/30/18	1,444	0	0	0	0	0	0	0	0																																																																																						
Totals:			44,918	1,048,415	0	4,000,000	1,000,000	0	0	0	6,048,415																																																																																						
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No. of Positions:	0	0	0	0																																																																																													
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Solid Waste	Project# 6008202	Lena Road Landfill Gas Electric Generation Project - Phase I									
Status: Existing Initial Year: 2012 District 5 Location: SR 64 and Lena Road											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope											
Purchase and installation of an electrical generator and building to collect gas which naturally occurs in the landfill. Gas will be moved from the landfill through the installation of gas lines and a collection system to the electrical generator thereby producing electricity. The Southeast Wastewater Treatment Plant will use the power generated from this project to offset their electrical cost.											
Rationale											
There is a net metering program offered thru Florida Power & Light (FPL) for continued connection to the grid while self generating, the plant can remain on the FPL grid, eliminating any risk of being without power.											
Funding Strategy											
Solid Waste Rates											
Project Map 											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/01/12	12/31/12	126,080	201,585	0	0	0	0	0	0	201,585
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/13	12/31/14	4,270,457	4,450,000	0	0	0	0	0	0	4,450,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/12	12/31/14	174,013	250,000	0	0	0	0	0	0	250,000
Totals:			4,570,550	4,901,585	0	0	0	0	0	0	4,901,585
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						4,901,585
					Total Funding:						4,901,585

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Solid Waste	Project# SW01295	Scalehouse Office Expansion																																																																																															
Status: Requested Initial Year: 2019 District 5 Location: Lena Road																																																																																																	
Comprehensive Plan Information		Project Mgr: Tom Yarger																																																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Deficiency																																																																																																	
Scope		Project Map																																																																																															
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																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/18	09/30/19	0	0	0	0	0	169,000	0	0	169,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/19	09/30/21	0	0	0	0	0	0	475,000	0	475,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/18	09/30/21	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	0	0	0	0	169,000	475,000	0	644,000																																																																																						
Operating Budget Impacts																																																																																																	
	FY2017	FY2018	FY2019	FY2020	Means of Financing																																																																																												
Personal:					Funding Sources																																																																																												
Non-Personal:					Amount																																																																																												
Operating Capital:					Utilities System Charges																																																																																												
Operating Total:					Total Funding:																																																																																												
No. of Positions:	0	0	0	0																																																																																													



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Stormwater

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	25,841,542	27,010,111	0	0	0	0	0	0	27,010,111
Stormwater Capital Improvements	0	0	5,861,000	0	0	35,000	1,800,000	0	7,696,000
Total Source of Funds	25,841,542	27,010,111	5,861,000	0	0	35,000	1,800,000	0	34,706,111

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
Stormwater	25,841,542	27,010,111	5,861,000	0	0	35,000	1,800,000	0	34,706,111
Total Use of Funds	25,841,542	27,010,111	5,861,000	0	0	35,000	1,800,000	0	34,706,111



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Stormwater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Stormwater									
1 CR675 Canal Piping (6044400 / Existing)	2,551	110,000	1,111,000	0	0	0	0	0	1,221,000
2 Pipe Canal W83 (Baywest Canal) (6044500 / Existing)	3,721	75,000	750,000	0	0	0	0	0	825,000
3 Tallevast Road - Tuttle Avenue / Prospect Avenue (6086460 / Existing)	646,455	645,514	0	0	0	0	0	0	645,514
4 Tallevast Road Storm Pipe Replacement (ST01296 / Requested)	0	0	0	0	0	35,000	1,800,000	0	1,835,000
5 Wares Creek - Canal Dredging (6028801 / Existing)	25,188,815	26,179,597	4,000,000	0	0	0	0	0	30,179,597
Stormwater	25,841,542	27,010,111	5,861,000	0	0	35,000	1,800,000	0	34,706,111



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/14	09/30/15	0	110,000	0	0	0	0	0	0	110,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	06/01/15	12/31/16	0	0	1,111,000	0	0	0	0	0	1,111,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/14	12/31/16	2,551	0	0	0	0	0	0	0	0																																																																																						
Totals:			2,551	110,000	1,111,000	0	0	0	0	0	1,221,000																																																																																						
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Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	05/31/15	2,825	75,000	0	0	0	0	0	0	75,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/15	12/31/15	0	0	750,000	0	0	0	0	0	750,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/15	896	0	0	0	0	0	0	0	0
Totals:			3,721	75,000	750,000	0	0	0	0	0	825,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources										Amount	
All Prior Funding										75,000	
Stormwater Capital Improvements										750,000	
Total Funding:										825,000	

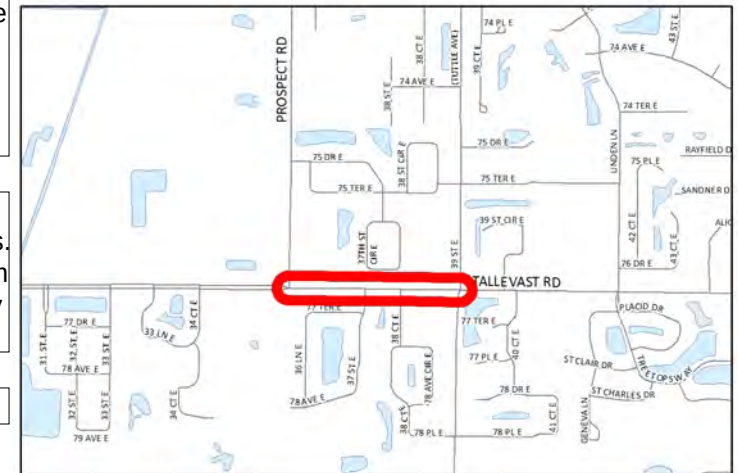
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Stormwater	Project# 6086460	Tallevast Road - Tuttle Avenue / Prospect Avenue
Status: Existing Initial Year: 2014 District 4 Location: Tallevast Road from Tuttle Avenue to Prospect Avenue		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No	LOS/Concurrency: No	Plan Reference: Project Need: Maintenance

Scope

This project is to complete a detail subsurface investigation, pipe inspection and rehabilitation of the 1,500 LF of 60" diameter storm pipe on Tallevast Road from Prospect Avenue to Tuttle Avenue.

Project Map



Rationale

This section of four lane road is served by a 60" diameter storm pipe running the length of the roadway. Since construction, settlement and/or leaking pipe joints have caused road surface issues. This project intends to proactively investigate the settlements currently in place, identify the problem and fix the causes before additional damage is done to pavement surface. The repair methods may include select point repairs (excavations to the pipe) or lining the entire pipe segment(s).

Funding Strategy

Stormwater Capital Improvements

<u>Schedule of Activities</u>			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	06/30/14	83,841	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	09/30/16	458,830	645,514	0	0	0	0	0	0	645,514
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	09/30/16	103,783	0	0	0	0	0	0	0	0
Totals:			646,455	645,514	0	0	0	0	0	0	645,514

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	645,514
Total Funding:	645,514

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Stormwater	Project# ST01296	Tallevast Road Storm Pipe Replacement									
Status: Requested Initial Year: 2019 District 4 Location: Tallevast Road											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	12/31/20	0	0	0	0	0	35,000	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	0	1,800,000	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	0	35,000	1,800,000	0	1,835,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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

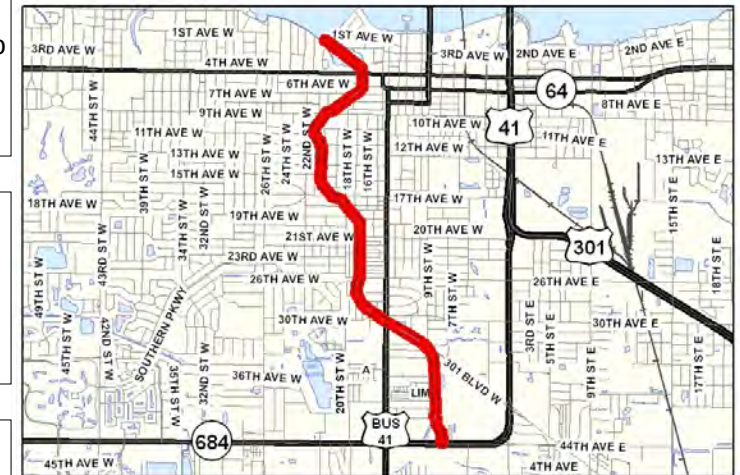
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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

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 with seawall the section 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 occurrences.

Funding Strategy

Dredging Capital Projects Fund
Stormwater Capital Improvements

<u>Schedule of Activities</u>			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	05/31/97	10/31/09	4,752,291	2,745,431	0	0	0	0	0	0	2,745,431
Land:	05/26/04	09/30/13	16,776,050	15,854,842	4,000,000	0	0	0	0	0	19,854,842
Construction:	07/01/11	06/30/16	2,609,203	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	06/30/16	1,051,271	2,386,816	0	0	0	0	0	0	2,386,816
Totals:			25,188,815	26,179,597	4,000,000	0	0	0	0	0	30,179,597

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:	25,000	25,000	0	0
Operating Capital:				
Operating Total:	25,000	25,000	0	0
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	26,179,597
Stormwater Capital Improvements	4,000,000
Total Funding:	30,179,597



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Transportation

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	61,012,696	155,865,504	0	0	0	0	0	0	155,865,504
CRA Revenues	0	0	590,874	0	0	0	0	0	590,874
Debt Proceeds	0	0	19,986,000	38,364,000	22,000,000	3,310,000	0	0	83,660,000
Gas Taxes	0	0	1,875,000	445,000	947,700	2,680,600	0	0	5,948,300
Grants	0	0	448,777	0	0	0	0	0	448,777
Impact Fees	0	0	5,012,940	300,000	1,780,000	9,750,000	0	0	16,842,940
Total Source of Funds	61,012,696	155,865,504	27,913,591	39,109,000	24,727,700	15,740,600	0	0	263,356,395

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
Transportation	61,012,696	155,865,504	27,913,591	39,109,000	24,727,700	15,740,600	0	0	263,356,395
Total Use of Funds	61,012,696	155,865,504	27,913,591	39,109,000	24,727,700	15,740,600	0	0	263,356,395



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Transportation	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Transportation									
1 12th Street East - 57th Avenue East - 61st Avenue Terrace East - CRA Sidewalks - Road (6059560 / Existing)	103,736	103,737	590,874	0	0	0	0	0	694,611
2 15th Street East - US 41 - 53rd Avenue East (6029960 / Existing)	3,837,817	4,012,264	0	0	0	0	0	0	4,012,264
3 17th Street East (Memphis Road) at 28th Avenue East Railroad Improvements (TR01128 / Existing)	0	0	0	0	110,000	0	0	0	110,000
4 44th Ave E - 45th Street - 44th Avenue Plaza East (6086960 / Existing)	203,650	4,970,000	2,200,000	15,400,000	16,500,000	3,310,000	0	0	42,380,000
5 44th Avenue East - 15th Street East - 19th Street Court East (6045661 / Existing)	6,387,910	7,615,500	1,200,000	0	0	0	0	0	8,815,500
6 44th Avenue East - 19th Street Court East - 30th Street East (6045660 / Existing)	6,887,794	17,275,000	3,500,000	0	0	0	0	0	20,775,000
7 44th Avenue East - 30th Street East - 45th Street East (6071160 / Existing)	5,905,091	17,780,861	0	0	0	0	0	0	17,780,861
8 44th Avenue East - 44th Ave Plaza E - Lakewood Ranch Boulevard (6045662 / Existing)	103,261	1,025,000	3,036,000	19,964,000	5,500,000	0	0	0	29,525,000
9 44th Avenue East - US 41 - 15th Street East (6001060 / Existing)	9,096,773	11,425,133	0	0	0	0	0	0	11,425,133
10 45th Street East - 44th Avenue East - SR 70 (6025662 / Existing)	1,178,156	5,700,000	7,550,000	3,000,000	0	0	0	0	16,250,000
11 53rd Avenue West - 43rd Street West - 75th Street West (6082960 / Existing)	383,992	6,410,224	400,000	0	0	0	0	0	6,810,224
12 60th Avenue East - US301 / Outlet Mall Entrance (TR01133 / Existing)	0	0	0	0	705,000	2,250,000	0	0	2,955,000
13 63rd Avenue East at 33rd Street East Intersection (6041860 / Requested)	0	0	261,000	0	0	0	0	0	261,000
14 67th Avenue East - 18th Street East Railroad Improvements (TR01126 / Existing)	0	0	0	0	220,000	0	0	0	220,000
15 9th Street East - 53rd Avenue East - 57th Avenue East (6040460 / Existing)	6,295,821	6,835,676	2,500,000	0	0	0	0	0	9,335,676
16 9th Street East - CSX Railroad Crossing (6082560 / Existing)	409,541	750,000	0	0	0	0	0	0	750,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Transportation	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
17 Advanced Traffic Management System Expansion - University Parkway (6052010 / Existing)	8,436	312,500	0	0	0	0	0	0	312,500
18 Ancient Oaks Subdivision (6053260 / Existing)	0	844,000	0	0	0	0	0	0	844,000
19 CDBG Funded Sidewalk - 21st St E- US 41N-12th Ave E - Palmetto (6012609 / Existing)	21,286	382,000	0	0	0	0	0	0	382,000
20 Coquina Beach Drainage Improvements (6005719 / Existing)	0	88,000	0	0	0	0	0	0	88,000
21 Cortez Road at 43rd Street West Intersection (TR01202 / Requested)	0	0	0	0	62,700	480,600	0	0	543,300
22 Cortez Road at 86th Street West Intersection (6082160 / Existing)	442,255	573,509	0	0	0	0	0	0	573,509
23 Ellenton Gillette Road - 38th Street East Railroad Crossing (6084060 / Existing)	225,656	600,000	0	0	0	0	0	0	600,000
24 Ellenton Gillette Road - Mendoza Road (37th Street East) Intersection Improvements (TR00542 / Existing)	0	0	0	0	200,000	1,300,000	0	0	1,500,000
25 Ellenton Gillette Road - US 301 / Moccasin Wallow Road (6084560 / Existing)	798,523	2,725,000	0	0	0	0	0	0	2,725,000
26 Ellenton Gillette at 69th Street (TR01336 / Requested)	0	0	0	300,000	0	0	0	0	300,000
27 Erie Road - 69th Street East - US 301 East-West Phase (6082861 / Existing)	4,559	900,000	0	0	0	0	0	0	900,000
28 Erie Road - US 301 to US 301 (6082860 / Existing)	170,180	3,625,000	0	0	0	0	0	0	3,625,000
29 Fort Hamer / Upper Manatee River Road - Bridge (6035560 / Existing)	9,970,760	32,962,589	0	0	0	0	0	0	32,962,589
30 Fort Hamer Road - US 301 to Future Fort Hamer Bridge (6054764 / Existing)	1,151,891	7,634,789	0	0	0	0	0	0	7,634,789
31 Greenbrook Underdrain Replacement (6036360 / Requested)	0	0	665,000	0	0	0	0	0	665,000
32 Gulf Drive at Marina Drive Intersection (6084660 / Existing)	181,121	231,119	0	0	0	0	0	0	231,119
33 Lakewood Ranch Boulevard ATMS (TR01337 / Requested)	0	0	0	0	400,000	300,000	0	0	700,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Transportation	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
34 Land Acquisition - Countywide (6053913 / Existing)	67,373	1,169,143	0	0	0	0	0	0	1,169,143
35 Lockwood Ridge Road - 56th Avenue Terrace East - Whitfield Avenue (6009361 / Existing)	0	891,000	0	0	0	0	0	0	891,000
36 Moccasin Wallow Road - US 41 to Gateway Boulevard (TR01086 / Existing)	0	0	0	0	675,000	7,200,000	0	0	7,875,000
37 Morgan Johnson Sidewalk - 44th Avenue East - SR 64 (6049761 / Existing)	330,181	830,000	0	0	0	0	0	0	830,000
38 Port Harbour Parkway Extension (6076660 / Existing)	0	2,299,202	0	0	0	0	0	0	2,299,202
39 Rye Road - SR 64 / Upper Manatee River Road (6086160 / Existing)	149,116	1,569,200	1,200,000	0	0	0	0	0	2,769,200
40 SR 64 - 57th Street East (Morgan Johnson) Intersection (6086360 / Existing)	108,794	150,000	448,777	0	0	0	0	0	598,777
41 SR 70 at Lakewood Ranch Boulevard Intersection (6084460 / Existing)	627,582	642,277	0	0	0	0	0	0	642,277
42 SR 70 at Lockwood Ridge Road Northbound (TR01134 / Existing)	0	0	0	45,000	300,000	0	0	0	345,000
43 Snead Island Bridge Rehab (6027261 / Existing)	123,474	345,000	0	0	0	0	0	0	345,000
44 Sunny Shores Mobile Home Park (6022960 / Existing)	0	560,500	0	0	0	0	0	0	560,500
45 Tallevast Road Railroad Crossing Replacement (6059361 / Requested)	0	0	10,000	400,000	0	0	0	0	410,000
46 Tara Blvd - Stone River Rd - Chickasaw Bayou (6055660 / Existing)	600	690,000	0	0	0	0	0	0	690,000
47 Taylor Road Bridge #134101 Replacement (6017761 / Existing)	961,992	961,993	0	0	0	0	0	0	961,993
48 Tuttle Avenue - Woodbrook II - Whitfield Ave (6049160 / Existing)	385,195	495,000	0	0	0	0	0	0	495,000
49 US 301 - Ellenton Gillette Road Intersection Improvements (6035161 / Existing)	283,157	1,560,000	1,500,000	0	0	0	0	0	3,060,000
50 US 301 - Fort Hamer Road Intersection (6061960 / Existing)	3,628,004	4,450,000	2,200,000	0	0	0	0	0	6,650,000
51 US 301 - Tallevast Road - Capacity Improvements (6083906 / Existing)	28,707	147,676	651,940	0	0	0	0	0	799,616

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Transportation	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
52 University Parkway at Waterview (6086260 / Existing)	135,375	811,000	0	0	0	0	0	0	811,000
53 Upper Manatee River Road - SR 64 to Curve (6082660 / Existing)	414,937	3,511,612	0	0	0	0	0	0	3,511,612
54 Wauchula Road Over Young's Creek Bridge Replacement (TR01346 / Requested)	0	0	0	0	55,000	900,000	0	0	955,000
Transportation	61,012,696	155,865,504	27,913,591	39,109,000	24,727,700	15,740,600	0	0	263,356,395

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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

Status: Existing Initial Year: 2006 District 5 Location: 12th Street E - 57th Ave E - 61st Ave Terrace E

Comprehensive Plan Information

Project Mgr: **Jeff Streitmatter**

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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/15	09/30/16	99,015	99,022	0	0	0	0	0	0	99,022
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/16	192	14	590,874	0	0	0	0	0	590,888
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/16	4,529	4,701	0	0	0	0	0	0	4,701
Totals:			103,736	103,737	590,874	0	0	0	0	0	694,611

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	103,737
CRA Revenues	590,874
Total Funding:	694,611

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6029960	15th Street East - US 41 - 53rd Avenue East																																																																																															
Status: Existing Initial Year: 2000 District 4 Location: 15th Street East - 53rd Avenue East to 51st Avenue East Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope																																																																																																	
Intersection improvements at 15th Street East and 53rd Avenue East and 15th Street East and 51st Avenue East. Design & construct an additional eastbound left turn lane and traffic signals at the intersection of 53rd Avenue East and 15th Street East. Design and construct east and west bound turn lanes, stormwater, ponds, sidewalk, traffic signals and utility relocations at the intersection of 15th Street East and 51st Avenue East.																																																																																																	
Rationale																																																																																																	
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Funding Strategy																																																																																																	
Gas Taxes 2004 Transportation Bonds Impact Fees 2013 Revenue Refund Improvement Bonds (395)																																																																																																	
Schedule of Activities		Project Map																																																																																															
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<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>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>03/21/00</td> <td>05/31/15</td> <td align="right">962,844</td> <td align="right">527,435</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">527,435</td> </tr> <tr> <td>Land:</td> <td>05/17/04</td> <td>12/31/12</td> <td align="right">577,361</td> <td align="right">1,642,500</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">1,642,500</td> </tr> <tr> <td>Construction:</td> <td>04/01/13</td> <td>10/31/15</td> <td align="right">1,872,683</td> <td align="right">1,517,964</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">1,517,964</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>03/21/00</td> <td>10/31/15</td> <td align="right">424,928</td> <td align="right">324,365</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">324,365</td> </tr> <tr> <td>Totals:</td> <td></td> <td></td> <td align="right">3,837,817</td> <td align="right">4,012,264</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">4,012,264</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	03/21/00	05/31/15	962,844	527,435	0	0	0	0	0	0	527,435	Land:	05/17/04	12/31/12	577,361	1,642,500	0	0	0	0	0	0	1,642,500	Construction:	04/01/13	10/31/15	1,872,683	1,517,964	0	0	0	0	0	0	1,517,964	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	03/21/00	10/31/15	424,928	324,365	0	0	0	0	0	0	324,365	Totals:			3,837,817	4,012,264	0	0	0	0	0	0	4,012,264
Schedule of Activities			Programmed Funding																																																																																														
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Construction:	04/01/13	10/31/15	1,872,683	1,517,964	0	0	0	0	0	0	1,517,964																																																																																						
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No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project#	17th Street East (Memphis Road) at 28th Avenue East Railroad Improvements									
TR01128											
Status: Existing Initial Year: 2014 Countywide Location: 17th Street East(Memphis Road)at 28th Avenue East											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	12/31/17	0	0	0	0	10,000	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	0	100,000	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	0	110,000	0	0	0	110,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 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																																																																	
Comprehensive Plan Information		Project Mgr: William Lorenzo																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																	
Scope		Project Map																																																															
Includes construction of 1.2 miles of roadway improvements from 45th Street East to Caruso Road, to include a four-lane divided roadway with sidewalks, bike lanes, and street lighting, and 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.																																																																	
Rationale																																																																	
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.																																																																	
Funding Strategy																																																																	
Impact Fees Debt Proceeds																																																																	
Schedule of Activities		Programmed Funding																																																															
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Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:	10/01/13 06/30/16	194,634	770,000	0	0	0	0	770,000																																																									
Land:	06/01/16 06/30/17	0	0	2,200,000	0	0	0	2,200,000																																																									
Construction:	07/01/17 03/31/20	345	4,200,000	0	15,400,000	16,500,000	3,310,000	39,410,000																																																									
Equipment:		0	0	0	0	0	0	0																																																									
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	1,200,000	0	0	0	0	0	3,014,959
Construction:	04/01/13	12/31/15	2,921,853	4,961,994	0	0	0	0	0	0	4,961,994
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	11/01/01	12/31/15	673,791	513,547	0	0	0	0	0	0	513,547
Totals:			6,387,910	7,615,500	1,200,000	0	0	0	0	0	8,815,500
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					7,615,500						
					Debt Proceeds						
					1,200,000						
					Total Funding:						
					8,815,500						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 Avenue East - 19th Street Court East - 30th Street East											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/02	01/31/15	1,117,372	1,367,500	0	0	0	0	0	0	1,367,500
Land:	01/01/14	09/30/15	5,537,131	1,750,000	2,500,000	0	0	0	0	0	4,250,000
Construction:	01/01/15	03/31/17	94,791	12,205,000	1,000,000	0	0	0	0	0	13,205,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/02	03/31/17	138,501	1,952,500	0	0	0	0	0	0	1,952,500
Totals:			6,887,794	17,275,000	3,500,000	0	0	0	0	0	20,775,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	35,000	35,000	35,000	0							
Operating Capital:											
Operating Total:	35,000	35,000	35,000	0							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						17,275,000
					Debt Proceeds						3,500,000
					Total Funding:						20,775,000

Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation			Project# 6071160		44th Avenue East - 30th Street East - 45th Street East						
Status: Existing Initial Year: 2009 District 5 Location: 44th Avenue East - 30th Street East - 45th Street East											
Comprehensive Plan Information							Project Mgr: William Lorenzo				
CIE Project: Yes			LOS/Concurrency: No		Plan Reference:		Project Need: Growth				
Scope							Project Map				
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.											

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6045662	44th Avenue East - 44th Ave Plaza E - Lakewood Ranch Boulevard																																																																																															
Status: Existing Initial Year: 2014 District 5 Location: 44th Avenue East - 44th Ave Plaza E - Lakewood Ranch Boulevard																																																																																																	
Comprehensive Plan Information		Project Mgr: William Lorenzo																																																																																															
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																																																																																																	
Scope		Project Map																																																																																															
Includes construction of 2.8 miles of roadway improvements from the Creekwood development over I-75 to Lakewood Ranch, to include a four-lane divided roadway with sidewalks, bike lanes, 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																																																																																																	
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.																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
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Land:	10/01/16	09/30/21	0	480,000	0	0	0	0	0	0	480,000																																																																																						
Construction:	08/01/16	03/31/19	2,901	500,000	3,036,000	19,964,000	5,500,000	0	0	0	29,000,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
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Totals:			103,261	1,025,000	3,036,000	19,964,000	5,500,000	0	0	0	29,525,000																																																																																						
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

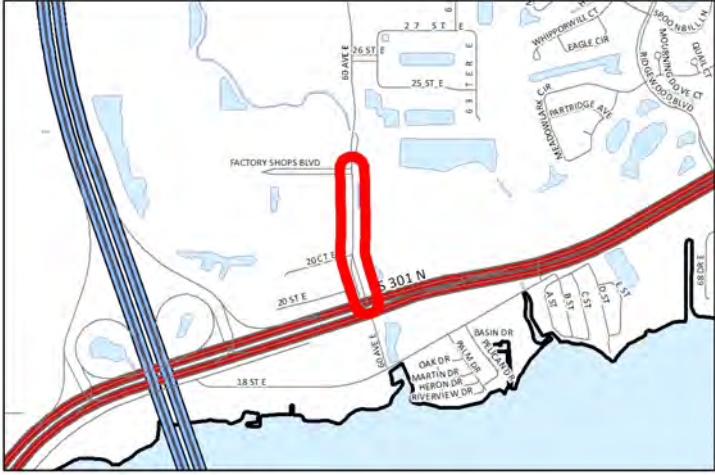
Transportation	Project# 6001060	44th Avenue East - US 41 - 15th Street East																																																																																												
Status: Existing Initial Year: 2002 District 4 Location: 44th Avenue East - US 41 - 15th Street East																																																																																														
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																												
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Scope Upgrading existing roadway to a three-lane roadway from US 41 to 15th Street East. Project Map 																																																																																														
Rationale Expand service to provide a future east/west thoroughfare to support increased capacity and to relieve travel demands on SR 70 and SR 64.																																																																																														
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Activity	From	To				Programmed Funding									Appropriated to Date																																																																															
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Construction:	04/01/13	12/31/15	4,811,154	8,089,462	0	0	0	0	0	0	8,089,462																																																																																			
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Project Mgt.:	10/01/01	12/31/15	941,482	730,829	0	0	0	0	0	0	730,829																																																																																			
Totals:			9,096,773	11,425,133	0	0	0	0	0	0	11,425,133																																																																																			
Operating Budget Impacts <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> </tr> </thead> <tbody> <tr> <td>Personal:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Personal:</td> <td>32,000</td> <td>32,000</td> <td>32,000</td> <td>0</td> </tr> <tr> <td>Operating Capital:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Operating Total:</td> <td>32,000</td> <td>32,000</td> <td>32,000</td> <td>0</td> </tr> <tr> <td>No.of Positions:</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				FY2017	FY2018	FY2019	FY2020	Personal:					Non-Personal:	32,000	32,000	32,000	0	Operating Capital:					Operating Total:	32,000	32,000	32,000	0	No.of Positions:	0	0	0	0																																																														
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Personal:																																																																																														
Non-Personal:	32,000	32,000	32,000	0																																																																																										
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Fiscal Year 2016 - 2020 Capital Improvement Program

Fiscal Year 2016 - 2020 Capital Improvement Program

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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR01133	60th Avenue East - US301 / Outlet Mall Entrance																																																																																															
Status: Existing Initial Year: 2014 District 1 Location: 60th Avenue East at US 301																																																																																																	
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 center two-way left turn from US 301 to the Outlet Mall Entrance. Construction transition to a two lane undivided roadway north of the mall entrance. Project Map 																																																																																																	
Rationale Expand service to improve traffic operations and to achieve and maintain adopted levels of service.																																																																																																	
Funding Strategy Impact Fees																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
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Design:	10/01/17	09/30/18	0	0	0	0	515,000	0	0	0	515,000																																																																																						
Land:	10/01/17	09/30/18	0	0	0	0	190,000	0	0	0	190,000																																																																																						
Construction:	10/01/18	09/30/20	0	0	0	0	0	2,250,000	0	0	2,250,000																																																																																						
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																																																																																						
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

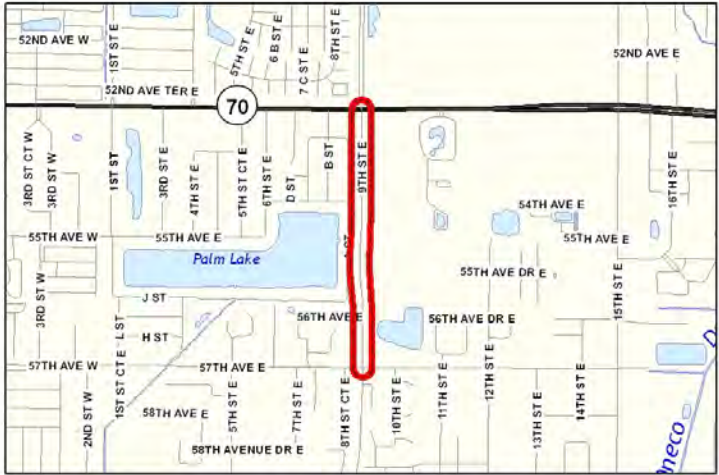
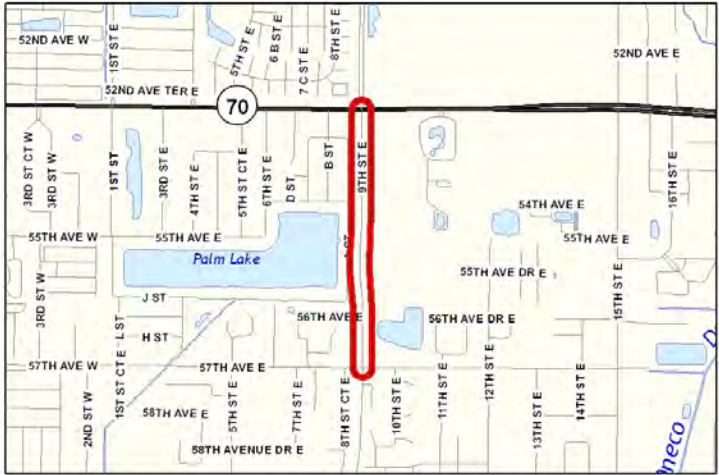
Transportation			Project# 6041860		63rd Avenue East at 33rd Street East Intersection						
Status: Requested Initial Year: 2015 District 3 Location: 63rd Avenue East - 33rd Street East, Bradenton											
Comprehensive Plan Information								Project Mgr: Jeff Streitmatter			
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
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 at 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:	10/01/16	09/30/18	0	0	261,000	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	0	261,000	0	0	0	0	0	261,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Impact Fees						261,000
					Total Funding:						261,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR01126	67th Avenue East - 18th Street East Railroad Improvements									
Status: Existing Initial Year: 2009 District 4 Location: 67th Avenue East - 18th Street East											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
This project covers the design, permitting and construction of a replacement railroad crossing surface for 67th Avenue East.											
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								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	12/31/17	0	0	0	0	20,000	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	0	200,000	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	0	220,000	0	0	0	220,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 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		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: Yes LOS/Concurrency: Yes Plan Reference:		Project Need: Growth

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

Schedule of Activities			Programmed Funding								Appropriated to Date
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	
Design:	10/01/04	11/15/07	605,956	102,750	0	0	0	0	0	0	102,750
Land:	11/16/07	06/30/12	2,060,528	3,924,047	2,500,000	0	0	0	0	0	6,424,047
Construction:	07/01/12	10/31/16	3,289,544	2,447,931	0	0	0	0	0	0	2,447,931
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/04	10/31/16	339,794	360,948	0	0	0	0	0	0	360,948
Totals:			6,295,821	6,835,676	2,500,000	0	0	0	0	0	9,335,676

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:	12,000	12,000	12,000	0
Operating Capital:				
Operating Total:	12,000	12,000	12,000	0
No.of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	6,835,676
Debt Proceeds	2,500,000
Total Funding:	9,335,676

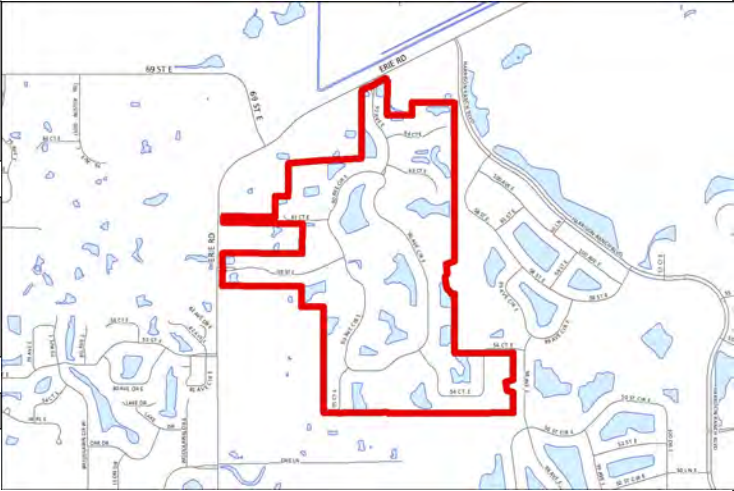
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6082560	9th Street East - CSX Railroad Crossing																																																																																															
Status: Existing Initial Year: 2012 District 2 Location: 9th Street East at 9th Avenue East																																																																																																	
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.																																																																																																	
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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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Schedule of Activities			Programmed Funding																																																																																														
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Design:	10/01/11	03/31/15	4,771	90,000	0	0	0	0	0	0	90,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	04/01/15	10/31/15	389,715	650,000	0	0	0	0	0	0	650,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
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No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.																																																																																																	
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Design:	03/15/15	12/31/15	8,177	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	275,000	0	0	0	0	0	0	275,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	03/15/15	12/31/16	259	0	0	0	0	0	0	0	0																																																																																						
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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation			Project# 6053260		Ancient Oaks Subdivision						
Status: Existing Initial Year: 2015 District 1 Location: Ancient Oaks Subdivision											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	12/31/15	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	12/31/15	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	12/31/15	0	0	0	0	0	0	0	0	0
Totals:			0	844,000	0	0	0	0	0	0	844,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						844,000
					Total Funding:						844,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Ricardo Colon									
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/19	21,286	40,000	0	0	0	0	0	0	40,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	09/30/19	0	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	09/30/19	0	19,100	0	0	0	0	0	0	19,100
Totals:			21,286	382,000	0	0	0	0	0	0	382,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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

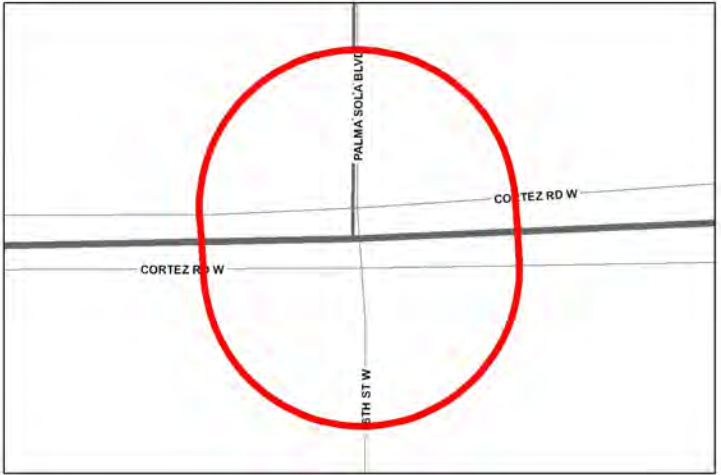
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6005719	Coquina Beach Drainage Improvements									
Status: Existing Initial Year: 2015 District 3 Location: Coquina Beach											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Identification of 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 4200 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 Parr, 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 Fund											
Project Map 											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	88,000	0	0	0	0	0	0	88,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	08/01/15	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			0	88,000	0	0	0	0	0	0	88,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						88,000
					Total Funding:						88,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation			Project# TR01202		Cortez Road at 43rd Street West Intersection												
Status: Requested Initial Year: 2015 District 3 Location: Cortez Road at 43rd Street West Intersection																	
Comprehensive Plan Information								Project Mgr: Brian Martineau									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																	
Scope						Project Map											
Construct a separate northbound right turn lane and extend existing northbound left turn lane.																	
												Rationale					
												Increase capacity and improve traffic operations.					
Funding Strategy																	
Gas Taxes																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	10/01/17	09/30/19	0	0	0	0	62,700	0	0	0	62,700						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	10/01/17	09/30/19	0	0	0	0	0	480,600	0	0	480,600						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0						
Totals:			0	0	0	0	62,700	480,600	0	0	543,300						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No.of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources					Amount							
					Gas Taxes					543,300							
					Total Funding:					543,300							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6082160	Cortez Road at 86th Street West Intersection																																																																																															
Status: Existing Initial Year: 2012 District 3 Location: Cortez Road - 86th Street West																																																																																																	
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope		Project Map																																																																																															
Replacement of existing signals with mast arm signals.																																																																																																	
Rationale																																																																																																	
To increase safety at intersection location.																																																																																																	
Funding Strategy																																																																																																	
2004 Transportation Bonds Federal / State Revenues and Grants																																																																																																	
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Construction:	10/01/13	06/30/15	275,761	448,509	0	0	0	0	0	0	448,509																																																																																						
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Project Mgt.:	10/01/11	06/30/15	78,307	10,000	0	0	0	0	0	0	10,000																																																																																						
Totals:			442,255	573,509	0	0	0	0	0	0	573,509																																																																																						
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No. of Positions:	0	0	0	0																																																																																													
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Total Funding:	573,509																																																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6084060	Ellenton Gillette Road - 38th Street East Railroad Crossing									
Status: Existing Initial Year: 2013 District 1 Location: Ellenton Gillette Road - 38th Street East Railroad Crossing											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope		Project Map									
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.											
Funding Strategy											
Gas Taxes											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	09/30/14	26,097	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	06/30/15	175,971	600,000	0	0	0	0	0	0	600,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	06/30/15	23,588	0	0	0	0	0	0	0	0
Totals:			225,656	600,000	0	0	0	0	0	0	600,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Total Funding:						600,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR00542	Ellenton Gillette Road - Mendoza Road (37th Street East) Intersection Improvements									
Status: Existing Initial Year: 2012 District 1 Location: Ellenton Gillette Road - Mendoza Road (37th Street East) Intersection Improvements											
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											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	09/30/16	0	0	0	0	200,000	0	0	0	200,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/17	0	0	0	0	0	1,300,000	0	0	1,300,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	200,000	1,300,000	0	0	1,500,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Gas Taxes						1,500,000
					Total Funding:						1,500,000

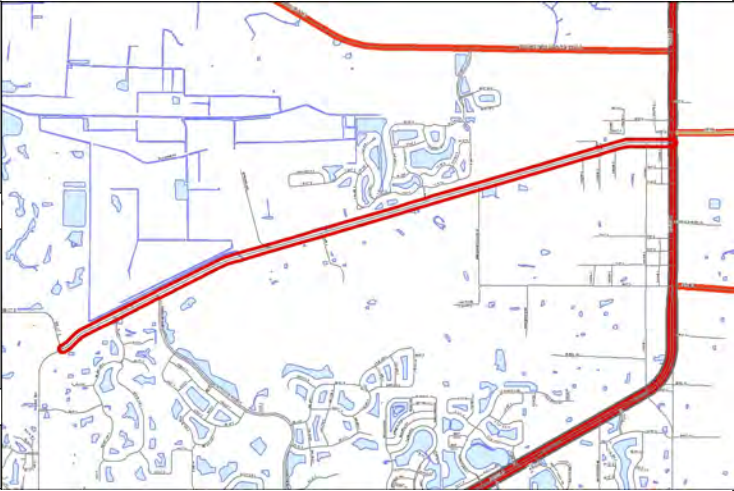
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation			Project# 6084560		Ellenton Gillette Road - US 301 / Moccasin Wallow Road						
Status: Existing Initial Year: 2013 District 1 Location: Ellenton Gillette Road											
<u>Comprehensive Plan Information</u>							Project Mgr: Mike Sturm				
CIE Project: No			LOS/Concurrency: No		Plan Reference:		Project Need: Maintenance				
<u>Scope</u>						<u>Project Map</u>					
Roadway functional improvements to include widening of existing roadway to 24', roadside ditch piping, and shoulder enhancement where necessary.											
<u>Rationale</u>											
To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.											
<u>Funding Strategy</u>											
Gas Taxes											
<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	06/30/15	508,096	0	0	0	0	0	0	0	0
Land:	01/01/15	03/31/16	253,297	0	0	0	0	0	0	0	0
Construction:	01/01/16	09/30/17	2,405	2,725,000	0	0	0	0	0	0	2,725,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	09/30/17	34,726	0	0	0	0	0	0	0	0
Totals:			798,523	2,725,000	0	0	0	0	0	0	2,725,000
<u>Operating Budget Impacts</u>											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					<u>Means of Financing</u>						
					Funding Sources						Amount
					All Prior Funding						2,725,000
					Total Funding:						2,725,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR01336	Ellenton Gillette at 69th Street									
Status: Requested Initial Year: 2017 Countywide Location: Ellenton Gillette Road - 69th Street, Palmetto											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need:											
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.											
Rationale											
Overall project is expected to improve capacity and operational efficiency of existing signalized intersection.											
Funding Strategy											
Impact Fees											
Project Map											
											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/17	0	0	0	300,000	0	0	0	0	300,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	300,000	0	0	0	0	300,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Impact Fees						300,000
					Total Funding:						300,000

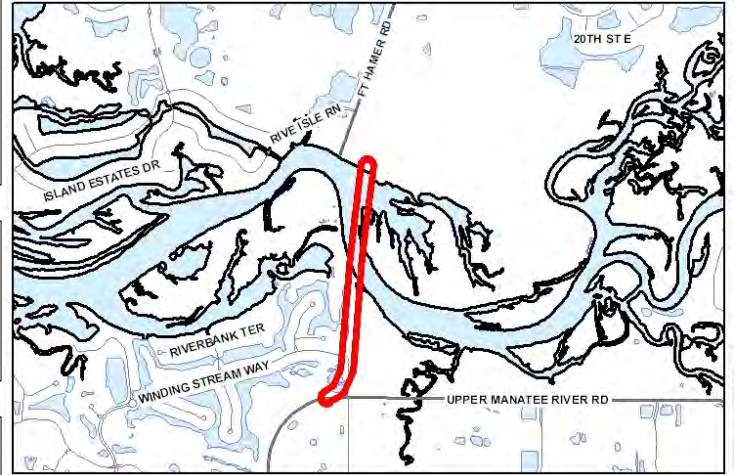
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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 EW Phase											
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 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	4,559	0	0	0	0	0	0	0	0
Totals:			4,559	900,000	0	0	0	0	0	0	900,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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

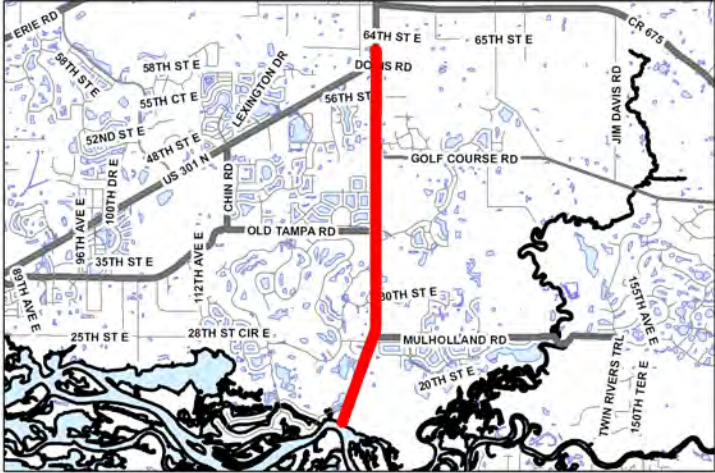
Fiscal Year 2016 - 2020 Capital Improvement Program

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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6035560	Fort Hamer / Upper Manatee River Road - Bridge									
Status: Existing Initial Year: 2010 Multi-district Location: Upper Manatee River Road from River Crossing to Fort 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											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/02	07/31/13	1,153,647	7,436,500	0	0	0	0	0	0	7,436,500
Land:	07/01/10	06/30/14	1,432,745	2,349,715	0	0	0	0	0	0	2,349,715
Construction:	10/01/14	03/31/17	7,071,876	23,044,682	0	0	0	0	0	0	23,044,682
Equipment:	07/01/14	03/31/17	5,500	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/02	03/31/17	306,992	131,692	0	0	0	0	0	0	131,692
Totals:			9,970,760	32,962,589	0	0	0	0	0	0	32,962,589
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:	65,000	65,000	65,000	0							
Non-Personal:											
Operating Capital:											
Operating Total:	65,000	65,000	65,000	0							
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					All Prior Funding						
					Total Funding:						
					32,962,589						

Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation			Project# 6054764		Fort Hamer Road - US 301 to Future Fort Hamer Bridge						
Status: Existing Initial Year: 2013 District 1 Location: Fort Hamer Road											
Comprehensive Plan Information							Project Mgr: William Lorenzo				
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', roadside ditch piping, and shoulder enhancement where necessary, and in-fill of existing sidewalks.											
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								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/11	06/01/14	62,935	115,000	0	0	0	0	0	0	115,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	03/31/17	931,623	7,441,289	0	0	0	0	0	0	7,441,289
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	03/31/17	157,333	78,500	0	0	0	0	0	0	78,500
Totals:			1,151,891	7,634,789	0	0	0	0	0	0	7,634,789
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources					Amount	
Non-Personal:					All Prior Funding					7,634,789	
Operating Capital:					Total Funding:					7,634,789	
Operating Total:											
No.of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6036360	Greenbrook Underdrain Replacement									
Status: Requested Initial Year: 2016 Countywide 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	03/31/16	0	0	15,000	0	0	0	0	0	15,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/16	12/31/17	0	0	650,000	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:			0	0	665,000	0	0	0	0	0	665,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Gas Taxes						665,000
					Total Funding:						665,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6084660	Gulf Drive at Marina Drive Intersection									
Status: Existing Initial Year: 2013 District 3 Location: Gulf Drive at Marina Drive											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Upgrade of existing span wire signalization to mast arms.											
Rationale											
Increases safety at intersection location.											
Funding Strategy											
Gas Taxes FDOT Congestion Management Program Grant											
Project Map 											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	12/31/13	40,897	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/14	12/31/15	120,540	231,119	0	0	0	0	0	0	231,119
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/15	19,684	0	0	0	0	0	0	0	0
Totals:			181,121	231,119	0	0	0	0	0	0	231,119
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						231,119
					Total Funding:						231,119

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR01337	Lakewood Ranch Boulevard ATMS									
Status: Requested Initial Year: 2016 Countywide Location: Lakewood Ranch Boulevard											
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 devices.											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	09/30/17	0	0	0	0	100,000	0	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/17	0	0	0	0	300,000	300,000	0	0	600,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	400,000	300,000	0	0	700,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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

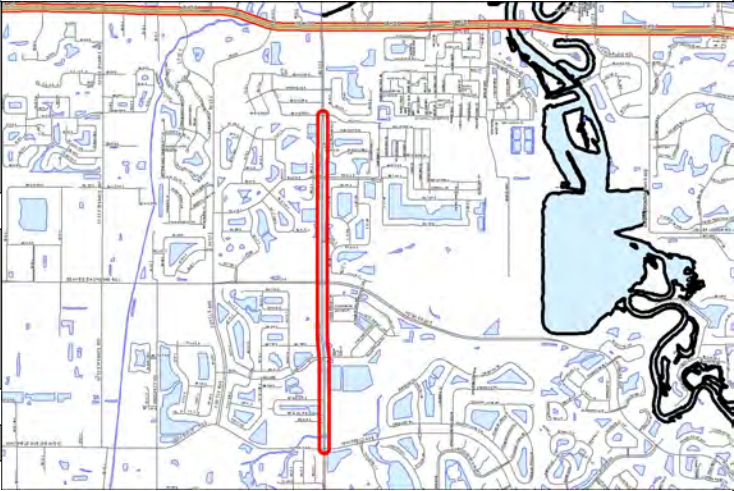
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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		

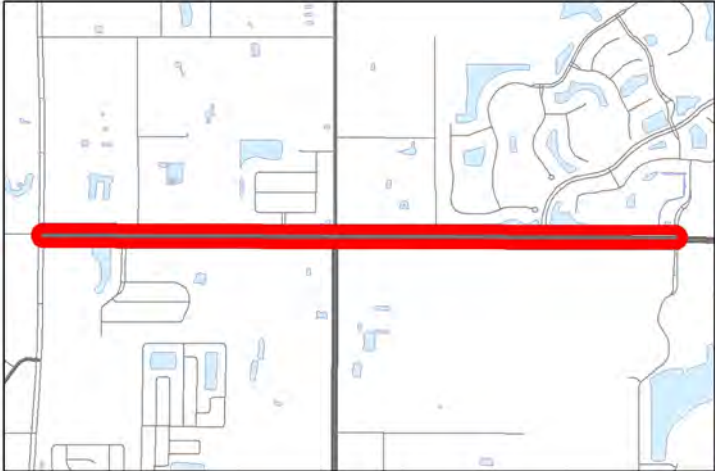
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	06/27/07	09/30/20	300	581,501	0	0	0	0	0	0	581,501
Land:	06/27/07	09/30/20	60,497	537,552	0	0	0	0	0	0	537,552
Construction:	06/27/07	09/30/20	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	09/30/20	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	
	FY2017	FY2018	FY2019	FY2020	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		

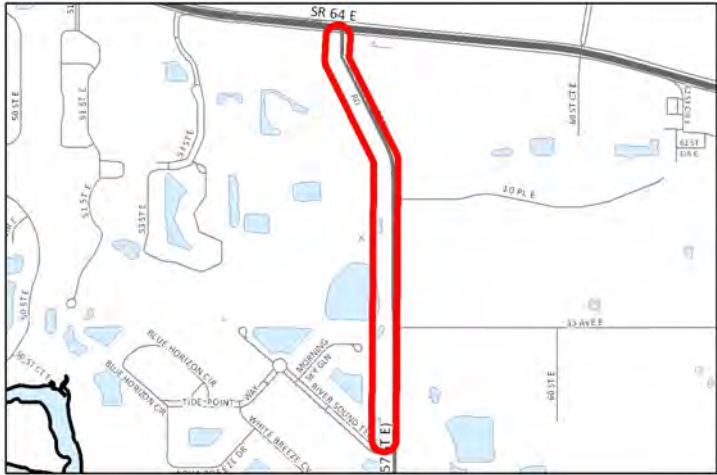
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation			Project# 6009361		Lockwood Ridge Road - 56th Avenue Terrace East - Whitfield Avenue						
Status: Existing Initial Year: 2015 District 5 Location: Lockwood Ridge Road from 56th Avenue Terrace East to 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	11/01/14	06/30/15	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	10/31/15	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	10/31/15	0	0	0	0	0	0	0	0	0
Totals:			0	891,000	0	0	0	0	0	0	891,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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

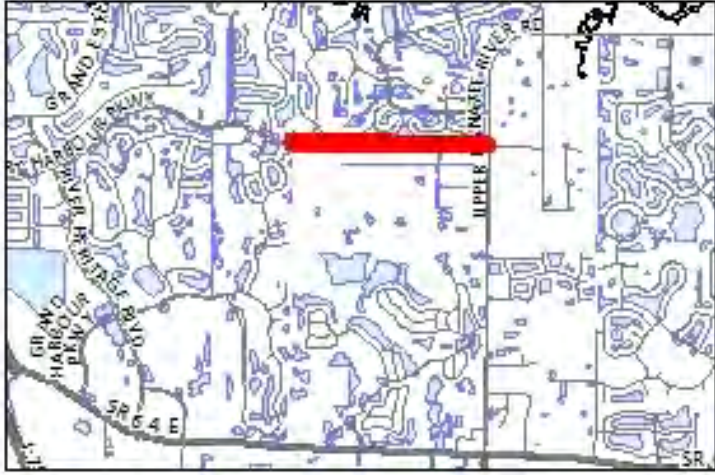
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR01086	Moccasin Wallow Road - US 41 to Gateway Boulevard																																																																																															
Status: Existing Initial Year: 2014 District 1 Location: Moccasin Wallow Road - US 41 to Gateway Blvd.																																																																																																	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/17	12/31/17	0	0	0	0	675,000	0	0	0	675,000																																																																																						
Land:	01/01/16	06/30/17	0	0	0	0	0	0	0	0	0																																																																																						
Construction:	01/01/18	09/30/19	0	0	0	0	0	7,200,000	0	0	7,200,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0																																																																																						
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Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 approximately the 1500 block of Morgan Johnson Road northward to SR 64.																																																																	
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																																																																	
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%;">FY2016</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%;">Future</th> <th style="width: 10%;">Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td>07/01/11 06/30/13</td> <td>122,644</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>07/01/11 06/30/15</td> <td>0</td> <td>175,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>175,000</td> </tr> <tr> <td>Construction:</td> <td>06/01/15 12/31/15</td> <td>191,307</td> <td>630,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>630,000</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>07/01/11 12/31/15</td> <td>16,230</td> <td>25,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>25,000</td> </tr> <tr> <td>Totals:</td> <td></td> <td>330,181</td> <td>830,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>830,000</td> </tr> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	07/01/11 06/30/13	122,644	0	0	0	0	0	0	Land:	07/01/11 06/30/15	0	175,000	0	0	0	0	175,000	Construction:	06/01/15 12/31/15	191,307	630,000	0	0	0	0	630,000	Equipment:		0	0	0	0	0	0	0	Project Mgt.:	07/01/11 12/31/15	16,230	25,000	0	0	0	0	25,000	Totals:		330,181	830,000	0	0	0	0	830,000
Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:	07/01/11 06/30/13	122,644	0	0	0	0	0	0																																																									
Land:	07/01/11 06/30/15	0	175,000	0	0	0	0	175,000																																																									
Construction:	06/01/15 12/31/15	191,307	630,000	0	0	0	0	630,000																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	07/01/11 12/31/15	16,230	25,000	0	0	0	0	25,000																																																									
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No. of Positions:	0	0	0	0																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6076660	Port Harbour Parkway Extension									
Status: Existing Initial Year: 2020 Countywide Location: Port Harbour Parkway - Upper Manatee River Road											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construction of Port Harbour Parkway from its current terminus to Upper Manatee River Road.											
Rationale											
Construction of the extension will provide road improvements that will satisfy transportation concurrency requirements for future growth.											
Funding Strategy											
Developer Bonds											
Project Map 											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,299,202
					Total Funding:						2,299,202

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6086160	Rye Road - SR 64 / Upper Manatee River Road
Status: Existing Initial Year: 2014 District 1 Location: Rye Road		
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.

Project Map



Rationale

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

Funding Strategy

Gas Taxes

<u>Schedule of Activities</u>			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/13	09/30/14	142,192	14,000	0	0	0	0	0	0	14,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/16	0	1,555,200	1,200,000	0	0	0	0	0	2,755,200
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/30/15	6,924	0	0	0	0	0	0	0	0
Totals:			149,116	1,569,200	1,200,000	0	0	0	0	0	2,769,200

Operating Budget Impacts

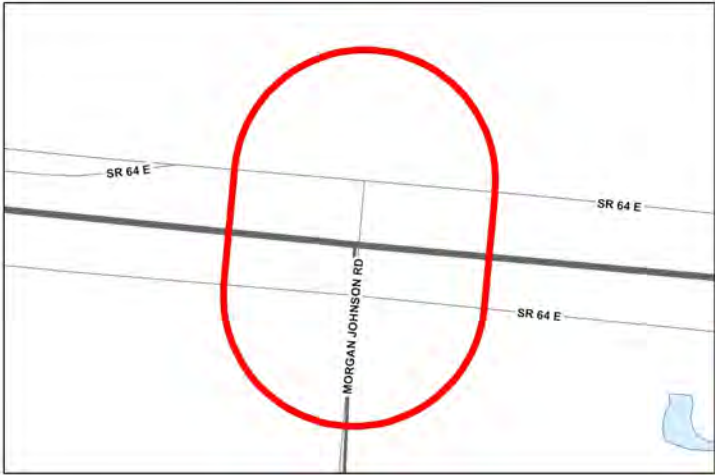
	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	1,569,200
Gas Taxes	1,200,000
Total Funding:	2,769,200

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6086360	SR 64 - 57th Street East (Morgan Johnson) Intersection
Status: Existing Initial Year: 2014 District 1 Location: SR 64 at Morgan Johnson Road		
Comprehensive Plan Information		Project Mgr: Mike Sturm
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

<u>Scope</u> 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.	<u>Project Map</u> 
<u>Rationale</u> To increase safety at intersection location.	
<u>Funding Strategy</u> Gas Taxes Federal / State Revenues and Grants	

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	09/30/14	105,080	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	12/31/15	0	150,000	448,777	0	0	0	0	0	598,777
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/15	3,713	0	0	0	0	0	0	0	0
Totals:			108,794	150,000	448,777	0	0	0	0	0	598,777

<u>Operating Budget Impacts</u>					<u>Means of Financing</u>	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	150,000
Non-Personal:					Grants	448,777
Operating Capital:					Total Funding:	598,777
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6084460	SR 70 at Lakewood Ranch Boulevard Intersection																																																																																															
Status: Existing Initial Year: 2013 District 5 Location: SR 70 at Lakewood Ranch Boulevard Intersection																																																																																																	
Comprehensive Plan Information		Project Mgr: Kent Bontrager																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope																																																																																																	
Upgrade of existing span wire signalization to mast arms.																																																																																																	
Rationale																																																																																																	
Increased safety at intersection location.																																																																																																	
Funding Strategy																																																																																																	
Gas Taxes FDOT Congestion Management Program Grant																																																																																																	
Project Map 																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/12	03/31/15	33,810	0	0	0	0	0	0	0	0																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/13	03/31/15	536,901	642,277	0	0	0	0	0	0	642,277																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/12	03/31/15	56,871	0	0	0	0	0	0	0	0																																																																																						
Totals:			627,582	642,277	0	0	0	0	0	0	642,277																																																																																						
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Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

Means of Financing	
Funding Sources	Amount
All Prior Funding	642,277
Total Funding:	642,277

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR01134	SR 70 at Lockwood Ridge Road Northbound
Status: Existing Initial Year: 2013 District 5 Location: SR 70 at Lockwood Ridge Road		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Other Need		
Scope		
Restripe existing northbound right turn lane as a through lane. Construct separate northbound right turn lane. This project completes project 6025662 for two northbound through lanes on the north side of the intersection.		
Rationale		
Achieve and maintain adopted levels of service and to accommodate the needs of new growth.		
Funding Strategy		
Gas Taxes		
Project Map		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6027261	Snead Island Bridge Rehab																																																																																															
Status: Existing Initial Year: 2010 District 1 Location: Snead Island - 10th Street West, Palmetto																																																																																																	
Comprehensive Plan Information		Project Mgr: Mike Sturm																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope Rehabilitation of bridge to prevent further scouring adjacent to bridge piers. Project Map 																																																																																																	
Rationale To preserve the only access to Snead Island and extend useful life of bridge.																																																																																																	
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: 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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/09</td> <td>03/31/14</td> <td style="text-align: right;">62,340</td> <td style="text-align: right;">65,000</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;">65,000</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>06/01/15</td> <td>10/01/15</td> <td style="text-align: right;">43,175</td> <td style="text-align: right;">280,000</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;">280,000</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>10/01/09</td> <td>03/31/15</td> <td style="text-align: right;">17,958</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;">123,474</td> <td style="text-align: right;">345,000</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;">345,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/09	03/31/14	62,340	65,000	0	0	0	0	0	0	65,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	06/01/15	10/01/15	43,175	280,000	0	0	0	0	0	0	280,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/09	03/31/15	17,958	0	0	0	0	0	0	0	0	Totals:			123,474	345,000	0	0	0	0	0	0	345,000
Schedule of Activities			Programmed Funding																																																																																														
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Design:	10/01/09	03/31/14	62,340	65,000	0	0	0	0	0	0	65,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	06/01/15	10/01/15	43,175	280,000	0	0	0	0	0	0	280,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/09	03/31/15	17,958	0	0	0	0	0	0	0	0																																																																																						
Totals:			123,474	345,000	0	0	0	0	0	0	345,000																																																																																						
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 2016 - 2020 Capital Improvement Program

Transportation	Project# 6022960	Sunny Shores Mobile Home Park																																																																																															
Status: Existing Initial Year: 2015 District 3 Location: Sunny Shores MHP																																																																																																	
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;"> <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="width: 10%;">Activity</th> <th style="width: 10%;">From</th> <th style="width: 10%;">To</th> <th style="width: 10%;">Expended to Date</th> <th style="width: 10%;">Prior Year Approp.</th> <th style="width: 10%;">FY2016</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%;">Future</th> <th style="width: 10%;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>11/01/14</td> <td>07/01/15</td> <td style="text-align: right;">0</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>07/01/15</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>07/01/15</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>Totals:</td> <td></td> <td></td> <td style="text-align: right;">0</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> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	11/01/14	07/01/15	0	10,500	0	0	0	0	0	0	10,500	Land:			0	0	0	0	0	0	0	0	0	Construction:	11/01/14	07/01/15	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	07/01/15	0	0	0	0	0	0	0	0	0	Totals:			0	560,500	0	0	0	0	0	0	560,500
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	11/01/14	07/01/15	0	10,500	0	0	0	0	0	0	10,500																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	11/01/14	07/01/15	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	07/01/15	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	560,500	0	0	0	0	0	0	560,500																																																																																						
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	FY2017	FY2018	FY2019	FY2020	Means of Financing																																																																																												
Personal:					<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;">560,500</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">560,500</td> </tr> </table>		Funding Sources	Amount	All Prior Funding	560,500	Total Funding:	560,500																																																																																					
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Operating Capital:																																																																																																	
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No.of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6059361	Tallevast Road Railroad Crossing Replacement																																																																																															
Status: Requested Initial Year: 2016 Countywide Location: Tallevast Road, Bradenton																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
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.																																																																																																	
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																																																																																																	
Project Map																																																																																																	
																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/15	09/30/16	0	0	10,000	0	0	0	0	0	10,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/16	09/30/17	0	0	0	400,000	0	0	0	0	400,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/15	09/30/17	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			0	0	10,000	400,000	0	0	0	0	410,000																																																																																						
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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: right;">Amount</th> </tr> </thead> <tbody> <tr> <td>Gas Taxes</td> <td style="text-align: right;">410,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">410,000</td> </tr> </tbody> </table>	Means of Financing		Funding Sources	Amount	Gas Taxes	410,000	Total Funding:	410,000																																																																																				
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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 2016 - 2020 Capital Improvement Program

Transportation	Project# 6055660	Tara Blvd - Stone River Rd - Chickasaw Bayou																																																																																															
Status: Existing Initial Year: 2015 District 5 Location: Tara Boulevard																																																																																																	
Comprehensive Plan Information		Project Mgr: Brian Martineau																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																																																															
Scope Improve drainage and repair damaged base, by installing under-drains and removing base and surface. Replacement of curbing and modification/addition of curbing may be necessary. Project Map 																																																																																																	
Rationale The section of roadway between Stone River and Chickasaw Bayou is failing and cannot be repaired by general maintenance. The roadway will continue to fail, causing potholes and base failures and maintenance costs will increase.																																																																																																	
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: 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;">FY2016</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;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td align="center">11/01/14</td> <td align="center">02/28/15</td> <td align="right">0</td> <td align="right">20,000</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">0</td> <td align="right">20,000</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 align="center">03/01/15</td> <td align="center">12/31/15</td> <td align="right">0</td> <td align="right">670,000</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">0</td> <td align="right">670,000</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 align="center">11/01/14</td> <td align="center">12/31/15</td> <td align="right">600</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>Totals:</td> <td></td> <td></td> <td align="right">600</td> <td align="right">690,000</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">0</td> <td align="right">690,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	11/01/14	02/28/15	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	12/31/15	0	670,000	0	0	0	0	0	0	670,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	11/01/14	12/31/15	600	0	0	0	0	0	0	0	0	Totals:			600	690,000	0	0	0	0	0	0	690,000
Schedule of Activities			Programmed Funding																																																																																														
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Design:	11/01/14	02/28/15	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	12/31/15	0	670,000	0	0	0	0	0	0	670,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	11/01/14	12/31/15	600	0	0	0	0	0	0	0	0																																																																																						
Totals:			600	690,000	0	0	0	0	0	0	690,000																																																																																						
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Operating Budget Impacts					Means of Financing																																																																																												
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No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6017761	Taylor Road Bridge #134101 Replacement									
Status: Existing Initial Year: 2014 District 5 Location: Taylor Road West of Wauchula Road											
Comprehensive Plan Information		Project Mgr: Garret Schaffer									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Deficiency											
Scope		Project Map									
This project provides for the replacement of the existing 80' long one lane wooden bridge on Taylor Road.											
Rationale											
The existing wooden structure has aged to the point that it has become cost prohibitive to repair. The two other wooden bridges on Taylor Road have already been replaced with concrete structures within the last 20 years.											
Funding Strategy											
Gas Taxes											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	03/31/14	4,320	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	10/31/15	860,020	961,993	0	0	0	0	0	0	961,993
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	03/31/15	97,652	0	0	0	0	0	0	0	0
Totals:			961,992	961,993	0	0	0	0	0	0	961,993
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						961,993
					Total Funding:						961,993

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6049160	Tuttle Avenue - Woodbrook II - Whitfield Ave
Status: Existing Initial Year: 2015 District 4 Location: Tuttle Avenue -Woodbrook II - Whitfield Avenue		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Taper existing two-lane segment of road and transition to divided segment to accommodate four lanes in the future. Construct outside two lanes north to Whitfield Avenue and provide project access locations on Tuttle Avenue, according to preliminary site plan.	
Rationale	
Future growth preparation.	
Funding Strategy	
Gas Taxes	

Schedule of Activities			Programmed Funding							
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future
Activity	From	To								
Design:	10/01/14	06/01/16	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0
Construction:	10/01/14	06/01/16	371,691	495,000	0	0	0	0	0	495,000
Equipment:			0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/01/16	13,504	0	0	0	0	0	0	0
Totals:			385,195	495,000	0	0	0	0	0	495,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	495,000
Total Funding:	495,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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

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

Comprehensive Plan Information

Project Mgr: **Mike Sturm**

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

Project Need: **Growth**

Scope

Expand services through construction 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

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Appropriated to Date
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	
Design:	10/01/10	06/30/15	273,559	0	0	0	0	0	0	0	0
Land:	10/01/11	03/31/16	0	1,300,000	1,500,000	0	0	0	0	0	2,800,000
Construction:	01/01/16	12/31/17	60	260,000	0	0	0	0	0	0	260,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/17	9,538	0	0	0	0	0	0	0	0
Totals:			283,157	1,560,000	1,500,000	0	0	0	0	0	3,060,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

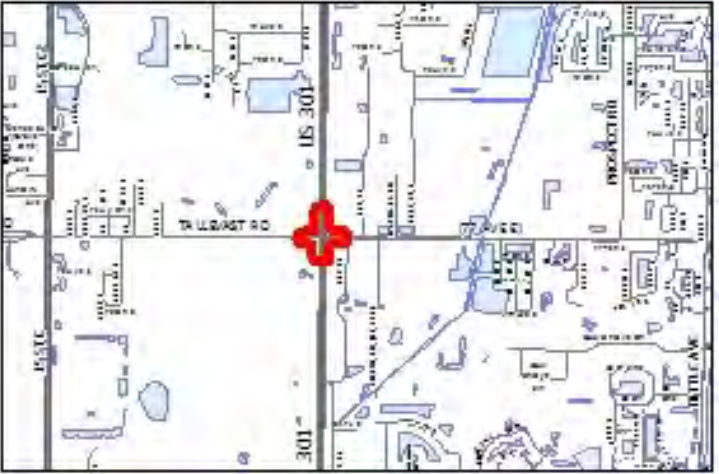
Means of Financing

Funding Sources	Amount
All Prior Funding	1,560,000
Impact Fees	1,500,000
Total Funding:	3,060,000

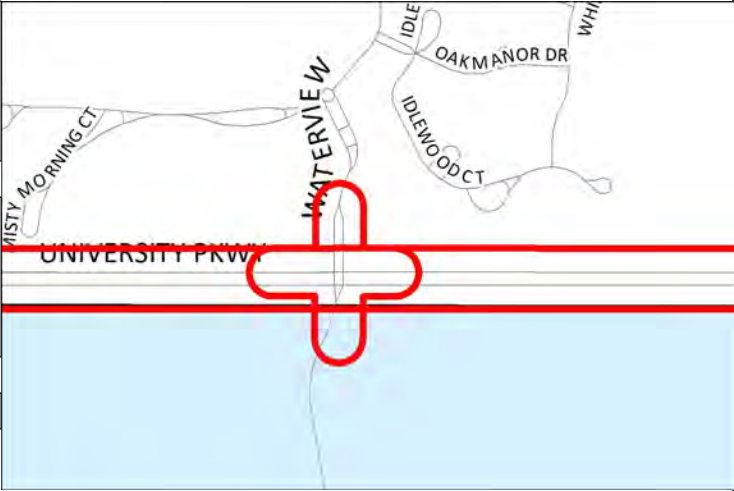
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6061960	US 301 - Fort Hamer Road Intersection									
Status: Existing Initial Year: 2010 District 1 Location: US 301 at Fort Hamer Road											
Comprehensive Plan Information		Project Mgr: Mike Sturm									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Construction of intersection improvements including realignment, and turn lanes for left turn on US 301 southbound and right turn on US 301 northbound directions, and 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/10	06/30/10	459,292	1,334,513	0	0	0	0	0	0	1,334,513
Land:	07/01/10	03/31/12	1,128,009	0	1,333,255	0	0	0	0	0	1,333,255
Construction:	01/01/13	06/30/16	1,883,444	2,896,487	866,745	0	0	0	0	0	3,763,232
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/10	06/30/16	157,259	219,000	0	0	0	0	0	0	219,000
Totals:			3,628,004	4,450,000	2,200,000	0	0	0	0	0	6,650,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:	8,500	8,500	8,500	0							
Operating Capital:											
Operating Total:	8,500	8,500	8,500	0							
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						4,450,000
					Impact Fees						2,200,000
					Total Funding:						6,650,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# 6083906	US 301 - Tallevast Road - Capacity Improvements									
Status: Existing Initial Year: 2015 District 4 Location: US 301 - Tallevast Road											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: Yes Plan Reference: Project Need: Growth											
Scope											
Capacity improvements related to turn lanes at the intersection of Tallevast Road; add appropriate turn lanes and existing roadway modifications for the new Transit Administration facility at the northwest corner of US 301 and Tallevast Road. The improvements will include the east bound approach on Tallevast to provide a 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 Facility on Tallevast Road.											
Rationale											
Design and construction can be efficiently completed for these capacity improvements during the ongoing construction of the Transit Administration facility. This project will provide added capacity and efficiency at the Tallevast/US 301 intersection and accomplish necessary improvements to Tallevast Road.											
Project Map											
											
Funding Strategy											
Impact Fees											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	12/31/15	0	0	75,000	0	0	0	0	0	75,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/16	09/30/17	28,707	147,676	478,940	0	0	0	0	0	626,616
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/17	0	0	98,000	0	0	0	0	0	98,000
Totals:			28,707	147,676	651,940	0	0	0	0	0	799,616
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					Impact Fees						
					Total Funding:						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	01/01/14	03/31/15	85,579	0	0	0	0	0	0	0	0						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/15	03/31/16	45,172	811,000	0	0	0	0	0	0	811,000						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	01/01/14	03/31/16	4,624	0	0	0	0	0	0	0	0						
Totals:			135,375	811,000	0	0	0	0	0	0	811,000						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					All Prior Funding						811,000						
					Total Funding:						811,000						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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																																																																																																	
Comprehensive Plan Information		Project Mgr: William Lorenzo																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
Scope																																																																																																	
Roadway functional improvements to include shoulder enhancement where necessary.																																																																																																	
Rationale																																																																																																	
To enhance utilization of existing roadway facility and upgrade to current Florida Department of Transportation (FDOT) design standards.																																																																																																	
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Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/11	09/30/14	27,386	190,000	0	0	0	0	0	0	190,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/14	03/31/17	194,537	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	193,014	10,000	0	0	0	0	0	0	10,000																																																																																						
Totals:			414,937	3,511,612	0	0	0	0	0	0	3,511,612																																																																																						
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Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No.of Positions:	0	0	0	0																																																																																													

Means of Financing	
Funding Sources	Amount
All Prior Funding	3,511,612
Total Funding:	3,511,612

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Transportation	Project# TR01346	Wauchula Road Over Young's Creek Bridge Replacement									
Status: Requested Initial Year: 2018 Countywide 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	0	55,000	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	0	900,000	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	0	55,000	900,000	0	0	955,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program
Sources and Uses of Funds Plan Summary by Category

Wastewater

Source of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
All Sources	77,047,527	178,934,550	0	0	0	0	0	0	178,934,550
Debt Proceeds	0	0	0	6,524,000	18,598,500	8,286,000	5,659,000	0	39,067,500
Facility Investment Fees	0	0	10,293,750	5,048,750	5,000,000	125,000	3,875,000	0	24,342,500
Rates	0	0	16,575,675	4,400,690	3,919,760	18,233,000	14,319,450	7,480,450	64,929,025
Total Source of Funds	77,047,527	178,934,550	26,869,425	15,973,440	27,518,260	26,644,000	23,853,450	7,480,450	307,273,575

Use of Funds

	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total Budget
Wastewater Collections	2,966,555	6,090,836	6,075,000	1,250,000	5,000,000	0	1,000,000	0	19,415,836
Wastewater Growth Related Booster Station	6,686,312	6,931,772	0	556,500	4,280,500	7,507,000	2,200,000	0	21,475,772
Wastewater Restore/Rehab	7,772,029	41,848,229	13,807,675	4,103,250	5,853,700	7,638,000	8,608,000	0	81,858,854
Wastewater Transportation Related	218,847	1,709,041	1,750,000	0	0	0	1,000,000	0	4,459,041
Wastewater Treatment	59,403,784	122,354,672	5,236,750	10,063,690	12,384,060	11,499,000	11,045,450	7,480,450	180,064,072
Total Use of Funds	77,047,527	178,934,550	26,869,425	15,973,440	27,518,260	26,644,000	23,853,450	7,480,450	307,273,575



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Wastewater Collections									
1 Force Main 41A Redirect to Tara 20 (WW00980 / Existing)	0	0	0	1,250,000	5,000,000	0	0	0	6,250,000
2 Force Main Tara Boulevard (6079880 / Existing)	994,907	1,640,000	0	0	0	0	0	0	1,640,000
3 Line Extension and Participation (WW01257 / Existing)	0	0	0	0	0	0	1,000,000	0	1,000,000
4 Parrish Village Force Main and Master Lift Station (6069180 / Existing)	1,334,142	1,431,898	5,100,000	0	0	0	0	0	6,531,898
5 SR 64 from Carlton Arms to I-75 - Sewer Line Relocation (6059980 / Existing)	549,560	713,938	0	0	0	0	0	0	713,938
6 Tara 20 Force Main Parallel to Lena Road (6079881 / Existing)	87,946	2,305,000	975,000	0	0	0	0	0	3,280,000
Wastewater Collections	2,966,555	6,090,836	6,075,000	1,250,000	5,000,000	0	1,000,000	0	19,415,836

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
<u>Wastewater Growth Related Booster Stations</u>									
7 North Expansion (WW01374 / Requested)	0	0	0	0	0	0	1,000,000	0	1,000,000
8 North Water Reclamation Facility Expansion, Phase I (6011283 / Existing)	6,686,312	6,931,772	0	0	0	0	0	0	6,931,772
9 North Water Reclamation Facility Headworks Second Grit Removal System (WW01245 / Requested)	0	0	0	0	252,000	1,430,000	0	0	1,682,000
10 Southeast Water Reclamation Facility Dedicated Plant Drain Station (WW01248 / Requested)	0	0	0	0	179,000	1,033,000	0	0	1,212,000
11 Southeast Water Reclamation Facility Expansion (WW01115 / Requested)	0	0	0	0	0	0	1,000,000	0	1,000,000
12 Southeast Water Reclamation Facility Return Activated Sludge & Waste Activated Sludge System Upgrade (WW01249 / Requested)	0	0	0	0	273,000	1,540,000	0	0	1,813,000
13 Southeast Water Reclamation Facility Storage Lakes & Pump Back Station Improvements (WW01250 / Requested)	0	0	0	556,500	3,576,500	3,020,000	0	0	7,153,000
14 Southwest Water Reclamation Facility Bleach Tank Roofover (WW01256 / Requested)	0	0	0	0	0	484,000	200,000	0	684,000
Wastewater Growth Related Booster Stations	6,686,312	6,931,772	0	556,500	4,280,500	7,507,000	2,200,000	0	21,475,772

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Wastewater Restore/Rehab									
15 12A Motor Control Center Rehabilitation (WW01365 / Requested)	0	0	0	0	0	0	336,000	0	336,000
16 13A Motor Control Center Rehabilitation (WW01366 / Requested)	0	0	0	0	0	0	336,000	0	336,000
17 13A Wet Well Rehabilitation (WW01367 / Requested)	0	0	0	0	0	495,000	0	0	495,000
18 1M Motor Control Center Rehabilitation (WW01364 / Requested)	0	0	0	0	0	0	336,000	0	336,000
19 27A Motor Control Center Rehabilitation (WW01368 / Requested)	0	0	0	0	0	336,000	0	0	336,000
20 39A Motor Control Center Rehabilitation (WW01369 / Requested)	0	0	0	0	0	357,000	0	0	357,000
21 51st Street Gravity Main Sewer Replacement (6035782 / Existing)	49,030	1,970,000	350,000	0	0	0	0	0	2,320,000
22 Colony Cove 1 and 2 - Gravity Sewer Rehabilitation (6005680 / Existing)	201,114	1,332,715	0	0	0	0	350,000	0	1,682,715
23 End of Service Life Collection Line Replacement (WW01259 / Requested)	0	0	0	2,500,000	3,000,000	3,500,000	4,000,000	0	13,000,000
24 End of Service Life Lift Stations Replacement & Generators (WW01258 / Requested)	0	0	0	0	0	1,500,000	1,500,000	0	3,000,000
25 Force Main 1/1C/Imperial House Replacement (WW01363 / Requested)	0	0	0	35,000	325,000	0	0	0	360,000
26 Force Main 11 Replacement - 52nd Street (WW01358 / Requested)	0	0	0	0	0	100,000	850,000	0	950,000
27 Force Main 11 Replacement - 56th Street & Holmes Road (WW01359 / Requested)	0	0	0	0	140,000	1,250,000	0	0	1,390,000
28 Force Main 12A Rehabilitation (6028386 / Existing)	89,030	315,000	4,500,000	0	0	0	0	0	4,815,000
29 Force Main 13A Rehabilitation (6049181 / Existing)	167,210	6,336,699	0	0	0	0	0	0	6,336,699
30 Force Main 15D (6022381 / Existing)	590,734	590,735	0	0	0	0	0	0	590,735
31 Force Main 17A Replacement (6028385 / Existing)	19,070	64,000	319,000	0	0	0	0	0	383,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
32 Force Main 18M Rehabilitation (6083780 / Existing)	56,845	750,000	0	0	0	0	0	0	750,000
33 Force Main 1A Whitfield Subdivision (6052280 / Existing)	1,863,695	2,240,939	0	0	0	0	0	0	2,240,939
34 Force Main 1D Rehabilitation (6035781 / Existing)	360,913	5,820,000	0	0	0	0	0	0	5,820,000
35 Force Main 1M Rehabilitation (6085780 / Existing)	422,435	3,550,000	2,715,000	0	0	0	0	0	6,265,000
36 Force Main 1MA Replacement (6085980 / Existing)	128,448	128,449	0	0	0	0	0	0	128,449
37 Force Main 23A Replacement (6022488 / Existing)	31,915	328,000	0	0	0	0	0	0	328,000
38 Force Main 27A Rehabilitation (6023180 / Existing)	23,268	340,000	1,700,000	0	0	0	0	0	2,040,000
39 Force Main 27A from 51st Street West to the Southwest Water Reclamation Facility (6082980 / Existing)	79,586	5,150,000	200,000	0	0	0	0	0	5,350,000
40 Force Main 30A Replacement (WW01361 / Requested)	0	0	0	35,000	320,000	0	0	0	355,000
41 Force Main 31A Replacement (6052181 / Existing)	21,927	105,000	720,000	0	0	0	0	0	825,000
42 Force Main 33A Replacement (WW01360 / Requested)	0	0	0	0	0	100,000	900,000	0	1,000,000
43 Force Main 34A Replacement - 26th Street West from Heron Way to 53rd Avenue West (6081280 / Existing)	2,155,864	2,358,417	0	0	0	0	0	0	2,358,417
44 Force Main 5 Rehabilitation (Anna Maria Island) (6041585 / Existing)	43,620	5,004,000	0	0	0	0	0	0	5,004,000
45 Force Main Orlando Avenue Replacement (WW01362 / Requested)	0	0	0	60,000	500,000	0	0	0	560,000
46 MLS 12A Emergency Generator Replacement (6022384 / Existing)	0	457,750	50,000	0	0	0	0	0	507,750
47 MLS 12A Pumps & Variable Frequency Drive Replacement (WW01226 / Requested)	0	0	0	0	522,900	0	0	0	522,900
48 MLS 12A Wet Well Rehab & Dimminutor Replacement (6022287 / Existing)	4,298	798,250	0	0	0	0	0	0	798,250
49 MLS 13A Emergency Generator Replacement (6022382 / Existing)	11,516	392,175	50,000	0	0	0	0	0	442,175

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
50 MLS 1D Wet Well Rehab & Dimminutor Replacement (6060789 / Requested)	0	0	888,250	0	0	0	0	0	888,250
51 MLS 1M Emergency Generator Replacement (6022383 / Existing)	9,802	457,750	50,000	0	0	0	0	0	507,750
52 MLS 1M Rehabilitation (6060783 / Existing)	3,978	645,000	0	0	0	0	0	0	645,000
53 MLS 27A Emergency Generator Replacement (6022289 / Existing)	11,864	457,750	50,000	0	0	0	0	0	507,750
54 MLS 27A Pumps and Variable Frequency Drive Replacement (WW01232 / Requested)	0	0	0	0	522,900	0	0	0	522,900
55 MLS 39A Emergency Generator Replacement (WW01233 / Requested)	0	0	0	507,750	0	0	0	0	507,750
56 MLS 39A Pumps & Variable Frequency Drive Replacement (6017982 / Existing)	22,338	588,250	0	0	0	0	0	0	588,250
57 MLS 39A Rehabilitation (6017981 / Existing)	384,913	420,000	0	0	0	0	0	0	420,000
58 MLS 5 Wet Well Rehabilitation (6060786 / Requested)	0	0	507,750	0	0	0	0	0	507,750
59 MLS Lakewood Ranch Emergency Generator Replacement (WW01237 / Requested)	0	0	0	507,750	0	0	0	0	507,750
60 MLS Lakewood Ranch Wet Well Rehabilitation (WW01238 / Requested)	0	0	0	457,750	0	0	0	0	457,750
61 MLS N1-B Dimminutor Replacement (6022288 / Existing)	642	229,375	300,000	0	0	0	0	0	529,375
62 MLS N1-B Emergency Generator Replacement (6060787 / Requested)	0	0	507,750	0	0	0	0	0	507,750
63 MLS N1-B Pumps & Variable Frequency Drive Replacement (WW01241 / Requested)	0	0	0	0	522,900	0	0	0	522,900
64 MLS Tara 20 Wet Well Rehabilitation (6060788 / Requested)	0	0	392,175	0	0	0	0	0	392,175
65 MLS Tideview 4 Emergency Generator Replacement (6060785 / Requested)	0	0	507,750	0	0	0	0	0	507,750
66 MLS Tideview 4 Rehabilitation (6060784 / Existing)	655,428	655,428	0	0	0	0	0	0	655,428

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
67 Trailer Estates Sewer Rehabilitation Phase III (6018081 / Existing)	362,546	362,547	0	0	0	0	0	0	362,547
Wastewater Restore/Rehab	7,772,029	41,848,229	13,807,675	4,103,250	5,853,700	7,638,000	8,608,000	0	81,858,854
Wastewater Transportation Related									
68 15th Street East - 301 Boulevard - US 41 - 53rd Avenue East - Sewer (6029980 / Existing)	8,956	44,066	0	0	0	0	0	0	44,066
69 45th Street East - 44th Avenue East - SR 70 - Sewer (6025682 / Existing)	26,845	410,000	0	0	0	0	0	0	410,000
70 53rd Avenue West (43rd Street West - 75th Street West) Reclaimed Water (6082990 / Existing)	0	700,000	0	0	0	0	0	0	700,000
71 9th Street East - 53rd Avenue East - 57th Avenue East - Sewer (6040480 / Existing)	16,301	160,000	0	0	0	0	0	0	160,000
72 Rye - SR 64 - Upper Manatee River Road - Sewer (6086180 / Existing)	15,765	200,000	1,750,000	0	0	0	0	0	1,950,000
73 Transportation Related - Wastewater (WW01372 / Requested)	0	0	0	0	0	0	1,000,000	0	1,000,000
74 US 301 at Fort Hamer Road Intersection - Sewer (6061980 / Existing)	143,268	160,000	0	0	0	0	0	0	160,000
75 US301 - CR 675 - Moccasin Wallow Road - Sewer (6085480 / Existing)	7,712	34,975	0	0	0	0	0	0	34,975
Wastewater Transportation Related	218,847	1,709,041	1,750,000	0	0	0	1,000,000	0	4,459,041

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
Wastewater Treatment									
76 Deep Injection Well Booster Station (WW01222 / Requested)	0	0	0	662,000	3,600,000	0	0	0	4,262,000
77 Manatee Agricultural Reclaimed System Booster Pump Station (WW00968 / Requested)	0	0	0	0	0	0	856,000	4,280,000	5,136,000
78 Manatee Agricultural Reclaimed System Chlorination at Southwest Water Reclamation Facility (6082190 / Existing)	52,498	84,000	681,000	0	0	0	0	0	765,000
79 Manatee Agricultural Reclaimed System Reclaim Participation (WW01373 / Requested)	0	0	0	0	0	0	100,000	0	100,000
80 Manatee Agricultural Reuse Supply - Erie Road Main Tie-In (6085590 / Existing)	0	311,000	0	1,730,000	0	0	0	0	2,041,000
81 Manatee Agricultural Reuse Supply - Management Improvements (6082091 / Existing)	394,587	3,770,000	1,120,000	0	0	0	0	0	4,890,000
82 North Water Reclamation Facility 4th Belt Filter Press & BFP Automation (WW01244 / Requested)	0	0	0	0	0	250,000	1,750,000	0	2,000,000
83 North Water Reclamation Facility Class V Recharge Wells (6079480 / Existing)	1,090,771	8,997,719	0	0	0	0	0	0	8,997,719
84 North Water Reclamation Facility Equalization Tank (6088490 / Existing)	0	780,000	404,000	3,602,940	1,856,060	0	0	0	6,643,000
85 North Water Reclamation Facility Fiber Optics (6084900 / Existing)	50,112	50,112	0	0	0	0	0	0	50,112
86 North Water Reclamation Facility Recharge Wells Pump Station (6087390 / Existing)	0	4,200,000	400,000	0	0	0	0	0	4,600,000
87 North Water Reclamation Facility Reclaimed Water Transmission Line (6087590 / Existing)	0	5,637,500	2,068,750	2,068,750	0	0	0	0	9,775,000
88 North Water Reclamation Facility Secondary Clarifier 1 & 2 Refurbishment (WW01246 / Requested)	0	0	0	0	336,000	1,861,000	0	0	2,197,000
89 North Water Reclamation Facility Sludge Holding Improvements (6050581 / Existing)	1,749,586	4,595,000	0	0	0	0	0	0	4,595,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
90 North Water Reclamation Facility South Chlorine Contact Chamber Refurbishment (WW01247 / Requested)	0	0	0	0	82,000	469,000	0	0	551,000
91 Southeast Water Reclamation Facility 10 Million Gallon Storage Tanks and Interconnection (6084880 / Existing)	3,581,218	9,898,747	0	0	0	0	0	0	9,898,747
92 Southeast Water Reclamation Facility Dedicated Reject Line (6083680 / Existing)	876,323	1,595,000	0	0	0	0	0	0	1,595,000
93 Southeast Water Reclamation Facility Headworks Rehabilitation (6083380 / Existing)	1,888,490	2,250,000	200,000	0	0	0	0	0	2,450,000
94 Southeast Water Reclamation Facility Internal Recycle Pumps (6083580 / Existing)	1,493,023	2,710,000	200,000	0	0	0	0	0	2,910,000
95 Southeast Water Reclamation Facility Lake Filtering System (6073780 / Existing)	5,344,445	6,545,000	0	0	0	0	0	0	6,545,000
96 Southeast Water Reclamation Facility Maintenance Building (6085080 / Existing)	1,824,758	3,036,000	0	0	0	0	0	0	3,036,000
97 Southeast Water Reclamation Facility Septage Receiving Station (6083480 / Existing)	248,372	4,400,500	0	0	0	0	0	0	4,400,500
98 Southeast Water Reclamation Facility Sludge Holding Tank Improvements (6041981 / Existing)	1,068,932	1,785,000	0	0	0	0	0	0	1,785,000
99 Southwest Water Reclamation Facility - Electrical Distribution System Rehab/Enhancement (WW01370 / Requested)	0	0	0	0	0	640,000	2,880,450	3,200,450	6,720,900
100 Southwest Water Reclamation Facility - Replace Belt Filter Press Feed Pumps and Eddy Current Drives (WW01371 / Requested)	0	0	0	0	100,000	710,000	0	0	810,000
101 Southwest Water Reclamation Facility Automatic Backwash Filter Rehabilitation (6016681 / Existing)	372,383	2,459,000	0	0	0	0	0	0	2,459,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program
Uses of Funds by Project and Category

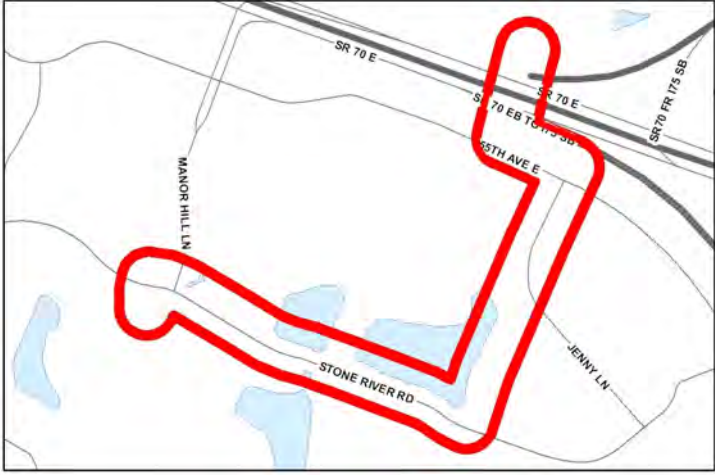
Wastewater	Actual	Budget	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Total
102 Southwest Water Reclamation Facility Belt Filter Press Electrical Rehabilitation & Monitoring (WW01251 / Requested)	0	0	0	0	238,000	1,585,000	0	0	1,823,000
103 Southwest Water Reclamation Facility Chlorine Contact Chamber (WW01252 / Requested)	0	0	0	0	172,000	980,000	0	0	1,152,000
104 Southwest Water Reclamation Facility Clarifier 3 and 4 Rehabilitation (6078981 / Existing)	2,317,737	3,250,000	0	0	0	0	0	0	3,250,000
105 Southwest Water Reclamation Facility Class V Recharge Well & Aquifer Storage Recovery Well (6069081 / Existing)	150,252	6,464,000	163,000	0	0	0	0	0	6,627,000
106 Southwest Water Reclamation Facility Effluent Storage Tank 2 (6036083 / Existing)	7,780,734	8,601,526	0	0	0	0	0	0	8,601,526
107 Southwest Water Reclamation Facility Equalization System Rehabilitation (WW01254 / Requested)	0	0	0	0	0	404,000	5,459,000	0	5,863,000
108 Southwest Water Reclamation Facility Headworks Rehabilitation (6036084 / Existing)	1,054,532	1,169,050	0	0	0	0	0	0	1,169,050
109 Southwest Water Reclamation Facility Lake Filtration, North Pond Lining and Reject Pond (6079180 / Existing)	14,873,129	15,610,135	0	0	0	0	0	0	15,610,135
110 Southwest Water Reclamation Facility New Headworks (WW01255 / Requested)	0	0	0	2,000,000	6,000,000	4,600,000	0	0	12,600,000
111 Southwest Water Reclamation Facility Process Modifications for Nitrogen Removal (6079080 / Existing)	9,792,415	20,380,383	0	0	0	0	0	0	20,380,383
112 Southwest Water Reclamation Facility Roof Over Sludge Trailer (6047281 / Existing)	174,544	275,000	0	0	0	0	0	0	275,000
113 Utility Operation Warehouse, Collections, Lift Station and Office Complex (6019205 / Existing)	3,224,943	3,500,000	0	0	0	0	0	0	3,500,000
Wastewater Treatment	59,403,784	122,354,672	5,236,750	10,063,690	12,384,060	11,499,000	11,045,450	7,480,450	180,064,072



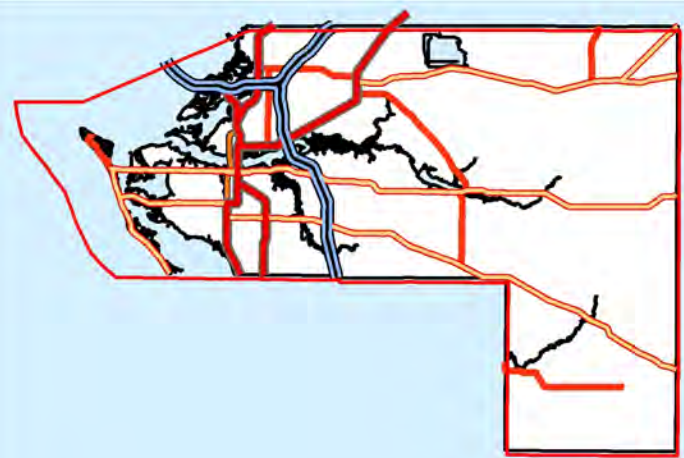
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		Force Main 41A Redirect to Tara 20						
Wastewater Collections			WW00980								
Status: Existing Initial Year: 2014 District 5 Location: Whitfield Avenue - Old Farm Road - Winslow Avenue											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	1,000,000	0	0	0	0	1,000,000
Land:	01/01/17	06/30/17	0	0	0	250,000	0	0	0	0	250,000
Construction:	10/01/17	12/31/19	0	0	0	0	5,000,000	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	0	0	0	0	0	0	0
Totals:			0	0	0	1,250,000	5,000,000	0	0	0	6,250,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources				Amount		
Non-Personal:					Facility Investment Fees				6,250,000		
Operating Capital:					Total Funding:				6,250,000		
Operating Total:											
No.of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main Tara Boulevard									
Wastewater Collections	6079880										
Status: Existing Initial Year: 2011 District 5 Location: SR 70 & Tara Boulevard											
Comprehensive Plan Information		Project Mgr: Brian Bates									
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Installation of 24 inch force main from Tara 20 Master Lift Station to SR 70 and I-75, connecting to the existing 36 inch force main.											
Rationale											
Construction was recommended in McKim and Creed Southeast Service Area Analysis to enhance system flow requirements.											
Funding Strategy											
Debt Proceeds Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/10	09/30/12	33,707	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/12	09/30/15	863,824	1,490,000	0	0	0	0	0	0	1,490,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	09/30/15	97,376	150,000	0	0	0	0	0	0	150,000
Totals:			994,907	1,640,000	0	0	0	0	0	0	1,640,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					Total Funding:						
					1,640,000						

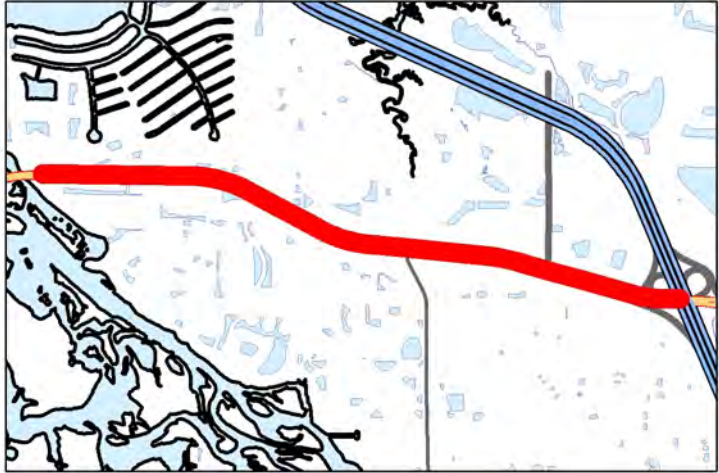
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Line Extension and Participation																																																																																															
Wastewater Collections	WW01257																																																																																																
Status: Existing Initial Year: 2015 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 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																																																																																																	
<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;">FY2016</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;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/19</td> <td>09/30/21</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;">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>10/01/19</td> <td>09/30/21</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;">1,000,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,000,000</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>09/30/21</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;">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: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,000,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,000,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	0	1,000,000	0	1,000,000	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	0	1,000,000	0	1,000,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	0	1,000,000	0	1,000,000																																																																																						
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	0	1,000,000	0	1,000,000																																																																																						
Operating Budget Impacts																																																																																																	
	FY2017	FY2018	FY2019	FY2020	Means of Financing																																																																																												
Personal:					Funding Sources																																																																																												
Non-Personal:					Amount																																																																																												
Operating Capital:					Facility Investment Fees																																																																																												
Operating Total:					Total Funding:																																																																																												
No. of Positions:	0	0	0	0																																																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 at Erie Road											
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 Debt Proceeds											
Project Map											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/15	06/30/15	518,415	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:	10/01/15	12/31/16	487,946	200,000	5,100,000	0	0	0	0	0	5,300,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/08	12/31/16	85,008	68,350	0	0	0	0	0	0	68,350
Totals:			1,334,142	1,431,898	5,100,000	0	0	0	0	0	6,531,898
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						1,431,898
					Facility Investment Fees						5,100,000
					Total Funding:						6,531,898

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	SR 64 from Carlton Arms to I-75 - Sewer Line Relocation									
Wastewater Collections	6059980										
Status: Existing Initial Year: 2006 District 5 Location: SR 64 - Carlton Arms Boulevard - I75											
Comprehensive Plan Information			Project Mgr: Anthony Benitez								
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth									
Scope		Project Map									
Relocation of 2,100 linear feet of county owned sewer line as part of Florida Department of Transportation expansion project.											
Rationale											
Florida Department of Transportation is improving a portion of SR 64 from Carlton Arms Boulevard towards I-75. The project will consist of six lanes (2.502 miles in length) to include lighting, sidewalks and 4 foot bike lanes. Due to county owned facilities located within the limits of the project, the county is required to relocate the existing sewer force main.											
Funding Strategy											
Utility Rates Facility Investment Fees - Sewer											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	08/01/06	12/31/11	3,794	21,538	0	0	0	0	0	0	21,538
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/12	09/30/15	544,143	671,293	0	0	0	0	0	0	671,293
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	08/01/06	09/30/15	1,623	21,107	0	0	0	0	0	0	21,107
Totals:			549,560	713,938	0	0	0	0	0	0	713,938
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						713,938
					Total Funding:						713,938

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 Boulevard East (Lena Rd) from SR 70 to 41st Avenue East											
Comprehensive Plan Information		Project Mgr: Brian Bates									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	02/28/15	36,655	505,000	0	0	0	0	0	0	505,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/15	12/31/16	7,554	1,800,000	975,000	0	0	0	0	0	2,775,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/16	43,737	0	0	0	0	0	0	0	0
Totals:			87,946	2,305,000	975,000	0	0	0	0	0	3,280,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,305,000
					Facility Investment Fees						975,000
					Total Funding:						3,280,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	North Expansion									
Wastewater Growth Related Booster Stations	WW01374										
Status: Requested Initial Year: 2016 District 1 Location: 8500 69th Street, Palmetto											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Growth											
Scope											
Expansion of the North Regional Water Reclamation Facility treatment processes including headworks, aeration basins, clarifiers, automatic backwash filters, chlorine contact chambers, residual handling, sludge holding tanks, equalization tanks, lake storage, electrical SCADA and all other processes and appurtenances necessary to accommodate increased flows and relevant regulatory requirements.											
Rationale											
Population projections for the North service area indicated the need to increase plant capacity to accommodate increased wastewater flows to the NRWRF. Additionally, as the plant nears its permitted capacity there are regulatory thresholds that mandate expansion efforts.											
Funding Strategy											
Facility Investment Fees - Sewer											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/19	12/31/20	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	0	0	1,000,000	0	1,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	1,000,000	0	1,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Facility Investment Fees						1,000,000
					Total Funding:						1,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Expansion, Phase I
Wastewater Growth Related Booster Stations	6011283	
Status: Existing Initial Year: 2010 District 1 Location: 8500 69th Street, Palmetto		
Comprehensive Plan Information		Project Mgr: Anthony Benitez
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth

Scope	Project Map
Interim improvements to enhance the biological treatment and improve the reclaimed system water quality and reliability. Modifications include new dissolved oxygen probes in the existing aeration basins, replacement of the internal recirculation pumps, and system automation for automatic dissolved oxygen control of the blowers for improved nitrogen removal. The lake filtration work includes lake intake structure improvements, new lake gravity filters, yard piping and appurtenances to increase the lake filtration capacity from 1.5 million gallons per day to 15 million gallons per day and improve water quality and system reliability.	
Rationale	
Influent nitrate loading has increased over the years resulting in biological process limitations and incomplete reduction of nitrates which may cause the facility not to operate correctly. The existing lake filtration system is insufficient to meet current demands resulting in poor water quality and reduced reliability for the end user.	
Funding Strategy	
Debt Proceeds Facility Investments Fees - Sewer	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/01/10	07/31/11	706,525	1,295,000	0	0	0	0	0	0	1,295,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/11	09/30/15	5,573,607	5,171,772	0	0	0	0	0	0	5,171,772
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/10	09/30/15	406,181	465,000	0	0	0	0	0	0	465,000
Totals:			6,686,312	6,931,772	0	0	0	0	0	0	6,931,772

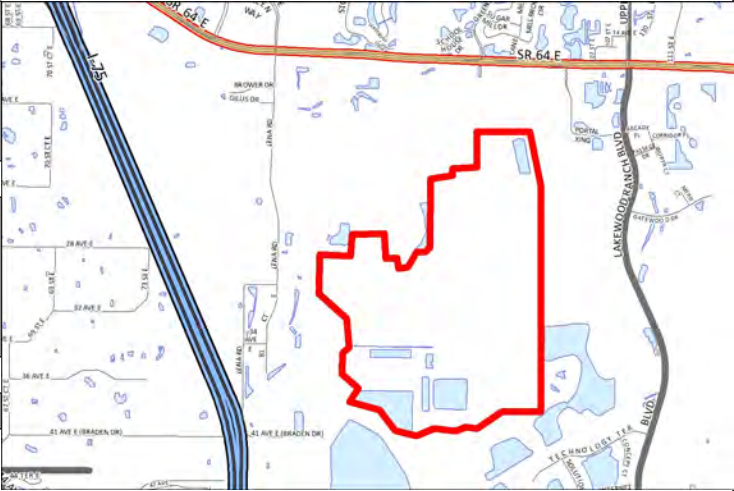
Operating Budget Impacts				
	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	6,931,772
Total Funding:	6,931,772

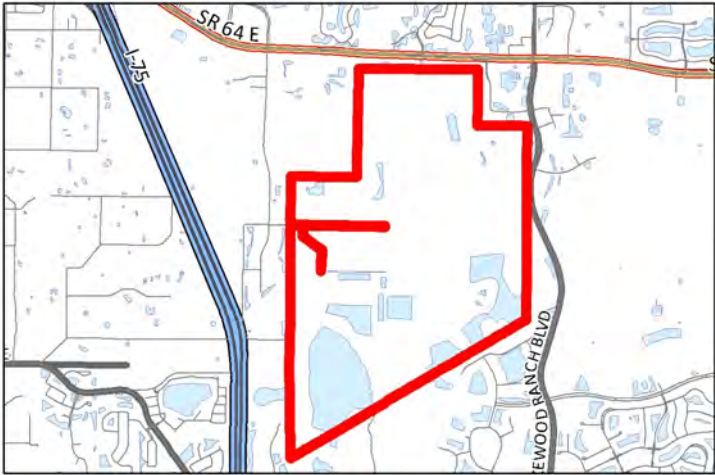
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		North Water Reclamation Facility Headworks Second Grit Removal System												
Wastewater Growth Related Booster Stations			WW01245														
Status: Requested Initial Year: 2018 District 1 Location: 8500 69th Street East, Ellenton																	
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter										
CIE Project: Yes LOS/Concurrency: No Plan Reference: Project Need: Growth																	
Scope						Project Map											
Addition of a second grit removal unit, grit pump, slurry cup, and grit snail to match existing equipment installed during the first stage of plant expansion. Provide all gates, liners, and piping needed to complete second independent system and install all electrical panels and SCADA connections to match first system.																	
												Rationale					
												Second system needed to comply with Class 1 reliability and system redundancy standards. System will facilitate repairs and maintenance of each system.					
Funding Strategy																	
Utility Rates																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	10/01/17	07/31/18	0	0	0	0	252,000	0	0	0	252,000						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	08/01/18	09/30/19	0	0	0	0	0	1,430,000	0	0	1,430,000						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0						
Totals:			0	0	0	0	252,000	1,430,000	0	0	1,682,000						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						1,682,000						
					Total Funding:						1,682,000						

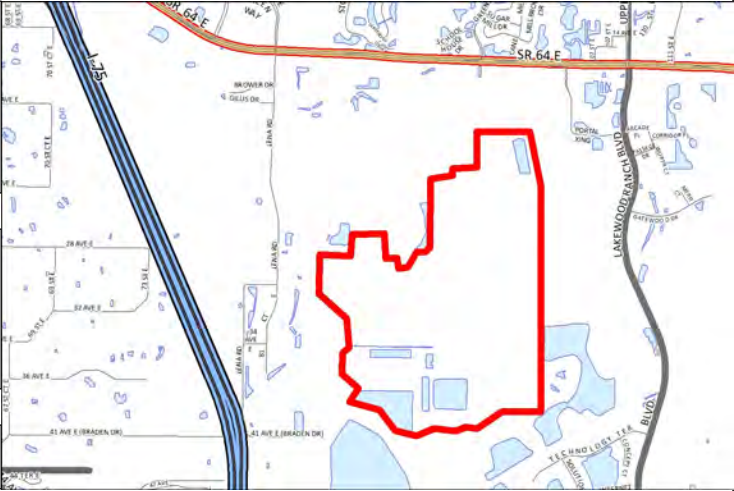
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		Southeast Water Reclamation Facility Dedicated Plant Drain Station						
Wastewater Growth Related Booster Stations			WW01248								
Status: Requested 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	06/30/18	0	0	0	0	179,000	0	0	0	179,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/18	12/31/18	0	0	0	0	0	1,033,000	0	0	1,033,000
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	0	179,000	1,033,000	0	0	1,212,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						1,212,000
					Total Funding:						1,212,000

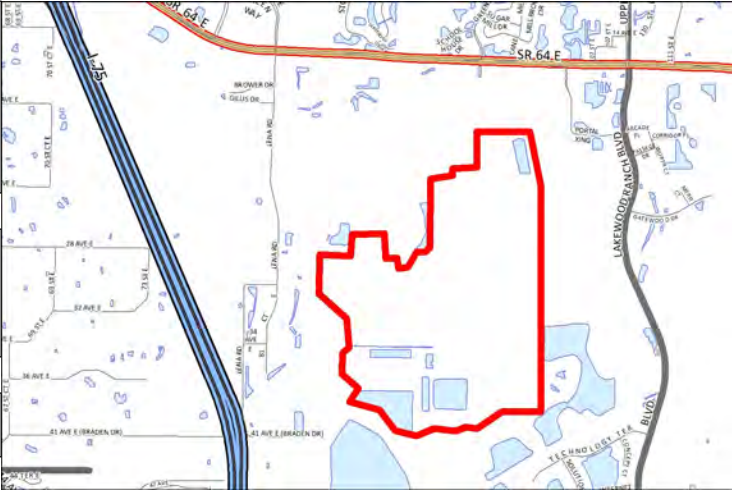
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Expansion									
Wastewater Growth Related Booster Stations	WW01115										
Status: Requested Initial Year: 2014 District 5 Location: SR 64 and Lena Road											
Comprehensive Plan Information				Project Mgr: Jeff Streitmatter							
CIE Project: Yes		LOS/Concurrency: No		Plan Reference:							
				Project Need: Growth							
Scope			Project Map								
Expansion of the Southeast Water Reclamation Facility (SEWRF) to include additional anoxic/aerobic tanks, final clarifiers, automatic backwash filters, chlorine contact chambers and belt filter presses.											
Rationale											
Population projections have indicated continued growth in the Southeast Water Reclamation Facility service area over the next several years. Expansion of the treatment facility will be necessary to accommodate the increase sewage flows due to this projected growth. Florida Department of Environmental Protection regulations require plant expansion as plant flows increase or are projected to increase to near the facility's permitted capacity.											
Funding Strategy											
Facility Investment Fees - Sewer											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	0	1,000,000	0	1,000,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	09/30/20	0	0	0	0	0	0	0	0	0
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	1,000,000	0	1,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Facility Investment Fees						1,000,000
					Total Funding:						1,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		Southeast Water Reclamation Facility Return Activated Sludge & Waste Activated Sludge System Upgrade						
Wastewater Growth Related Booster Stations			WW01249								
Status: Requested Initial Year: 2018 District 5 Location: 3331 Lena Road											
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 four waste activated sludge pumps and belt driven motors, and replace all piping and valves. Add piping interconnections with plany water system to provide the capability to flush all three return activated sludge pumps with reclaim water. Construct scum removal system to remove solid debris. Remove sludge ejectors, compressors, pneumatic controls and piping and perform all necessary electrical instrumentation and SCADA work. Rationale Original plant built in 1989, and pumps and motors installed in 2003. Replacement will ensure a reliable system for the process stream, and increase effectivity of scum removal system. Funding Strategy Debt Proceeds Facility Investment Fees - Sewer											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	0	273,000	0	0	0	273,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	09/30/19	0	0	0	0	0	1,540,000	0	0	1,540,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	273,000	1,540,000	0	0	1,813,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						1,813,000
					Total Funding:						1,813,000

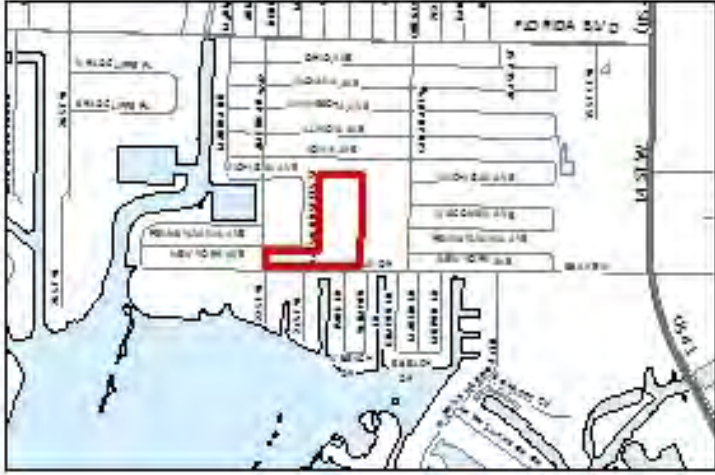
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Storage Lakes & Pump Back Station Improvements									
Wastewater Growth Related Booster Stations	WW01250										
Status: Requested Initial Year: 2017 District 5 Location: 3331 Lena Road											
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 lake to match slope of the south lake 2. Cut back berm over growth on all storage lakes. Provide erosion control at existing pump stations. Remove land separation between the two east lake sections to expand lake capacity. Install a new 15 mgd pump back station at north end of south lake 2. Install new 10 mgd east lake pump back. Convert the existing pump station at south lake 2 to a recirculation pump station. Install parallel piping as required for increase in return water capacity. 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 the 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/16/14	09/30/17	0	0	0	556,500	556,500	0	0	0	1,113,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	09/30/19	0	0	0	0	3,020,000	3,020,000	0	0	6,040,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/16/14	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	556,500	3,576,500	3,020,000	0	0	7,153,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						4,133,000
					Rates						3,020,000
					Total Funding:						7,153,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		Southwest Water Reclamation Facility Bleach Tank Roofover						
Wastewater Growth Related Booster Stations			WW01256								
Status: Requested Initial Year: 2018 District 3 Location: 5101 65th Street West											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	07/31/19	0	0	0	0	0	90,000	0	0	90,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/19	06/30/20	0	0	0	0	0	394,000	200,000	0	594,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	06/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	484,000	200,000	0	684,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						684,000
					Total Funding:						684,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	12A Motor Control Center Rehabilitation																																																																																															
Wastewater Restore/Rehab	WW01365																																																																																																
Status: Requested 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 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 																																																																																																	
<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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/19</td> <td>03/01/20</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;">0</td> <td style="text-align: right;">15,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">15,000</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>03/15/20</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;">0</td> <td style="text-align: right;">300,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">300,000</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>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;">0</td> <td style="text-align: right;">21,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">21,000</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;">0</td> <td style="text-align: right;">336,000</td> <td style="text-align: right;">0</td> <td style="text-align: right;">336,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/19	03/01/20	0	0	0	0	0	0	15,000	0	15,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	03/15/20	09/30/20	0	0	0	0	0	0	300,000	0	300,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/19	09/30/20	0	0	0	0	0	0	21,000	0	21,000	Totals:			0	0	0	0	0	0	336,000	0	336,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/19	03/01/20	0	0	0	0	0	0	15,000	0	15,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	03/15/20	09/30/20	0	0	0	0	0	0	300,000	0	300,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/19	09/30/20	0	0	0	0	0	0	21,000	0	21,000																																																																																						
Totals:			0	0	0	0	0	0	336,000	0	336,000																																																																																						
Operating Budget Impacts																																																																																																	
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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	336,000
Total Funding:	336,000

Fiscal Year 2016 - 2020 Capital Improvement Program

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MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	13A Wet Well Rehabilitation																																																																																															
Wastewater Restore/Rehab	WW01367																																																																																																
Status: Requested Initial Year: 2019 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. Project Map 																																																																																																	
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																																																																																																	
<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;">FY2016</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;">Future</th> <th style="text-align: center;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/18</td> <td>03/01/19</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;">22,500</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">22,500</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>03/15/19</td> <td>09/30/19</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;">450,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">450,000</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>09/30/19</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;">22,500</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">22,500</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;">495,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">495,000</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/18	03/01/19	0	0	0	0	0	22,500	0	0	22,500	Land:			0	0	0	0	0	0	0	0	0	Construction:	03/15/19	09/30/19	0	0	0	0	0	450,000	0	0	450,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/18	09/30/19	0	0	0	0	0	22,500	0	0	22,500	Totals:			0	0	0	0	0	495,000	0	0	495,000
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/18	03/01/19	0	0	0	0	0	22,500	0	0	22,500																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	03/15/19	09/30/19	0	0	0	0	0	450,000	0	0	450,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/18	09/30/19	0	0	0	0	0	22,500	0	0	22,500																																																																																						
Totals:			0	0	0	0	0	495,000	0	0	495,000																																																																																						
Operating Budget Impacts <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></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> </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>				FY2017	FY2018	FY2019	FY2020	Personal:					Non-Personal:					Operating Capital:					Operating Total:					No. of Positions:	0	0	0	0																																																																	
	FY2017	FY2018	FY2019	FY2020																																																																																													
Personal:																																																																																																	
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Rates	495,000																																																																																																
Total Funding:	495,000																																																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	1M Motor Control Center Rehabilitation									
Wastewater Restore/Rehab	WW01364										
Status: Requested 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											
Scope		Project Map									
Remove existing motor control center and service entrance breaker, 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											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/19	03/01/20	0	0	0	0	0	0	15,000	0	15,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/15/20	09/30/20	0	0	0	0	0	0	300,000	0	300,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	09/30/20	0	0	0	0	0	0	21,000	0	21,000
Totals:			0	0	0	0	0	0	336,000	0	336,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						336,000
					Total Funding:						336,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	27A Motor Control Center Rehabilitation									
Wastewater Restore/Rehab	WW01368										
Status: Requested 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											
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									
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	03/01/19	0	0	0	0	0	15,000	0	0	15,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/15/19	09/30/19	0	0	0	0	0	300,000	0	0	300,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/19	0	0	0	0	0	21,000	0	0	21,000
Totals:			0	0	0	0	0	336,000	0	0	336,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						336,000
					Total Funding:						336,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		39A Motor Control Center Rehabilitation						
Wastewater Restore/Rehab			WW01369								
Status: Requested 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 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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	03/01/19	0	0	0	0	0	16,000	0	0	16,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/01/19	09/30/19	0	0	0	0	0	320,000	0	0	320,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/19	0	0	0	0	0	21,000	0	0	21,000
Totals:			0	0	0	0	0	357,000	0	0	357,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						357,000
					Total Funding:						357,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 from 8th Avenue to Master Lift Station 1D		
Comprehensive Plan Information		Project Mgr: Brian Bates
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map																																																																																															
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																																																																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;">Schedule of Activities</td> <td colspan="8" style="text-align: center;">Programmed Funding</td> </tr> <tr> <th>Activity</th> <th>From</th> <th>To</th> <th>Expended to Date</th> <th>Prior Year Approp.</th> <th>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> <tr> <td>Design:</td> <td>10/01/13</td> <td>12/31/14</td> <td>31,550</td> <td>170,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>170,000</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>03/01/15</td> <td>03/31/16</td> <td>25</td> <td>1,800,000</td> <td>350,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,150,000</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>10/01/13</td> <td>03/31/16</td> <td>17,456</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>Totals:</td> <td></td> <td></td> <td>49,030</td> <td>1,970,000</td> <td>350,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2,320,000</td> </tr> </table>		Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/13	12/31/14	31,550	170,000	0	0	0	0	0	0	170,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	03/01/15	03/31/16	25	1,800,000	350,000	0	0	0	0	0	2,150,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/13	03/31/16	17,456	0	0	0	0	0	0	0	0	Totals:			49,030	1,970,000	350,000	0	0	0	0	0	2,320,000
Schedule of Activities			Programmed Funding																																																																																													
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																					
Design:	10/01/13	12/31/14	31,550	170,000	0	0	0	0	0	0	170,000																																																																																					
Land:			0	0	0	0	0	0	0	0	0																																																																																					
Construction:	03/01/15	03/31/16	25	1,800,000	350,000	0	0	0	0	0	2,150,000																																																																																					
Equipment:			0	0	0	0	0	0	0	0	0																																																																																					
Project Mgt.:	10/01/13	03/31/16	17,456	0	0	0	0	0	0	0	0																																																																																					
Totals:			49,030	1,970,000	350,000	0	0	0	0	0	2,320,000																																																																																					

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	1,970,000
Non-Personal:					Rates	350,000
Operating Capital:					Total Funding:	2,320,000
Operating Total:						
No.of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Brian Bates
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	

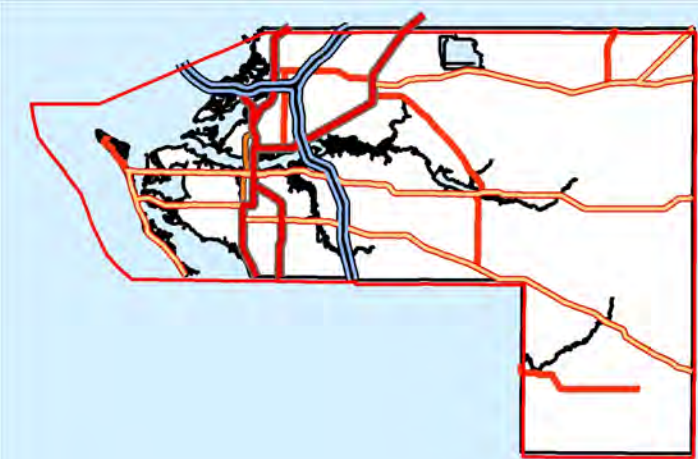
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:			0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/13	06/30/21	151,752	1,207,180	0	0	0	0	350,000	0	1,557,180
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	06/30/21	49,363	125,535	0	0	0	0	0	0	125,535
Totals:			201,114	1,332,715	0	0	0	0	350,000	0	1,682,715

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	1,332,715
Non-Personal:					Rates	350,000
Operating Capital:					Total Funding:	1,682,715
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	End of Service Life Collection Line Replacement									
Wastewater Restore/Rehab	WW01259										
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: 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	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/20	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/14	09/30/20	0	0	0	2,500,000	3,000,000	3,500,000	4,000,000	0	13,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	2,500,000	3,000,000	3,500,000	4,000,000	0	13,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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						10,000,000
					Total Funding:						13,000,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	End of Service Life Lift Stations Replacement & Generators									
Wastewater Restore/Rehab	WW01258										
Status: Requested 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.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/20	0	0	0	0	0	1,500,000	1,500,000	0	3,000,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	1,500,000	1,500,000	0	3,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 1/1C/Imperial House Replacement									
Wastewater Restore/Rehab	WW01363										
Status: Requested 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											
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											
Project Map											
Schedule of Activities	Programmed Funding										
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	35,000	0	0	0	0	35,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	09/30/18	0	0	0	0	325,000	0	0	0	325,000
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	0	0	35,000	325,000	0	0	0	360,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						360,000
					Total Funding:						360,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 11 Replacement - 52nd Street									
Wastewater Restore/Rehab	WW01358										
Status: Requested Initial Year: 2019 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 it's location on Anna Maria Island.											
Funding Strategy											
Utility Rates											
Project Map 											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	100,000	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	09/30/20	0	0	0	0	0	0	850,000	0	850,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	100,000	850,000	0	950,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources						Amount
Non-Personal:					Rates						950,000
Operating Capital:					Total Funding:						950,000
Operating Total:											
No. of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 11 Replacement - 56th Street & Holmes Road									
Wastewater Restore/Rehab	WW01359										
Status: Requested 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											
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											
Project Map											
											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	0	140,000	0	0	0	140,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	09/30/19	0	0	0	0	0	1,250,000	0	0	1,250,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	140,000	1,250,000	0	0	1,390,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources						Amount
Non-Personal:					Rates						1,390,000
Operating Capital:					Total Funding:						1,390,000
Operating Total:											
No. of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 12A Rehabilitation									
Wastewater Restore/Rehab	6028386										
Status: Existing Initial Year: 2014 District 4 Location: 2007 Bay Drive to 34th Street and 60th Avenue West											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/15	85,120	315,000	0	0	0	0	0	0	315,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	06/30/16	0	0	4,500,000	0	0	0	0	0	4,500,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/30/16	3,910	0	0	0	0	0	0	0	0
Totals:			89,030	315,000	4,500,000	0	0	0	0	0	4,815,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						315,000
					Rates						4,500,000
					Total Funding:						4,815,000

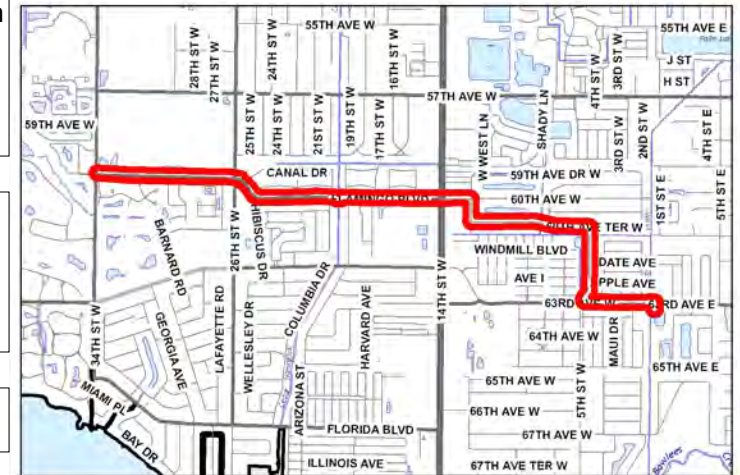
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 13A Rehabilitation
Wastewater Restore/Rehab	6049181	
Status: Existing Initial Year: 2014 District 4 Location: 112 63rd Avenue East to 34th Street and 60th Avenue West		
Comprehensive Plan Information		Project Mgr: Brian Bates
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.

Project Map



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

Debt Proceeds

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Appropriated to Date
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	
Design:	10/01/14	09/30/15	0	35,688	0	0	0	0	0	0	35,688
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	06/30/17	165,571	6,301,011	0	0	0	0	0	0	6,301,011
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/30/17	1,640	0	0	0	0	0	0	0	0
Totals:			167,210	6,336,699	0	0	0	0	0	0	6,336,699

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	6,336,699
Total Funding:	6,336,699

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		Force Main 15D						
Wastewater Restore/Rehab			6022381								
Status: Existing Initial Year: 2014 District 3 Location: 59th Street West & Manatee Avenue											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
Replacement of existing 18 inch force main, including 400 linear feet of existing pipe, and adding 800 linear feet to extend to existing manhole - removing the force main from the DOT right-of-way.											
Rationale											
Force Main 15D experienced a leak at the intersection of 59th Street and Manatee Avenue and a sinkhole appeared on 59th Street. Due to the condition and age of the pipe, repair is not feasible, replacement is necessary.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/01/14	06/30/14	66,764	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	06/30/15	456,952	590,735	0	0	0	0	0	0	590,735
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/14	06/30/15	67,017	0	0	0	0	0	0	0	0
Totals:			590,734	590,735	0	0	0	0	0	0	590,735
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
Means of Financing											
Funding Sources										Amount	
All Prior Funding										590,735	
Rates										0	
Total Funding:										590,735	

Fiscal Year 2016 - 2020 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											
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter						
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.											
Rationale											
System must be moved from an easement located on the back of the property.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/15	10,080	64,000	0	0	0	0	0	0	64,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/16	0	0	319,000	0	0	0	0	0	319,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/16	8,990	0	0	0	0	0	0	0	0
Totals:			19,070	64,000	319,000	0	0	0	0	0	383,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources					Amount	
Non-Personal:					All Prior Funding					64,000	
Operating Capital:					Rates					319,000	
Operating Total:					Total Funding:					383,000	
No.of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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				
Comprehensive Plan Information			Project Mgr: Sherri Robinson	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	07/31/15	41,683	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/15	11/30/16	44	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	11/30/16	15,119	0	0	0	0	0	0	0	0
Totals:			56,845	750,000	0	0	0	0	0	0	750,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	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 2016 - 2020 Capital Improvement Program

Wastewater	Project# 6052280	Force Main 1A Whitfield Subdivision									
Wastewater Restore/Rehab											
Status: Existing Initial Year: 2007 District 4 Location: US 41 & Pearl - Whitfield Estates along Shepherd, Pearl, Magellan & Willow Streets											
Comprehensive Plan Information		Project Mgr: Anthony Benitez									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Replacement of three force mains of approximately 2,300 linear feet of 10 inch diameter and 2,300 linear feet of 14 inch diameter cast iron pipe running parallel to US 41 in vicinity of and including Bowlees Creek crossing.											
Rationale											
Lift Station 1A is part of a force main network that has deteriorated due to age and internal corrosion. The lines are located in the Whitfield Estates subdivision along Shepherd, Pearl, Magellan and Willow Streets.											
Funding Strategy											
Debt Proceeds											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	07/01/09	03/31/12	285,832	283,139	0	0	0	0	0	0	283,139
Land:	04/01/10	09/30/11	1,200	0	0	0	0	0	0	0	0
Construction:	04/01/13	09/30/15	1,457,513	1,659,000	0	0	0	0	0	0	1,659,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/09	09/30/15	119,150	298,800	0	0	0	0	0	0	298,800
Totals:			1,863,695	2,240,939	0	0	0	0	0	0	2,240,939
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						2,240,939
					Total Funding:						2,240,939

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Brian Bates
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

<u>Schedule of Activities</u>			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	12/31/14	344,811	470,000	0	0	0	0	0	0	470,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/15	12/31/16	0	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	12/31/16	16,102	0	0	0	0	0	0	0	0
Totals:			360,913	5,820,000	0	0	0	0	0	0	5,820,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
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 2016 - 2020 Capital Improvement Program

Wastewater			Project#		Force Main 1M Rehabilitation				
Wastewater Restore/Rehab			6085780						
Status: Existing Initial Year: 2014 District 3 Location: 8720 44th Avenue West to the Southwest Water Reclamation Facility									
Comprehensive Plan Information					Project Mgr: Brian Bates				
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 2016 - 2020 Capital Improvement Program

Wastewater			Project#		Force Main 1MA Replacement						
Wastewater Restore/Rehab			6085980								
Status: Existing Initial Year: 2014 District 3 Location: 45th Avenue WEst to Cortez Road											
Comprehensive Plan Information							Project Mgr: Sherri Robinson				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
Replacement of up to 900 linear feet of 6 inch ductile iron pipe force main.											
Rationale											
This force main was installed in 1974, has corroded and blown out.											
Funding Strategy											
Utility Rates											
Project Map 											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	06/30/14	15,100	128,449	0	0	0	0	0	0	128,449
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	09/30/15	96,632	0	0	0	0	0	0	0	0
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	09/30/15	16,716	0	0	0	0	0	0	0	0
Totals:			128,448	128,449	0	0	0	0	0	0	128,449
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						128,449
					Total Funding:						128,449

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope		Project Map									
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											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	06/30/15	30,731	55,000	0	0	0	0	0	0	55,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/15	06/30/16	0	273,000	0	0	0	0	0	0	273,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/30/16	1,184	0	0	0	0	0	0	0	0
Totals:			31,915	328,000	0	0	0	0	0	0	328,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020				Means of Financing			
Personal:								Funding Sources		Amount	
Non-Personal:								All Prior Funding		328,000	
Operating Capital:								Total Funding:		328,000	
Operating Total:											
No. of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 27A Rehabilitation									
Wastewater Restore/Rehab	6023180										
Status: Existing Initial Year: 2014 District 4 Location: 24th Street West to 34th Street West along 53rd Avenue West											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
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											
Utility Rates											
Project Map											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/15	18,843	340,000	0	0	0	0	0	0	340,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	12/31/17	495	0	1,700,000	0	0	0	0	0	1,700,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	12/31/17	3,930	0	0	0	0	0	0	0	0
Totals:			23,268	340,000	1,700,000	0	0	0	0	0	2,040,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						340,000
					Rates						1,700,000
					Total Funding:						2,040,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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	Project Map
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	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/12	06/30/14	28,298	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	0	5,050,000	200,000	0	0	0	0	0	5,250,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	09/30/17	51,288	6,000	0	0	0	0	0	0	6,000
Totals:			79,586	5,150,000	200,000	0	0	0	0	0	5,350,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	5,150,000
Non-Personal:					Rates	200,000
Operating Capital:					Total Funding:	5,350,000
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 30A Replacement																																																																																															
Wastewater Restore/Rehab	WW01361																																																																																																
Status: Requested Initial Year: 2017 District 4 Location: 30th Street West																																																																																																	
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance																																																																																															
<u>Scope</u> Replace approximately 2,400 linear feet of 8" force main piping. <u>Project Map</u> 																																																																																																	
<u>Rationale</u> This force main is being scheduled for replacement due to age assessment and condition risk with respect to related maintenance issues and criticality.																																																																																																	
<u>Funding Strategy</u> Utility Rates																																																																																																	
<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 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;">FY2016</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;">Future</th> <th style="text-align: right;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/16</td> <td>09/30/17</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;">35,000</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;">35,000</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>10/01/17</td> <td>09/30/18</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;">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;">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> <td style="text-align: right;">0</td> </tr> <tr> <td>Project Mgt.:</td> <td>10/01/16</td> <td>09/30/18</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;">0</td> <td style="text-align: right;">0</td> <td style="text-align: right;">35,000</td> <td style="text-align: right;">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;">355,000</td> </tr> </tbody> </table>			<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/16	09/30/17	0	0	0	35,000	0	0	0	0	35,000	Land:			0	0	0	0	0	0	0	0	0	Construction:	10/01/17	09/30/18	0	0	0	0	320,000	0	0	0	320,000	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	0	0	35,000	320,000	0	0	0	355,000
<u>Schedule of Activities</u>			<u>Programmed Funding</u>																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/16	09/30/17	0	0	0	35,000	0	0	0	0	35,000																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	10/01/17	09/30/18	0	0	0	0	320,000	0	0	0	320,000																																																																																						
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	0	0	35,000	320,000	0	0	0	355,000																																																																																						
<u>Operating Budget Impacts</u>																																																																																																	
	FY2017	FY2018	FY2019	FY2020																																																																																													
Personal:																																																																																																	
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

<u>Means of Financing</u>	
Funding Sources	Amount
Rates	355,000
Total Funding:	355,000

Fiscal Year 2016 - 2020 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 to 26th Street W		
<u>Comprehensive Plan Information</u>		Project Mgr: Sherri Robinson
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope

Replace up to 2,750 linear feet of 14 inch ductile iron pipe.

Project Map



Rationale

This system has corroded and blown out.

Funding Strategy

Utility Rates

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/14	09/30/15	12,330	105,000	0	0	0	0	0	0	105,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/16	0	0	720,000	0	0	0	0	0	720,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/16	9,597	0	0	0	0	0	0	0	0
Totals:			21,927	105,000	720,000	0	0	0	0	0	825,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	105,000
Rates	720,000
Total Funding:	825,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 33A Replacement									
Wastewater Restore/Rehab	WW01360										
Status: Requested 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	100,000	0	0	100,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	09/30/20	0	0	0	0	0	0	900,000	0	900,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	100,000	900,000	0	1,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						1,000,000
					Total Funding:						1,000,000

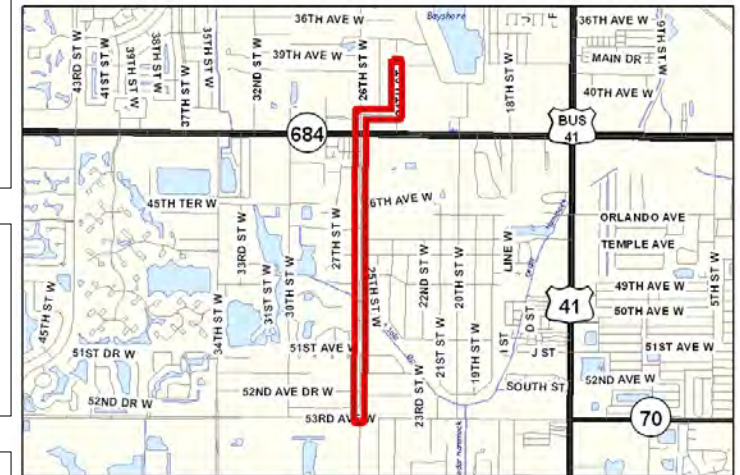
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 34A Replacement - 26th Street West from Heron
Wastewater Restore/Rehab	6081280	Way to 53rd Avenue West
Status: Existing Initial Year: 2012 District 4 Location: 26th Street West from Heron Way to 53rd Avenue West		
Comprehensive Plan Information		Project Mgr: Anthony Benitez
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope

Replacement of approximately 7,200 linear feet of 10 inch, 16 inch and 18 inch ductile iron force main with high density polyethylene (HDPE) directional drill force main and all ancillary piping, valves and connections.

Project Map



Rationale

The force main is in disrepair and requires replacement. During emergency repairs it was discovered there are no valves on the force main that tie into this area, causing problems for isolation purposes.

Funding Strategy

Debt Proceeds
Utility Rates

<u>Schedule of Activities</u>			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	07/01/11	06/30/13	64,742	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/13	09/30/15	1,952,875	2,209,895	0	0	0	0	0	0	2,209,895
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/11	09/30/15	138,246	148,522	0	0	0	0	0	0	148,522
Totals:			2,155,864	2,358,417	0	0	0	0	0	0	2,358,417

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No.of Positions:	0	0	0	0

Means of Financing

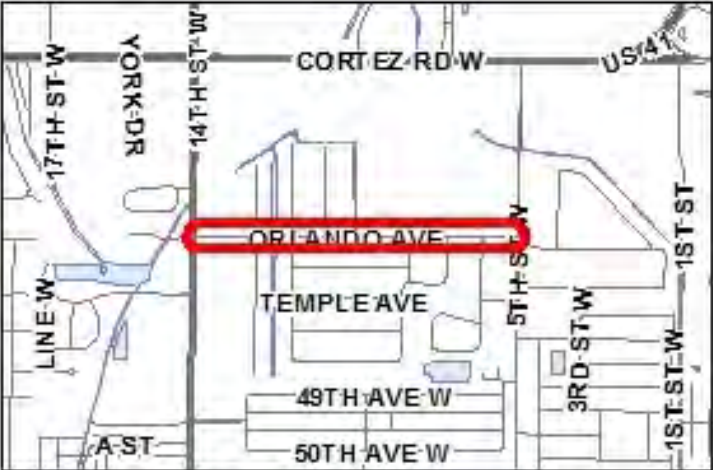
Funding Sources	Amount
All Prior Funding	2,358,417
Total Funding:	2,358,417

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main 5 Rehabilitation (Anna Maria Island)									
Wastewater Restore/Rehab	6041585										
Status: Existing Initial Year: 2014 District 3 Location: 4300 Gulf Drive to Gulf Drive & Cortez Road											
Comprehensive Plan Information			Project Mgr: Brian Bates								
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											
Debt Proceeds											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/16	41,459	42,173	0	0	0	0	0	0	42,173
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	06/30/18	0	4,961,827	0	0	0	0	0	0	4,961,827
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	06/30/18	2,161	0	0	0	0	0	0	0	0
Totals:			43,620	5,004,000	0	0	0	0	0	0	5,004,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Total Funding:						5,004,000



MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Force Main Orlando Avenue Replacement									
Wastewater Restore/Rehab	WW01362										
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: 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	60,000	0	0	0	0	60,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	09/30/18	0	0	0	0	500,000	0	0	0	500,000
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	0	0	60,000	500,000	0	0	0	560,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						560,000
					Total Funding:						560,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
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.											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	07/01/15	06/30/16	0	0	50,000	0	0	0	0	0	50,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/15	07/31/16	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	07/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	457,750	50,000	0	0	0	0	0	507,750
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						457,750
					Rates						50,000
					Total Funding:						507,750

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	MLS 12A Pumps & Variable Frequency Drive Replacement									
Wastewater Restore/Rehab	WW01226										
Status: Requested Initial Year: 2018 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 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	03/31/18	0	0	0	0	42,000	0	0	0	42,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/18	09/30/18	0	0	0	0	480,900	0	0	0	480,900
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	522,900	0	0	0	522,900
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						522,900
					Total Funding:						522,900

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter				
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.						Project Map					
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.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	08/01/15	08/01/16	35	751,000	0	0	0	0	0	0	751,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	08/01/16	4,263	0	0	0	0	0	0	0	0
Totals:			4,298	798,250	0	0	0	0	0	0	798,250
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					All Prior Funding					798,250	
					Total Funding:					798,250	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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																																																																																																											
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.																																																																																																											
												Rationale																																																																																															
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Funding Strategy																																																																																																											
Utility Rates																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;">Schedule of Activities</th> <th colspan="9" 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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/14</td> <td>06/30/15</td> <td align="right">11,516</td> <td align="right">31,500</td> <td align="right">50,000</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">81,500</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>07/01/15</td> <td>07/31/16</td> <td align="right">0</td> <td align="right">360,675</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">360,675</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>07/31/16</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>Totals:</td> <td></td> <td></td> <td align="right">11,516</td> <td align="right">392,175</td> <td align="right">50,000</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">442,175</td> </tr> </tbody> </table>												Schedule of Activities			Programmed Funding									Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/14	06/30/15	11,516	31,500	50,000	0	0	0	0	0	81,500	Land:			0	0	0	0	0	0	0	0	0	Construction:	07/01/15	07/31/16	0	360,675	0	0	0	0	0	0	360,675	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/14	07/31/16	0	0	0	0	0	0	0	0	0	Totals:			11,516	392,175	50,000	0	0	0	0	0	442,175
Schedule of Activities			Programmed Funding																																																																																																								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																																
Design:	10/01/14	06/30/15	11,516	31,500	50,000	0	0	0	0	0	81,500																																																																																																
Land:			0	0	0	0	0	0	0	0	0																																																																																																
Construction:	07/01/15	07/31/16	0	360,675	0	0	0	0	0	0	360,675																																																																																																
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Project Mgt.:	10/01/14	07/31/16	0	0	0	0	0	0	0	0	0																																																																																																
Totals:			11,516	392,175	50,000	0	0	0	0	0	442,175																																																																																																
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Personal:																																																																																																											
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Operating Capital:																																																																																																											
Operating Total:																																																																																																											
No. of Positions:	0	0	0	0																																																																																																							
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					Total Funding:						442,175																																																																																																

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	MLS 1D Wet Well Rehab & Dimminutor Replacement		
Wastewater Restore/Rehab	6060789			
Status: Requested Initial Year: 2016 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	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	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	03/31/16	0	0	47,250	0	0	0	0	0	47,250
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/16	12/31/16	0	0	841,000	0	0	0	0	0	841,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	12/31/16	0	0	0	0	0	0	0	0	0
Totals:			0	0	888,250	0	0	0	0	0	888,250

Operating Budget Impacts					Means of Financing							
	FY2017	FY2018	FY2019	FY2020								
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>Rates</td> <td style="text-align: right;">888,250</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">888,250</td> </tr> </table>		Funding Sources	Amount	Rates	888,250	Total Funding:	888,250
Funding Sources	Amount											
Rates	888,250											
Total Funding:	888,250											
Non-Personal:												
Operating Capital:												
Operating Total:												
No. of Positions:	0	0	0	0								

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: 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.																																																																																																	
Rationale																																																																																																	
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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 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;">FY2016</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;">Future</th> <th style="text-align: right;">Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/14</td> <td>06/30/15</td> <td style="text-align: right;">9,802</td> <td style="text-align: right;">36,750</td> <td style="text-align: right;">50,000</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;">86,750</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>07/01/15</td> <td>07/31/16</td> <td style="text-align: right;">0</td> <td style="text-align: right;">421,000</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;">421,000</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>10/01/14</td> <td>07/31/16</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;">9,802</td> <td style="text-align: right;">457,750</td> <td style="text-align: right;">50,000</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;">507,750</td> </tr> </tbody> </table>			Schedule of Activities			Programmed Funding								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/14	06/30/15	9,802	36,750	50,000	0	0	0	0	0	86,750	Land:			0	0	0	0	0	0	0	0	0	Construction:	07/01/15	07/31/16	0	421,000	0	0	0	0	0	0	421,000	Equipment:			0	0	0	0	0	0	0	0	0	Project Mgt.:	10/01/14	07/31/16	0	0	0	0	0	0	0	0	0	Totals:			9,802	457,750	50,000	0	0	0	0	0	507,750
Schedule of Activities			Programmed Funding																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/14	06/30/15	9,802	36,750	50,000	0	0	0	0	0	86,750																																																																																						
Land:			0	0	0	0	0	0	0	0	0																																																																																						
Construction:	07/01/15	07/31/16	0	421,000	0	0	0	0	0	0	421,000																																																																																						
Equipment:			0	0	0	0	0	0	0	0	0																																																																																						
Project Mgt.:	10/01/14	07/31/16	0	0	0	0	0	0	0	0	0																																																																																						
Totals:			9,802	457,750	50,000	0	0	0	0	0	507,750																																																																																						
Operating Budget Impacts																																																																																																	
	FY2017	FY2018	FY2019	FY2020		Means of Financing																																																																																											
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;">457,750</td> </tr> <tr> <td>Rates</td> <td style="text-align: right;">50,000</td> </tr> <tr> <td>Total Funding:</td> <td style="text-align: right;">507,750</td> </tr> </table>		Funding Sources	Amount	All Prior Funding	457,750	Rates	50,000	Total Funding:	507,750																																																																																		
Funding Sources	Amount																																																																																																
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Total Funding:	507,750																																																																																																
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS 1M Rehabilitation				
Wastewater Restore/Rehab			6060783						
Status: Existing Initial Year: 2013 District 3 Location: 8720 44th Avenue West									
Comprehensive Plan Information					Project Mgr: Sherri Robinson				
CIE Project: No LOS/Concurrency: No Plan Reference:					Project Need: Maintenance				
Scope					Project Map				
Rehabilitation of wet well and channel, including liner removal, new stop gates and a new comminuter.									

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
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. 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	06/30/15	11,864	36,750	50,000	0	0	0	0	0	86,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/15	07/31/16	0	421,000	0	0	0	0	0	0	421,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	07/31/16	0	0	0	0	0	0	0	0	0
Totals:			11,864	457,750	50,000	0	0	0	0	0	507,750
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						457,750
					Rates						50,000
					Total Funding:						507,750

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS 27A Pumps and Variable Frequency Drive Replacement												
Wastewater Restore/Rehab			WW01232														
Status: Requested Initial Year: 2018 District 4 Location: 2484 53rd Avenue West																	
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. Current equipment reaching predicted life span of 10 years - installed in 2005. Replacement equipment will provide more accurate flow rates.																	
												Rationale					
												Funding Strategy					
Utility Rates																	
Schedule of Activities			Programmed Funding														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	10/01/17	03/31/18	0	0	0	0	42,000	0	0	0	42,000						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/18	09/30/18	0	0	0	0	480,900	0	0	0	480,900						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/17	09/30/18	0	0	0	0	0	0	0	0	0						
Totals:			0	0	0	0	522,900	0	0	0	522,900						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						522,900						
					Total Funding:						522,900						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS 39A Emergency Generator Replacement						
Wastewater Restore/Rehab			WW01233								
Status: Requested Initial Year: 2017 District 4 Location: 5621 39th Street East											
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. 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	06/30/17	0	0	0	86,750	0	0	0	0	86,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/17	07/31/18	0	0	0	421,000	0	0	0	0	421,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	07/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	507,750	0	0	0	0	507,750
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						507,750
					Total Funding:						507,750

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
Comprehensive Plan Information								Project Mgr: Brian Bates			
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	03/31/16	21,664	47,250	0	0	0	0	0	0	47,250
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/16	11/30/16	0	541,000	0	0	0	0	0	0	541,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	11/30/16	673	0	0	0	0	0	0	0	0
Totals:			22,338	588,250	0	0	0	0	0	0	588,250
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
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
					Total Funding:						588,250

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS 39A Rehabilitation						
Wastewater Restore/Rehab			6017981								
Status: Existing Initial Year: 2014 District 4 Location: 5621 39th Street East, Bradenton											
Comprehensive Plan Information							Project Mgr: Sherri Robinson				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope						Project Map					
Rehabilitate and replace the communitors, pumps, and variable frequency drives.											
Rationale											
Increase efficiency and service life.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	05/01/13	08/31/14	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	09/01/14	09/30/15	375,548	420,000	0	0	0	0	0	0	420,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/13	09/30/15	9,366	0	0	0	0	0	0	0	0
Totals:			384,913	420,000	0	0	0	0	0	0	420,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						420,000
					Total Funding:						420,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS 5 Wet Well Rehabilitation									
Wastewater Restore/Rehab			6060786											
Status: Requested Initial Year: 2016 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					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, 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date			
Design:	10/01/15	03/31/16	0	0	86,750	0	0	0	0	0	86,750			
Land:			0	0	0	0	0	0	0	0	0			
Construction:	04/01/16	12/31/16	0	0	421,000	0	0	0	0	0	421,000			
Equipment:			0	0	0	0	0	0	0	0	0			
Project Mgt.:	10/01/15	12/31/16	0	0	0	0	0	0	0	0	0			
Totals:			0	0	507,750	0	0	0	0	0	507,750			
Operating Budget Impacts														
	FY2017	FY2018	FY2019	FY2020										
Personal:														
Non-Personal:														
Operating Capital:														
Operating Total:														
No.of Positions:	0	0	0	0										
					Means of Financing									
					Funding Sources						Amount			
					Rates						507,750			
					Total Funding:						507,750			

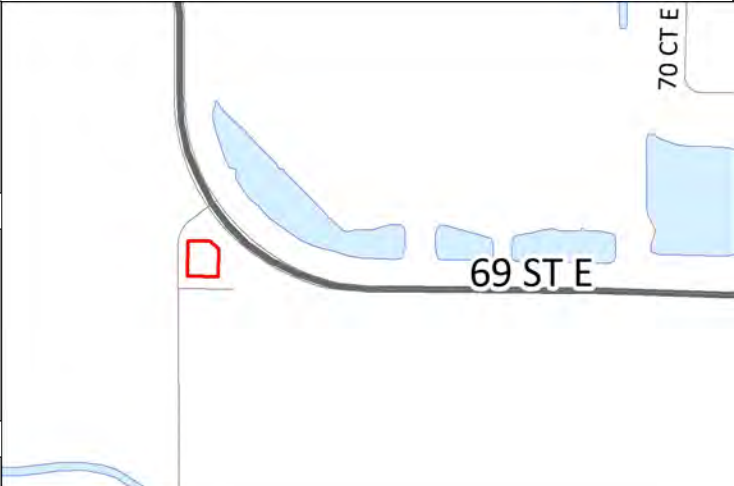
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	MLS Lakewood Ranch Emergency Generator Replacement									
Wastewater Restore/Rehab	WW01237										
Status: Requested Initial Year: 2017 District 5 Location: 11600 Clubhouse Drive, Lakewood Ranch											
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.											
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											
Debt Proceeds											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	06/30/17	0	0	0	86,750	0	0	0	0	86,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/17	07/31/18	0	0	0	421,000	0	0	0	0	421,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	07/31/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	507,750	0	0	0	0	507,750
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					Debt Proceeds					507,750	
					Total Funding:					507,750	

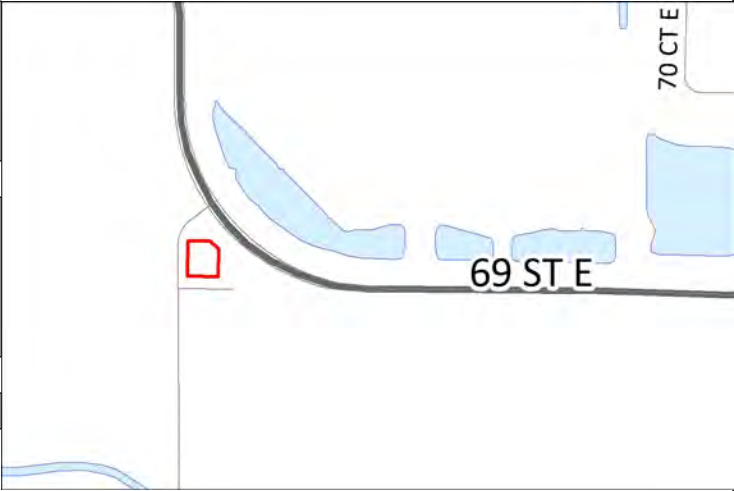
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	MLS Lakewood Ranch Wet Well Rehabilitation									
Wastewater Restore/Rehab	WW01238										
Status: Requested Initial Year: 2017 District 5 Location: 11600 Clubhouse Drive											
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter									
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance									
Scope		Project Map									
Remove existing fiberglass liner, repair concrete structure, apply new liner, repair/replace 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											
Debt Proceeds											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	03/31/17	0	0	0	36,750	0	0	0	0	36,750
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/17	09/30/17	0	0	0	421,000	0	0	0	0	421,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/16	09/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	457,750	0	0	0	0	457,750
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources						Amount
Non-Personal:					Debt Proceeds						457,750
Operating Capital:					Total Funding:						457,750
Operating Total:											
No.of Positions:	0	0	0	0							

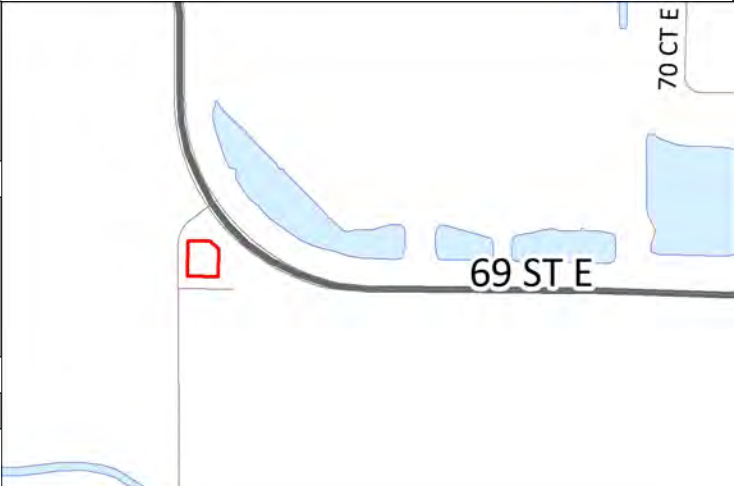
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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: Jeff Streitmatter				
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 reduce pump cleaning. Funding Strategy Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	12/31/14	0	18,375	0	0	0	0	0	0	18,375
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/15	09/30/16	0	211,000	300,000	0	0	0	0	0	511,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	09/30/16	642	0	0	0	0	0	0	0	0
Totals:			642	229,375	300,000	0	0	0	0	0	529,375
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						229,375
					Rates						300,000
					Total Funding:						529,375

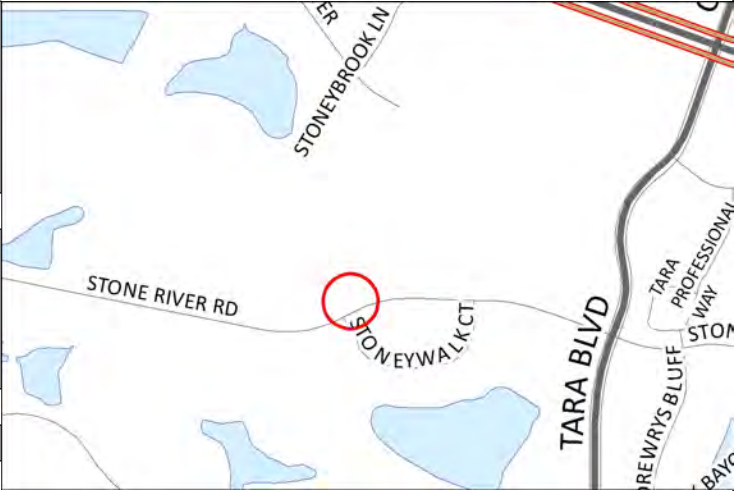
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS N1-B Emergency Generator Replacement												
Wastewater Restore/Rehab			6060787														
Status: Requested Initial Year: 2016 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 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	10/01/15	06/30/16	0	0	86,750	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	0	421,000	0	0	0	0	0	421,000						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/15	07/31/17	0	0	0	0	0	0	0	0	0						
Totals:			0	0	507,750	0	0	0	0	0	507,750						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No. of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						507,750						
					Total Funding:						507,750						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	MLS N1-B Pumps & Variable Frequency Drive Replacement									
Wastewater Restore/Rehab	WW01241										
Status: Requested Initial Year: 2018 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.											
Rationale											
Current equipment reaching predicted life span of 10 years - installed in 2004. 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	03/31/18	0	0	0	0	42,000	0	0	0	42,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/18	09/30/18	0	0	0	0	480,900	0	0	0	480,900
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	522,900	0	0	0	522,900
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						522,900
					Total Funding:						522,900

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS Tara 20 Wet Well Rehabilitation												
Wastewater Restore/Rehab			6060788														
Status: Requested Initial Year: 2016 District 5 Location: 7211 Stone River Road, Bradenton																	
Comprehensive Plan Information							Project Mgr: Jeff Streitmatter										
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, 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	10/01/15	03/31/16	0	0	31,500	0	0	0	0	0	31,500						
Land:			0	0	0	0	0	0	0	0	0						
Construction:	04/01/16	12/31/16	0	0	360,675	0	0	0	0	0	360,675						
Equipment:			0	0	0	0	0	0	0	0	0						
Project Mgt.:	10/01/15	12/31/16	0	0	0	0	0	0	0	0	0						
Totals:			0	0	392,175	0	0	0	0	0	392,175						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
Personal:																	
Non-Personal:																	
Operating Capital:																	
Operating Total:																	
No.of Positions:	0	0	0	0													
					Means of Financing												
					Funding Sources						Amount						
					Rates						392,175						
					Total Funding:						392,175						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	MLS Tideview 4 Emergency Generator Replacement		
Wastewater Restore/Rehab	6060785			
Status: Requested Initial Year: 2016 District 1 Location: 1355 41st Avenue East, Palmetto				
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.	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	06/30/16	0	0	86,750	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	0	421,000	0	0	0	0	0	421,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	07/31/17	0	0	0	0	0	0	0	0	0
Totals:			0	0	507,750	0	0	0	0	0	507,750

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0	Rates	507,750
					Total Funding:	507,750

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		MLS Tideview 4 Rehabilitation						
Wastewater Restore/Rehab			6060784								
Status: Existing Initial Year: 2014 District 1 Location: 1355 41st Avenue East, Palmetto											
Comprehensive Plan Information							Project Mgr: Sherri Robinson				
CIE Project: No LOS/Concurrency: No Plan Reference:											
Project Need: Maintenance											
Scope											
Rehab and replace the comminutor, pumps, variable frequency drive, doors and frames.											
Rationale											
Increase efficiency and service life.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	05/01/13	05/31/14	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	09/30/15	609,695	655,428	0	0	0	0	0	0	655,428
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	05/01/13	09/30/15	45,733	0	0	0	0	0	0	0	0
Totals:			655,428	655,428	0	0	0	0	0	0	655,428
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						655,428
					Total Funding:						655,428

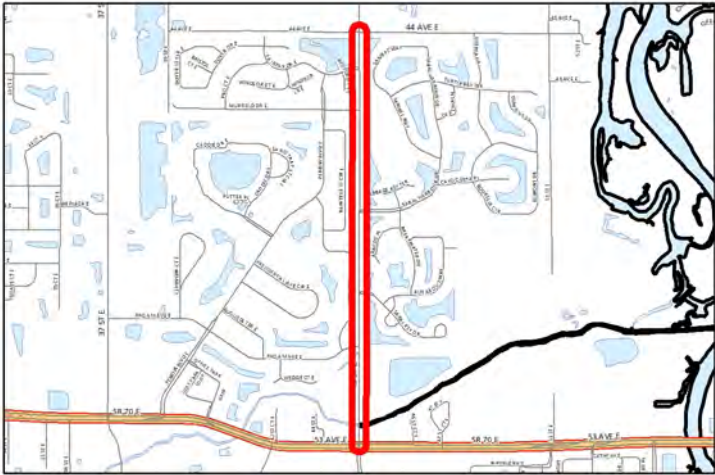
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Trailer Estates Sewer Rehabilitation Phase III									
Wastewater Restore/Rehab	6018081										
Status: Existing Initial Year: 2012 District 4 Location: American Way to the Marina and Florida Bay to Bay Drive and All Streets In Between											
Comprehensive Plan Information		Project Mgr: Brian Bates									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Repair and replacement of problem areas and deficiencies. Encompasses American Way to Marina Drive and Florida Bay to Bay Drive and all streets in between.											
Rationale											
Sink holes, line breaks and blockages have been occurring throughout the area. These deficiencies are being corrected as they occur but there is a concern the problems will continue throughout the area.											
Funding Strategy											
Utility Rates											
Project Map											
Schedule of Activities											
			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	01/01/12	12/31/13	0	31,547	0	0	0	0	0	0	31,547
Land:			0	0	0	0	0	0	0	0	0
Construction:	01/01/14	09/30/15	328,428	325,000	0	0	0	0	0	0	325,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/12	09/30/15	34,118	6,000	0	0	0	0	0	0	6,000
Totals:			362,546	362,547	0	0	0	0	0	0	362,547
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						362,547
					Total Funding:						362,547

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	15th Street East - 301 Boulevard - US 41 - 53rd Avenue East - Sewer									
Wastewater Transportation Related	6029980										
Status: Existing Initial Year: 2001 District 4 Location: 15th Street East at 301 Boulevard from US 41 to 53rd Avenue East											
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter								
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth									
Scope											
Improve sewer line location.											
Rationale											
Relocate and upgrade 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	03/21/10	03/31/13	3,428	3,428	0	0	0	0	0	0	3,428
Land:	05/17/04	12/31/12	0	0	0	0	0	0	0	0	0
Construction:	04/01/12	09/30/15	5,137	40,247	0	0	0	0	0	0	40,247
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/22/10	09/30/15	391	391	0	0	0	0	0	0	391
Totals:			8,956	44,066	0	0	0	0	0	0	44,066
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						44,066
					Total Funding:						44,066

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 Street East - 44th Avenue East - SR 70											
Comprehensive Plan Information							Project Mgr: Kent Bontrager				
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											
Facility Investment Fees - Sewer											
Project Map											
											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	08/31/14	24,949	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	260,000	0	0	0	0	0	0	260,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	06/30/18	1,073	0	0	0	0	0	0	0	0
Totals:			26,845	410,000	0	0	0	0	0	0	410,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						410,000
					Total Funding:						410,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		53rd Avenue West (43rd Street West - 75th Street West)												
Wastewater Transportation Related			6082990		Reclaimed Water												
Status: Existing Initial Year: 2014 District 3 Location: 53rd Ave W (43rd St W - 75th St W)																	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date						
Design:	01/01/12	06/30/14	0	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	09/30/16	0	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	09/30/16	0	0	0	0	0	0	0	0	0						
Totals:			0	700,000	0	0	0	0	0	0	700,000						
Operating Budget Impacts																	
	FY2017	FY2018	FY2019	FY2020													
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 2016 - 2020 Capital Improvement Program

Wastewater			Project#		9th Street East - 53rd Avenue East - 57th Avenue East - Sewer						
Wastewater Transportation Related			6040480								
Status: Existing Initial Year: 2003 District 4 Location: 9th Street East-53rd Avenue East-57th Avenue East											
Comprehensive Plan Information					Project Mgr: Jeff Streitmatter						
CIE Project: Yes LOS/Concurrency: No Plan Reference:					Project Need: Growth						
Scope					Project Map						
Relocation of wastewater lines.											
Rationale											
Relocation is necessary as part of a roadway widening project.											
Funding Strategy											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	15,300	150,000	0	0	0	0	0	0	150,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/04	09/30/15	1,001	10,000	0	0	0	0	0	0	10,000
Totals:			16,301	160,000	0	0	0	0	0	0	160,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						160,000
					Total Funding:						160,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Jeff Streitmatter									
CIE Project: No 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	03/15/15	09/30/15	15,765	200,000	0	0	0	0	0	0	200,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/15	09/30/16	0	0	1,750,000	0	0	0	0	0	1,750,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	03/15/15	09/30/16	0	0	0	0	0	0	0	0	0
Totals:			15,765	200,000	1,750,000	0	0	0	0	0	1,950,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						
					Amount						
					All Prior Funding						
					200,000						
					Facility Investment Fees						
					1,750,000						
					Total Funding:						
					1,950,000						

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Transportation Related - Wastewater																																																															
Wastewater Transportation Related	WW01372																																																																
Status: Requested 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 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																																																																	
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;">FY2016</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;">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;">10/01/19 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;">1,000,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,000,000</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;">10/01/19 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;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Totals:</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;">1,000,000</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1,000,000</td> </tr> </tbody> </table>	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:		0	0	0	0	0	0	0	Land:		0	0	0	0	0	0	0	Construction:	10/01/19 12/31/20	0	0	0	0	1,000,000	0	1,000,000	Equipment:		0	0	0	0	0	0	0	Project Mgt.:	10/01/19 12/31/20	0	0	0	0	0	0	0	Totals:		0	0	0	0	1,000,000	0	1,000,000
Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																									
Design:		0	0	0	0	0	0	0																																																									
Land:		0	0	0	0	0	0	0																																																									
Construction:	10/01/19 12/31/20	0	0	0	0	1,000,000	0	1,000,000																																																									
Equipment:		0	0	0	0	0	0	0																																																									
Project Mgt.:	10/01/19 12/31/20	0	0	0	0	0	0	0																																																									
Totals:		0	0	0	0	1,000,000	0	1,000,000																																																									
Operating Budget Impacts																																																																	
	FY2017	FY2018	FY2019	FY2020	Means of Financing																																																												
Personal:					Funding Sources																																																												
Non-Personal:					Amount																																																												
Operating Capital:					Rates																																																												
Operating Total:					Total Funding:																																																												
No. of Positions:	0	0	0	0																																																													

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	US 301 at Fort Hamer Road Intersection - Sewer
Wastewater Transportation Related	6061980	
Status: Existing Initial Year: 2010 District 1 Location: US 301 at Ft. Hamer Intersection		
Comprehensive Plan Information		Project Mgr: Kent Bontrager
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Maintenance

Scope	Project Map
Utilities as part of construction of intersection improvements to include realignment, signalization, and turn lanes in all directions to provide an expanded intersection to accommodate increased capacity. The project includes the relocation of the sewer along this route.	
Rationale	
To 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	
Debt Proceeds Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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:	04/01/13	09/30/15	135,917	160,000	0	0	0	0	0	0	160,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	01/01/10	09/30/15	7,351	0	0	0	0	0	0	0	0
Totals:			143,268	160,000	0	0	0	0	0	0	160,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	160,000
Non-Personal:					Total Funding:	160,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
Comprehensive Plan Information							Project Mgr: Anthony Benitez				
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope						Project Map					
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											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	12/31/15	7,364	25,000	0	0	0	0	0	0	25,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/10	12/31/15	348	0	0	0	0	0	0	0	0
Totals:			7,712	34,975	0	0	0	0	0	0	34,975
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						34,975
					Total Funding:						34,975

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Deep Injection Well Booster Station		
Wastewater Treatment	WW01222			
Status: Requested Initial Year: 2017 District 3 Location: 11900 Cortez Road West				
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 at the Deep Injection Well (DIW). Booster station shall be dedicated to the DIW in close proximity to the well head. Appurtenances including flow metering, pressure monitoring, and telemetry for SCADA control are included.	
Rationale	
Booster station will provide less disruption to customers, more reliable reclaimed water disposal, and save energy.	
Funding Strategy	
Debt Proceeds	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/16	09/30/17	0	0	0	662,000	0	0	0	0	662,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/17	09/30/18	0	0	0	0	3,600,000	0	0	0	3,600,000
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	0	0	662,000	3,600,000	0	0	0	4,262,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					Debt Proceeds	4,262,000
Non-Personal:					Total Funding:	4,262,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

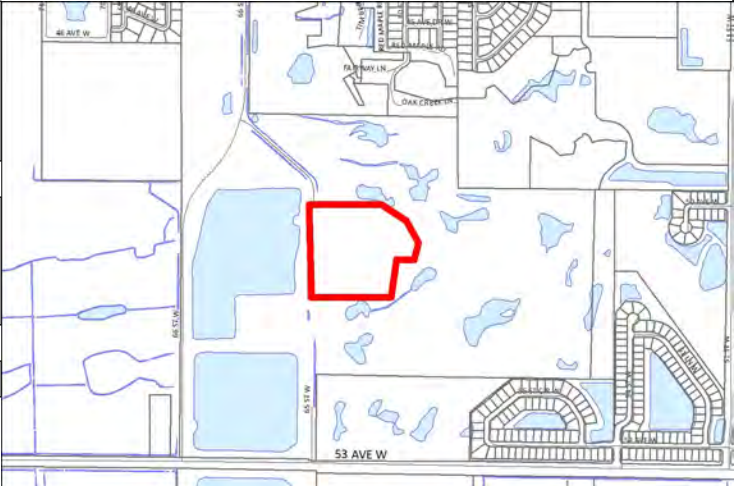
Wastewater	Project#	Manatee Agricultural Reclaimed System Booster Pump Station		
Wastewater Treatment	WW00968			
Status: Requested Initial Year: 2020 Countywide Location: Countywide				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: No	Plan Reference: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

Scope	Project Map
Construction of pump improvements at each of the county's three reclaimed water transfer pump stations: Rye Road, 63rd Avenue, and Spencer Parrish Booster Pump stations, including additional pumps or upsizing existing pumps to maintain adequate pressure throughout the system.	
Rationale	
To date most of the development has been in the northern portion of the county creating a need to be able to transfer water from the three water reclamation facilities to help meet these demands. In addition, with the installation of a second deep injection well in the north, it will be beneficial to manage the reclaimed water and move it through the county for either disposal or wet weather demands as needed. This transfer of reclaimed water between the county's three wastewater service areas is an integral part of the Reused Water Management Plan. This will allow the system to maximize distribution of the resource, minimize storage and flows to the injection well, and provide for future system expansion.	
Funding Strategy	
Debt Proceeds	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/19	09/30/20	0	0	0	0	0	0	856,000	0	856,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/21	03/31/22	0	0	0	0	0	0	0	4,280,000	4,280,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	03/31/22	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	856,000	4,280,000	5,136,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:						
Non-Personal:						
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0	Rates	5,136,000
					Total Funding:	5,136,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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											
Comprehensive Plan Information			Project Mgr: Brian Bates								
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	04/30/15	51,156	84,000	0	0	0	0	0	0	84,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/15	05/31/16	25	0	681,000	0	0	0	0	0	681,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	05/31/16	1,317	0	0	0	0	0	0	0	0
Totals:			52,498	84,000	681,000	0	0	0	0	0	765,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources		Amount				
					All Prior Funding		84,000				
					Rates		681,000				
					Total Funding:		765,000				

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Manatee Agricultural Reclaimed System Reclaim Participation									
Wastewater Treatment	WW01373										
Status: Requested 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		Project Map									
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											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	12/31/20	0	0	0	0	0	0	100,000	0	100,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/19	12/31/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	0	100,000	0	100,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						100,000
					Total Funding:						100,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 East to US301				
Comprehensive Plan Information			Project Mgr: Mike Sturm	
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth		

Scope	Project Map
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	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	09/30/15	0	311,000	0	0	0	0	0	0	311,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/18	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	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	311,000	0	1,730,000	0	0	0	0	2,041,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	311,000
Non-Personal:					Facility Investment Fees	1,730,000
Operating Capital:					Total Funding:	2,041,000
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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: Brian Bates																																																																																															
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance																																																																																																	
<u>Scope</u> 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. <u>Rationale</u> 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. <u>Funding Strategy</u> Utility Rates 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>FY2016</th> <th>FY2017</th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>Future</th> <th>Appropriated to Date</th> </tr> </thead> <tbody> <tr> <td>Design:</td> <td>10/01/13</td> <td>03/31/15</td> <td style="text-align: right;">375,337</td> <td style="text-align: right;">407,500</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;">407,500</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>04/01/15</td> <td>03/31/17</td> <td style="text-align: right;">350</td> <td style="text-align: right;">3,362,500</td> <td style="text-align: right;">1,120,000</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;">4,482,500</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>10/01/13</td> <td>03/31/17</td> <td style="text-align: right;">18,900</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;">394,587</td> <td style="text-align: right;">3,770,000</td> <td style="text-align: right;">1,120,000</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;">4,890,000</td> </tr> </tbody> </table>			<u>Schedule of Activities</u>			<u>Programmed Funding</u>								Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date	Design:	10/01/13	03/31/15	375,337	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	350	3,362,500	1,120,000	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	18,900	0	0	0	0	0	0	0	0	Totals:			394,587	3,770,000	1,120,000	0	0	0	0	0	4,890,000
<u>Schedule of Activities</u>			<u>Programmed Funding</u>																																																																																														
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date																																																																																						
Design:	10/01/13	03/31/15	375,337	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	350	3,362,500	1,120,000	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	18,900	0	0	0	0	0	0	0	0																																																																																						
Totals:			394,587	3,770,000	1,120,000	0	0	0	0	0	4,890,000																																																																																						
<u>Operating Budget Impacts</u>																																																																																																	
	FY2017	FY2018	FY2019	FY2020																																																																																													
Personal:																																																																																																	
Non-Personal:																																																																																																	
Operating Capital:																																																																																																	
Operating Total:																																																																																																	
No. of Positions:	0	0	0	0																																																																																													

<u>Means of Financing</u>	
Funding Sources	Amount
All Prior Funding	3,770,000
Rates	1,120,000
Total Funding:	4,890,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

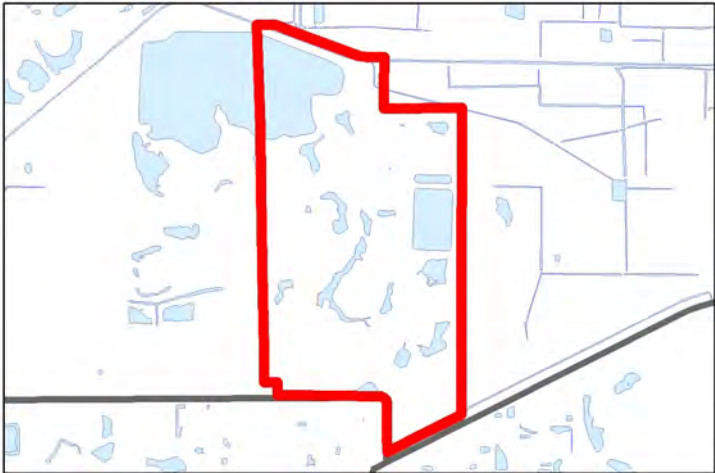
Wastewater	Project#	North Water Reclamation Facility 4th Belt Filter Press & BFP Automation									
Wastewater Treatment	WW01244										
Status: Requested Initial Year: 2018 District 1 Location: 8500 69th Street East, Palmetto											
Comprehensive Plan Information				Project Mgr: Jeff Streitmatter							
CIE Project: Yes		LOS/Concurrency: No		Plan Reference:							
				Project Need: Growth							
Scope			Project Map								
Add fourth belt filter press (BFP) and required catwalk, and two additional polymer and sludge feed pumps, and one polymer mixing tank. Modify existing conveyor to accomodate new operation. Rehabilitate existing BFP's so system can operate in automatic mode. Install controls, sensors, and cameras to monitor the BFP process from the control room in the Administration Building.											
Rationale											
Sludge production is increasing at the North Plant. This addition will compelte system redundancy to facilitate proper preventative maintenance concerns and shorten down time. Additionally, sludge trailer loading times will be shorter.											
Funding Strategy											
Facility Investment Fees - Sewer Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	0	0	250,000	0	0	250,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	0	0	1,750,000	0	1,750,000
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	0	0	250,000	1,750,000	0	2,000,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Facility Investment Fees						1,000,000
					Rates						1,000,000
					Total Funding:						2,000,000

Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater			Project#		North Water Reclamation Facility Class V Recharge Wells						
Wastewater Treatment			6079480								
Status: Existing Initial Year: 2010 District 1 Location: Buffalo Creek Golf Course and Erie Road											
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 Industrial Injection Well, two Class V Recharge Wells, associated monitor wells, and piping, valves, valve automation, Supervisory Control and Data Acquisition (SCADA) connections, and requested appurtenances.											
Rationale											
FDEP requires the county to have wet weather disposal volumes available for the disposal of effluent that are greater than or equal to the combined plant permitted volumes. Currently, the county is permitted for approximately 42 million gallons per day and the current wet weather disposal is approximately 13.5 million gallons per day; necessitating a reclaimed water recharge well system.											
Funding Strategy											
Debt Proceeds Utility Rates Facility Investment Fees - Sewer											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/01/10	03/31/14	1,025,950	1,042,719	0	0	0	0	0	0	1,042,719
Land:	04/01/13	03/31/14	0	0	0	0	0	0	0	0	0
Construction:	04/01/14	09/30/15	278	7,625,000	0	0	0	0	0	0	7,625,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/10	09/30/15	64,544	330,000	0	0	0	0	0	0	330,000
Totals:			1,090,771	8,997,719	0	0	0	0	0	0	8,997,719
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources						Amount
Non-Personal:	374,280	374,280	374,280	0	All Prior Funding						8,997,719
Operating Capital:					Total Funding:						8,997,719
Operating Total:	374,280	374,280	374,280	0							
No.of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

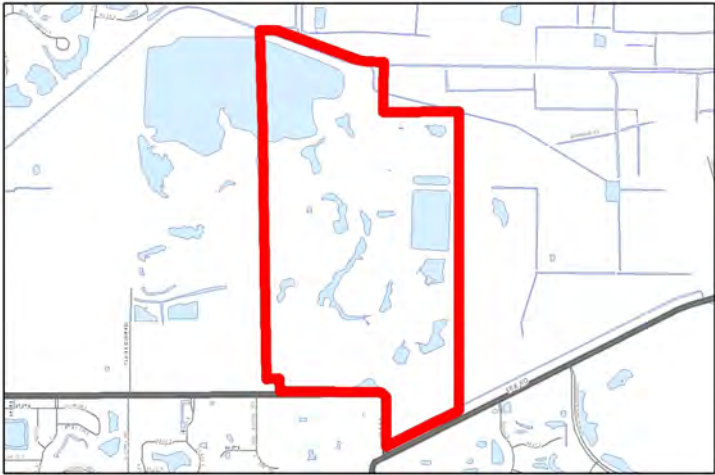
Wastewater	Project#	North Water Reclamation Facility Equalization Tank
Wastewater Treatment	6088490	
Status: Existing Initial Year: 2014 District 1 Location: Buffalo Creek Golf Course & Erie Road		
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter
CIE Project: No LOS/Concurrency: No Plan 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	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	09/30/16	0	0	404,000	0	0	0	0	0	404,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/18	0	780,000	0	3,602,940	1,856,060	0	0	0	6,239,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	780,000	404,000	3,602,940	1,856,060	0	0	0	6,643,000

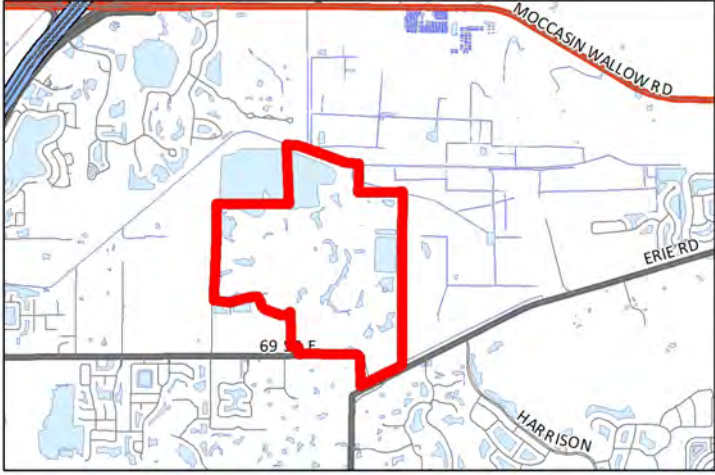
Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	780,000
Non-Personal:					Debt Proceeds	3,900,000
Operating Capital:					Rates	1,963,000
Operating Total:					Total Funding:	6,643,000
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Fiber Optics									
Wastewater Treatment	6084900										
Status: Existing Initial Year: 2013 District 1 Location: 69th Street East & North Water Reclamation Facility Access Road											
Comprehensive Plan Information		Project Mgr: Kent Bontrager									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Other Need											
Scope											
Install fiber optics from the Buffalo Creek water tower to the North Water Reclamation Facility (NWRf) administration building. Fiber optic capacity shall be capable of supporting the Laboratory Information Management System (LIMS) for the NWRf and deliver lift station telemetry to the lift station building over the county network. The fiber optic system shall include handholes, and locate system and building terminations typical of the county network. The conduit shall be routed through county right of way along 69th Street East and NWRf access road.											
Rationale											
The current network connection at the NWRf is inadequate, incapable of supporting LIMS and lift station telemetry. Installing fiber optics will support LIMS and the lift station telemetry and will eliminate the cost of the current network connection.											
Funding Strategy											
Utility Rates											
Project Map											
											
Schedule of Activities											
Programmed Funding											
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/13	09/30/14	21,243	40,000	0	0	0	0	0	0	40,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	09/30/15	10,295	10,112	0	0	0	0	0	0	10,112
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	09/30/15	18,573	0	0	0	0	0	0	0	0
Totals:			50,112	50,112	0	0	0	0	0	0	50,112
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					All Prior Funding						50,112
					Total Funding:						50,112

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Recharge Wells Pump Station	
Wastewater Treatment	6087390		
Status: Existing Initial Year: 2014 District 1 Location: Buffalo Creek Golf Course & Erie Road			
Comprehensive Plan Information		Project Mgr: Jeff Streitmatter	
CIE Project: No LOS/Concurrency: No Plan Reference:		Project Need: Other Need	

Scope	Project Map
Construction of a booster pump station for recharge wells being constructed in the North Wastewater Service area, interconnecting pipelines and necessary piping, valves, valve automation, Supervisory Control and Data Acquisition (SCADA) connections, and required appurtenances.	
Rationale	
The booster pump station will allow Utilities staff to maintain maximum flow to the recharge wells while servicing other users along the expanded reclaimed water transmission line.	
Funding Strategy	
Debt Proceeds Facility Investment Fees - Sewer	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	07/01/15	03/31/16	0	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/16	04/30/17	0	4,200,000	400,000	0	0	0	0	0	4,600,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/14	04/30/17	0	0	0	0	0	0	0	0	0
Totals:			0	4,200,000	400,000	0	0	0	0	0	4,600,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	4,200,000
Non-Personal:					Facility Investment Fees	400,000
Operating Capital:					Total Funding:	4,600,000
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Reclaimed Water		
Wastewater Treatment	6087590	Transmission Line		
Status: Existing Initial Year: 2014 District 1 Location: Buffalo Creek Golf Course & Erie Road				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: Yes LOS/Concurrency: No Plan Reference:		Project Need: Growth		

Scope	Project Map
Construct reclaimed water transmission main from the existing infrastructure near the North Water Reclamation Facility (NWRf) to the Port of Manatee. Construction includes necessary piping, valves, valve automation, Supervisory Control and Data Acquisition (SCADA) connections, and required appurtenances to transfer reclaimed water to the recharge wells located in the Port of Manatee.	
Rationale	
Utilities water reclamation facilities are permitted as zero discharge, any release of reclaim water from storage facilities is considered unauthorized by the state regulatory agency, Florida Department of Environmental Protection. During periods of wet weather, when supply of reclaim is at its highest and demand at its lowest, storage capacity is insufficient and unauthorized discharges can occur. Having a disposal option for the reclaim system ensures no violation of operating permits.	
Funding Strategy	
Debt Proceeds Facility Investment Fees - Sewer	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/15	09/30/16	0	750,000	0	0	0	0	0	0	750,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/16	09/30/18	0	4,887,500	2,068,750	2,068,750	0	0	0	0	9,025,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/15	09/30/18	0	0	0	0	0	0	0	0	0
Totals:			0	5,637,500	2,068,750	2,068,750	0	0	0	0	9,775,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	5,637,500
Non-Personal:					Facility Investment Fees	4,137,500
Operating Capital:					Total Funding:	9,775,000
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility Secondary Clarifier 1 & 2									
Wastewater Treatment	WW01246	Refurbishment									
Status: Requested 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									
Reseal and grout clarifiers and replace drive units and rakes. Structure repair to launders and replace "V" notch weirs. Replace inlet gates and control mechanisms, suction tubes, and upgrade pumps, VFD's, and ducking skimmers. Replace existing scum eject systems with peristaltic pump systems and install system to intercept scum from secondary clarifiers. System will operate automatically and be programmed in to the SCADA. Rationale Clarifiers have been in service since 1987 and internal parts are failing, and replacement parts are no longer available. Refurbishment will reduce cleaning episodes. Funding Strategy Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	0	336,000	0	0	0	336,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	12/31/19	0	0	0	0	0	1,861,000	0	0	1,861,000
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	0	336,000	1,861,000	0	0	2,197,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						2,197,000
					Total Funding:						2,197,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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				
Comprehensive Plan Information			Project Mgr: Brian Bates	
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	09/30/13	337,762	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	03/31/16	1,315,916	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	03/31/16	95,909	0	0	0	0	0	0	0	0
Totals:			1,749,586	4,595,000	0	0	0	0	0	0	4,595,000

Operating Budget Impacts				
	FY2017	FY2018	FY2019	FY2020
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 2016 - 2020 Capital Improvement Program

Wastewater	Project#	North Water Reclamation Facility South Chlorine Contact Chamber Refurbishment									
Wastewater Treatment	WW01247										
Status: Requested 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 gates and install isolation valve on 36 inch line. Upsize the reclaim wet well pumps and motors and control panels to include SCADA connections and alarms.											
Rationale											
Existing equipment too small to maintain supply to MARS system demand in the North service area. Refurbishment of chamber allows for proper functionality, including reject events.											
Funding Strategy											
Utility Rates											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	07/31/18	0	0	0	0	82,000	0	0	0	82,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/18	06/01/19	0	0	0	0	0	469,000	0	0	469,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	06/01/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	82,000	469,000	0	0	551,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						551,000
					Total Funding:						551,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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

Comprehensive Plan Information

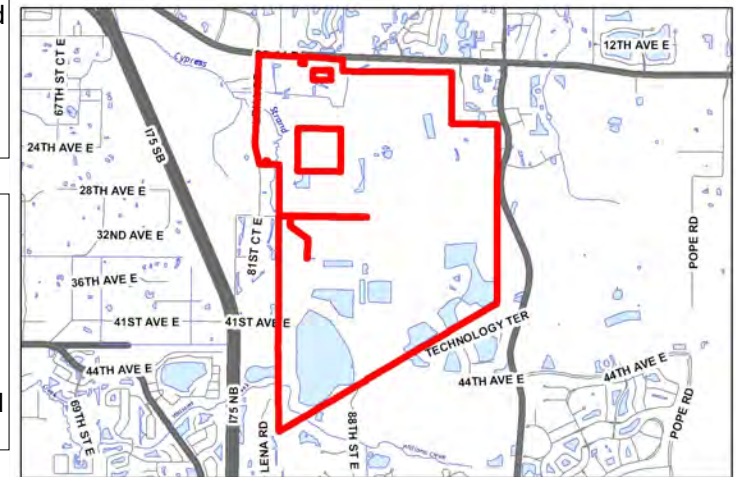
Project Mgr: **Anthony Benitez**

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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future
Activity	From	To								
Design:	10/01/13	02/01/14	25,623	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0
Construction:	03/01/14	12/31/15	3,459,244	9,866,747	0	0	0	0	0	9,866,747
Equipment:			0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	12/31/15	96,350	32,000	0	0	0	0	0	32,000
Totals:			3,581,218	9,898,747	0	0	0	0	0	9,898,747

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing	
Funding Sources	Amount
All Prior Funding	9,898,747
Total Funding:	9,898,747

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Dedicated Reject Line		
Wastewater Treatment	6083680			
Status: Existing Initial Year: 2013 District 5 Location: SR 64 & Lena Road				
Comprehensive Plan Information			Project Mgr: Kent Bontrager	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Construction of a dedicated reject line for the Southeast Water Reclamation Facility to include approximately 1,500 linear of 24 inch piping, associated valves, electrical, and Supervisory Control and Data Acquisition (SCADA) instrumentation and controls.	
Rationale	
Currently the Southeast Water Reclamation Facility directs off-spec water to their east lined reject storage pond through their on-site reclaimed water system. This main also provides reclaimed water to Shroeder Manatee, Rosedale and the Manatee Agricultural Reuse Supply (MARS) system. In the case of a reject event, feed to these entities has to be suspended. The Florida Department of Environmental Protection requires facilities with reclaimed effluent lines serving dual purpose as reject lines to flush the lines until a clean sample is obtained prior to placing back in service. The addition of a dedicated reject line would resolve this issue, reduce down time due to off-spec events and allow continuous service to the reclaimed water system once the new ground storage tank and high service pump station is installed. A dedicated reject line will also isolate the reject system conserving resources and eliminating the potential for contamination of the MARS system.	

Funding Strategy
Utility Rates

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	09/30/13	88,151	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	03/20/15	09/30/15	745,757	1,595,000	0	0	0	0	0	0	1,595,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	06/30/15	42,415	0	0	0	0	0	0	0	0
Totals:			876,323	1,595,000	0	0	0	0	0	0	1,595,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	1,595,000
Non-Personal:					Total Funding:	1,595,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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

Comprehensive Plan Information

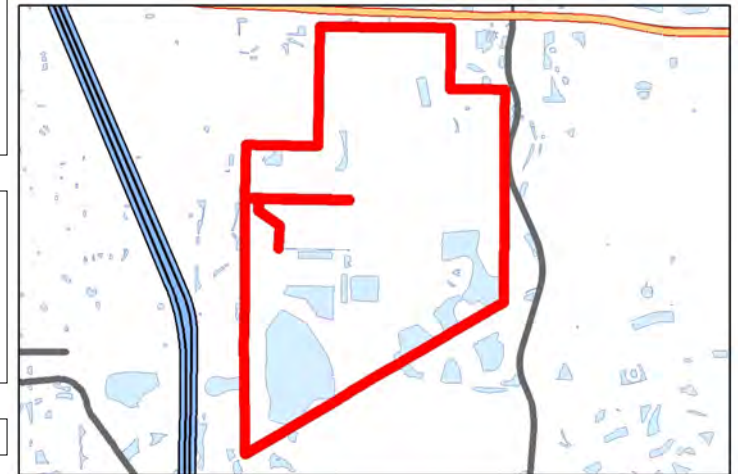
Project Mgr: **Ricardo Colon**

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

Scope

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).

Project Map



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								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/12	09/30/13	259,659	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/14	09/30/16	1,514,382	2,250,000	200,000	0	0	0	0	0	2,450,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	09/30/16	114,449	0	0	0	0	0	0	0	0
Totals:			1,888,490	2,250,000	200,000	0	0	0	0	0	2,450,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	2,250,000
Rates	200,000
Total Funding:	2,450,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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

Comprehensive Plan Information

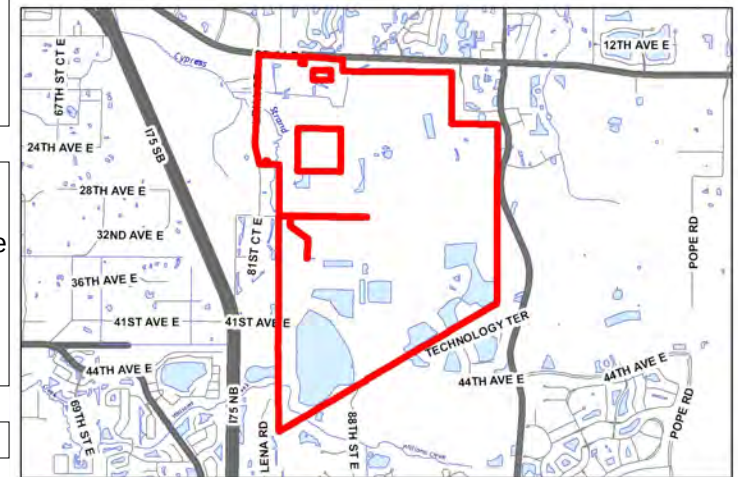
Project Mgr: **Ricardo Colon**

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.

Project Map



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

Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/12	09/30/13	148,104	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	09/30/15	1,274,083	2,710,000	200,000	0	0	0	0	0	2,910,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	09/30/15	70,837	0	0	0	0	0	0	0	0
Totals:			1,493,023	2,710,000	200,000	0	0	0	0	0	2,910,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	2,710,000
Rates	200,000
Total Funding:	2,910,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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

Scope	Project Map
Installation of lake filtration system, 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.

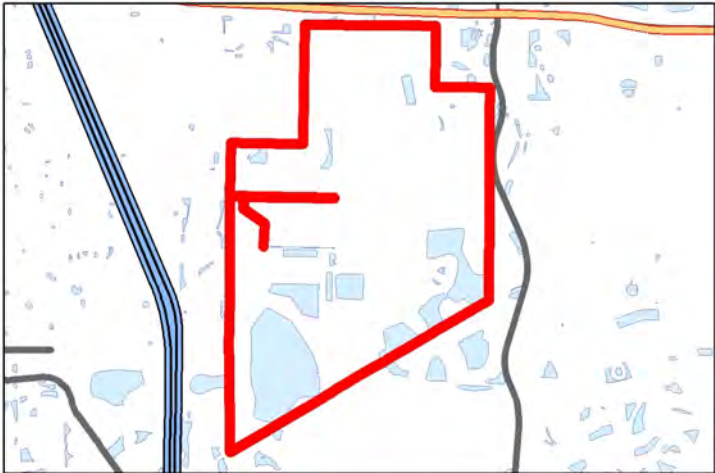
Funding Strategy
Debt Proceeds Utility Rates

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	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	09/30/15	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	09/30/15	281,343	325,000	0	0	0	0	0	0	325,000
Totals:			5,344,445	6,545,000	0	0	0	0	0	0	6,545,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	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 2016 - 2020 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				
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/12	09/30/13	455,827	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	1,343,438	3,016,000	0	0	0	0	0	0	3,016,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	12/31/16	25,492	20,000	0	0	0	0	0	0	20,000
Totals:			1,824,758	3,036,000	0	0	0	0	0	0	3,036,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:						
Non-Personal:	35,000	35,000	35,000	0	All Prior Funding	3,036,000
Operating Capital:					Total Funding:	3,036,000
Operating Total:	35,000	35,000	35,000	0		
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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

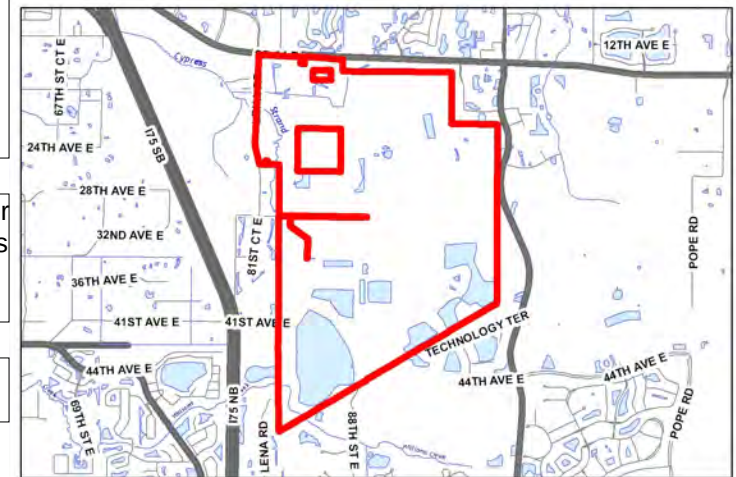
Project Mgr: **Ricardo Colon**

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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/12	09/30/14	236,387	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	06/01/15	09/30/16	211	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	09/30/16	11,774	0	0	0	0	0	0	0	0
Totals:			248,372	4,400,500	0	0	0	0	0	0	4,400,500

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
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 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southeast Water Reclamation Facility Sludge Holding Tank
Wastewater Treatment	6041981	Improvements

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

Comprehensive Plan Information

Project Mgr: **Anthony Benitez**

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

Scope

Removal of the existing centrifugal aeration system and coarse bubble diffusers and replace them with jet aeration in both tanks along with adding an additional gravity belt thickener.

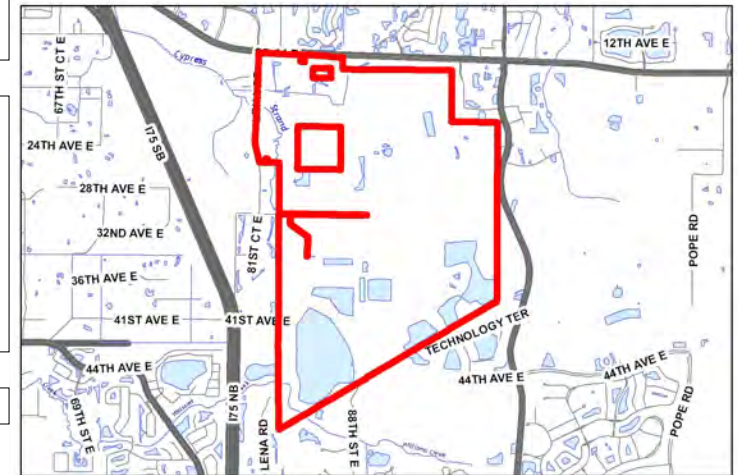
Rationale

To reduce drying costs, the sludge holding operation was changed to thicken the waste activated sludge to 5% solids. The current coarse bubble aeration and centrifugal blowers were not designed for this type of operation resulting in the inability to decant the tanks because the aeration system cannot be turned off or the coarse bubble diffuser header will become plugged with solids and the centrifugal blowers cannot dislodge them. These improvements will reduce energy usage and polymer consumption providing greater operational flexibility and control over the sludge holding process and be compatible with the sludge requirements for processing Class AA biosolids at the dryer facility.

Funding Strategy

Debt Proceeds

Project Map



Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/12	09/30/13	179,169	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	09/30/15	818,721	1,785,000	0	0	0	0	0	0	1,785,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/12	09/30/15	71,042	0	0	0	0	0	0	0	0
Totals:			1,068,932	1,785,000	0	0	0	0	0	0	1,785,000

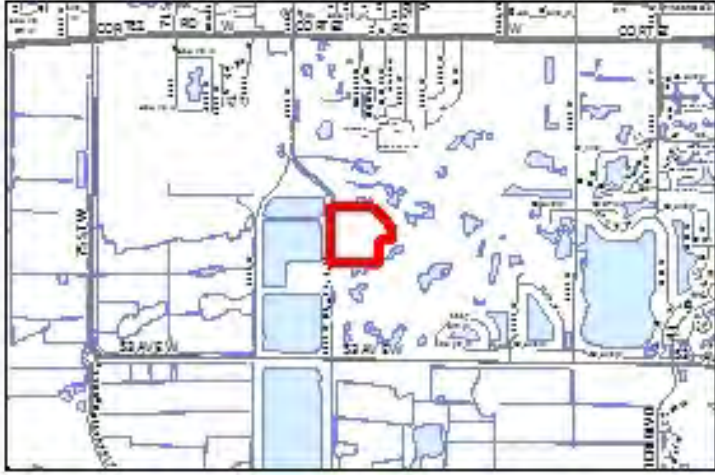
Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

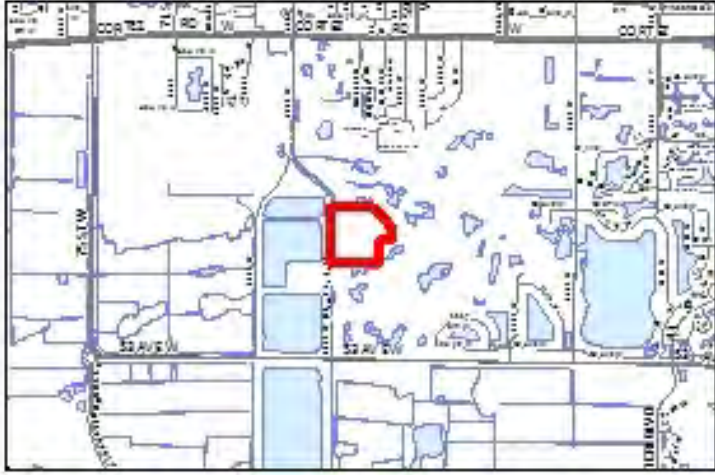
Funding Sources	Amount
All Prior Funding	1,785,000
Total Funding:	1,785,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility - Electrical Distribution System Rehab/Enhancement									
Wastewater Treatment	WW01370										
Status: Requested 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								
Rehabilitation of electrical distribution components at the SWWRF including air conditioning in electrical rooms, 5 kV feeder for aeration blowers, removal of substations 1, 2, 5 and 6, replacement of motor control centers B1-B4 and DW1, DW2, D1, D2, E1 and E2, replacement of substations 7&8.											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	0	640,000	0	320,000	960,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	09/30/21	0	0	0	0	0	0	2,880,450	2,880,450	5,760,900
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/21	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	640,000	2,880,450	3,200,450	6,720,900
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No.of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Rates						6,720,900
					Total Funding:						6,720,900

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility - Replace Belt Filter Press Feed Pumps and Eddy Current Drives		
Wastewater Treatment	WW01371			
Status: Requested Initial Year: 2018 District 3 Location: Southwest Water Reclamation Facility				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Replace six existing Belt Filter Press (BFP) feed pumps and eddy current drives with new pumps and variable frequency drives. The new drive system will connect all existing I/O's to the SCADA system.	
Rationale	
Sludge production is increasing at the Southwest plant and this equipment is critical to the sludge dewatering operations. Existing equipment requires ongoing maintenance due to the age of the equipment. The existing eddy current drives are an obsolete technology and getting parts and service is increasingly difficult. Also, the variable frequency drives are a more efficient technology so some energy savings will be achieved.	
Funding Strategy	
Utility Rates	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/20	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	09/30/20	0	0	0	0	0	710,000	0	0	710,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	100,000	710,000	0	0	810,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					Rates	810,000
Non-Personal:					Total Funding:	810,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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 and 53rd Avenue West

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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:			80,193	0	0	0	0	0	0	0	0
Land:			0	0	0	0	0	0	0	0	0
Construction:	02/17/15	02/28/16	281,387	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	02/28/16	10,803	0	0	0	0	0	0	0	0
Totals:			372,383	2,459,000	0	0	0	0	0	0	2,459,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

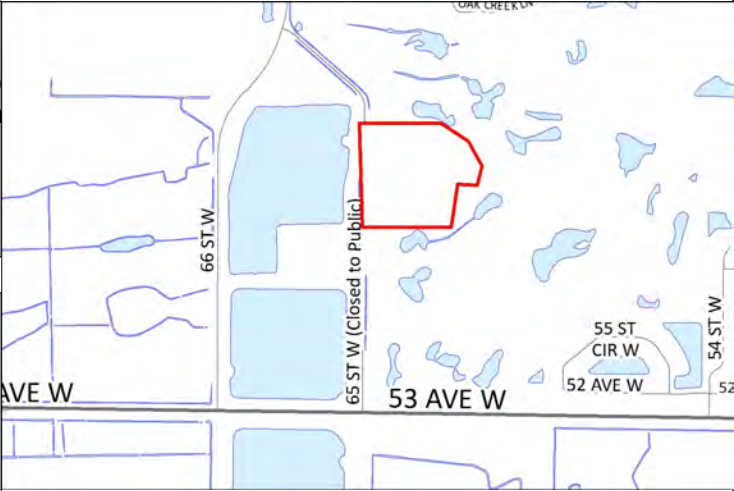
Funding Sources	Amount
All Prior Funding	2,459,000
Total Funding:	2,459,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Belt Filter Press Electrical Rehabilitation & Monitoring									
Wastewater Treatment	WW01251										
Status: Requested 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. Improvements include SCADA programming for control and monitoring.											
Rationale											
Storage 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. These improvements will free up an operator for higher level duties and additional work as the complexities of the plant increase and the facility grows.											
Funding Strategy											
Debt Proceeds											
Schedule of Activities		Programmed Funding									
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/18	09/30/19	0	0	0	0	238,000	0	0	0	238,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/19	09/30/20	0	0	0	0	0	1,585,000	0	0	1,585,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/18	09/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	238,000	1,585,000	0	0	1,823,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						1,823,000
					Total Funding:						1,823,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Chlorine Contact Chamber		
Wastewater Treatment	WW01252			
Status: Requested Initial Year: 2018 District 3 Location: 5101 65th Street West				
Comprehensive Plan Information			Project Mgr: Jeff Streitmatter	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope	Project Map
Replace existing influent and effluent gates at the Chlorine Contact Chambers (CCC). Remove gates between the effluent channel and transfer pump station wet well and seal four of six openings. Remove gates for bypass channel and fill channel. Install a sump and pump with ability to empty any CCC in two to three hours for cleaning. Evaluate existing low service pump/reuse system piping and associated valves, meters and SCADA connections for proper operation, check concrete stairs platforms and walls for deficiencies, repair or replace any faulty items as necessary. Relocate the CCC mixing blowers closer to CCC's and construct a new building. Demolish existing blower building.	
Rationale	
The CCC's are over 25 years old and some of the original gates are no longer usable or don't seal properly. Others are no longer required. The original mud valves used to empty each CCC have rusted shut and the effluent gates leak water back into the tanks making it difficult to keep them dry during cleaning. When gates and valves don't work correctly other parts of the facility are affected, requiring us to take other units offline to redirect flow to compensate for the faulty item when work needs to be done in the CCC area. Repairs and improvements in this area would allow flow to be gated in any direction needed, and stop the need to shut down the other parts of the process.	
Funding Strategy	
Debt Proceeds	

Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	07/31/18	0	0	0	0	172,000	0	0	0	172,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/18	09/30/19	0	0	0	0	0	980,000	0	0	980,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	172,000	980,000	0	0	1,152,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					Debt Proceeds	1,152,000
Non-Personal:					Total Funding:	1,152,000
Operating Capital:						
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Clarifier 3 and 4 Rehabilitation									
Wastewater Treatment	6078981	Rehabilitation									
Status: Existing Initial Year: 2012 District 3 Location: 66th Street & 53rd Avenue West											
Comprehensive Plan Information		Project Mgr: Anthony Benitez									
CIE Project: No LOS/Concurrency: No Plan Reference: Project Need: Maintenance											
Scope											
Improvements based on an evaluation include complete replacement of the clarifier equipment and installation of Stamford baffles for better solids control.											
Rationale											
The equipment is beyond its 20 year useful life span and needs extensive rebuilding or replacement in order to provide competent Class I Reliability of this unit process.											
Funding Strategy											
Utility Rates Debt Proceeds											
Project Map											
Schedule of Activities											
Activity	From	To	Expended to Date	Prior Year Approp.	Programmed Funding						
					FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/11	03/31/13	205,460	330,000	0	0	0	0	0	0	330,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/13	06/30/15	2,005,454	2,816,000	0	0	0	0	0	0	2,816,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	06/30/15	106,823	104,000	0	0	0	0	0	0	104,000
Totals:			2,317,737	3,250,000	0	0	0	0	0	0	3,250,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020	Means of Financing						
Personal:					Funding Sources						Amount
Non-Personal:					All Prior Funding						3,250,000
Operating Capital:					Total Funding:						3,250,000
Operating Total:											
No.of Positions:	0	0	0	0							

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/14	12/31/15	146,440	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	0	5,837,000	163,000	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	3,812	0	0	0	0	0	0	0	0
Totals:			150,252	6,464,000	163,000	0	0	0	0	0	6,627,000

Operating Budget Impacts					Means of Financing	
	FY2017	FY2018	FY2019	FY2020	Funding Sources	Amount
Personal:					All Prior Funding	6,464,000
Non-Personal:					Rates	163,000
Operating Capital:					Total Funding:	6,627,000
Operating Total:						
No. of Positions:	0	0	0	0		

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Effluent Storage Tank 2
Wastewater Treatment	6036083	

Status: Existing Initial Year: 2012 District 3 Location: 66th Street & 53rd Avenue West

Comprehensive Plan Information

Project Mgr: **Anthony Benitez**

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

Project Need: **Maintenance**

Scope

Installation of a 10 million gallon ground storage tank and appurtenances, including associated valves, pipes, Supervisory Controls and Data Acquisition (SCADA) and appurtenances to connect to the Southwest Water Reclamation Facility and the Manatee Agricultural Reuse Supply (MARS).

Rationale

At present off-peak times, a portion of the Southwest Water Reclamation Facility's effluent is discharged to a deep injection well due to limited alternate storage facilities resulting in Part III (meets reclaimed water standards) public access reuse quality water not being utilized. This project will add system storage increasing the operational efficiency of the reclaimed water system to peak demands.

Funding Strategy

Debt Proceeds
Utility Rates
Grants

Project Map



Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	07/01/11	03/31/12	470,491	421,526	0	0	0	0	0	0	421,526
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/12	09/30/15	6,942,461	7,875,000	0	0	0	0	0	0	7,875,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	07/01/11	09/30/15	367,783	305,000	0	0	0	0	0	0	305,000
Totals:			7,780,734	8,601,526	0	0	0	0	0	0	8,601,526

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	8,601,526
Total Funding:	8,601,526

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Equalization System Rehabilitation									
Wastewater Treatment	WW01254										
Status: Requested 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								
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. Additionally, power shall be supplied by the project via new, undergrounds 5kV feeder to the vicinity of the Northeast Aeration Blower building, which shall supply a new transformer and MCC.											
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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	07/31/19	0	0	0	0	0	404,000	0	0	404,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	08/01/19	06/30/20	0	0	0	0	0	0	5,459,000	0	5,459,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	06/30/20	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	0	0	404,000	5,459,000	0	5,863,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources						Amount
					Debt Proceeds						5,863,000
					Total Funding:						5,863,000

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Headworks Rehabilitation
Wastewater Treatment	6036084	

Status: Existing Initial Year: 2012 District 3 Location: 66th Street & 53rd Avenue West

Comprehensive Plan Information

Project Mgr: **Anthony Benitez**

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

Scope

Rehabilitation will include headworks channel walls and floor with application of a coating system, rebuilding equipment and replacing the existing pre-stressed concrete cylinder pipe from the headworks to the primary clarifiers.

Project Map



Rationale

Due to the corrosive environment inherent in wastewater and the age of the equipment, the headworks need to be rehabilitated to extend its useful life.

Funding Strategy

Debt Proceeds
Utility Rates

<u>Schedule of Activities</u>			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/11	09/30/13	122,570	150,000	0	0	0	0	0	0	150,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/13	09/30/15	834,079	967,050	0	0	0	0	0	0	967,050
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/11	09/30/15	97,883	52,000	0	0	0	0	0	0	52,000
Totals:			1,054,532	1,169,050	0	0	0	0	0	0	1,169,050

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	1,169,050
Total Funding:	1,169,050

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Lake Filtration, North Pond Lining and Reject Pond		
Wastewater Treatment	6079180			
Status: Existing Initial Year: 2011 District 3 Location: 66th Street & 53rd Avenue West				
Comprehensive Plan Information			Project Mgr: Anthony Benitez	
CIE Project: No		LOS/Concurrency: No	Plan Reference:	Project Need: Maintenance

Scope

Conversion of the existing unlined north effluent storage pond to a lined reject holding pond and a lined effluent holding pond, separated by a lined interior berm. Construction will include earth work, lining, pipes, valves, and automation. Renovation of the lake filtration system including a new lake gravity filter system and the associated piping, valves, chemical feed and automation modifications.

Rationale

The existing facility currently has no storage specifically designated only for reject water or Part III reclaimed water storage. The Florida Department of Environmental Protection (FDEP) 2010 operating permit renewal requires separate lined storage ponds be constructed in order to comply with current regulatory requirements and ensure the reliable functioning of the facility to manage these flows. The existing lake filtration system is insufficient to meet current reclaimed water demands due to algae and inadequate pressure for backwashing, resulting in poor water quality and reduced reliability for the end user. As such, this water is diverted through the automatic backwash filters for treatment, commingling Part III water with the process stream resulting in increased filter maintenance, backwashing and turbidity diversions.

Funding Strategy

Debt Proceeds
Utility Rates

Project Map

<u>Schedule of Activities</u>			<u>Programmed Funding</u>								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	04/01/10	06/30/12	1,163,434	196,000	0	0	0	0	0	0	196,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	07/01/12	09/30/15	13,030,460	14,469,168	0	0	0	0	0	0	14,469,168
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	04/01/10	09/30/15	679,236	944,967	0	0	0	0	0	0	944,967
Totals:			14,873,129	15,610,135	0	0	0	0	0	0	15,610,135

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

<u>Means of Financing</u>	
Funding Sources	Amount
All Prior Funding	15,610,135
Total Funding:	15,610,135

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility New Headworks									
Wastewater Treatment	WW01255										
Status: Requested 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									
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. Disconnect existing 5kV transformers (Substations 3 and 4) at existing headworks to reduce loads on power feeders to aeration system. Install new manhole to intercept 5kV cables and install new 5kV feeder around north side of WRF to reduce loads on existing 5kV feeders.											
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. The 5kV distribution system should be reconfigured to minimize load on existing 5kV underground feeders and to prevent a potential failure for the power feed to the aeration system.											
Funding Strategy											
Debt Proceeds											
Utility Rates											
Schedule of Activities			Programmed Funding								
Activity	From	To	Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Design:	10/01/17	09/30/18	0	0	0	945,000	0	0	0	0	945,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	10/01/18	09/30/19	0	0	0	1,055,000	6,000,000	4,600,000	0	0	11,655,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/17	09/30/19	0	0	0	0	0	0	0	0	0
Totals:			0	0	0	2,000,000	6,000,000	4,600,000	0	0	12,600,000
Operating Budget Impacts											
	FY2017	FY2018	FY2019	FY2020							
Personal:											
Non-Personal:											
Operating Capital:											
Operating Total:											
No. of Positions:	0	0	0	0							
					Means of Financing						
					Funding Sources					Amount	
					Debt Proceeds					10,260,000	
					Rates					2,340,000	
					Total Funding:					12,600,000	

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 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

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.	FY2016	FY2017	FY2018	FY2019	FY2020	Future
Activity	From	To								
Design:	04/01/10	09/30/13	1,065,744	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	8,240,257	20,085,383	0	0	0	0	0	20,085,383
Equipment:			0	0	0	0	0	0	0	0
Project Mgt.:	04/01/10	06/30/17	486,414	210,000	0	0	0	0	0	210,000
Totals:			9,792,415	20,380,383	0	0	0	0	0	20,380,383

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:	150,000	150,000	150,000	0
Operating Capital:				
Operating Total:	150,000	150,000	150,000	0
No.of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	20,380,383
Total Funding:	20,380,383

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

Wastewater	Project#	Southwest Water Reclamation Facility Roof Over Sludge Trailer
Wastewater Treatment	6047281	

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

Comprehensive Plan Information

Project Mgr: **Tom Yarger**

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

Scope

Augment sludge dewatering facility building to roof over the western sludge trailer load-out position. Roof over shall include appropriate building appurtenances such as additional hose bibs, lighting, windbreaks, road improvement and drainage system.

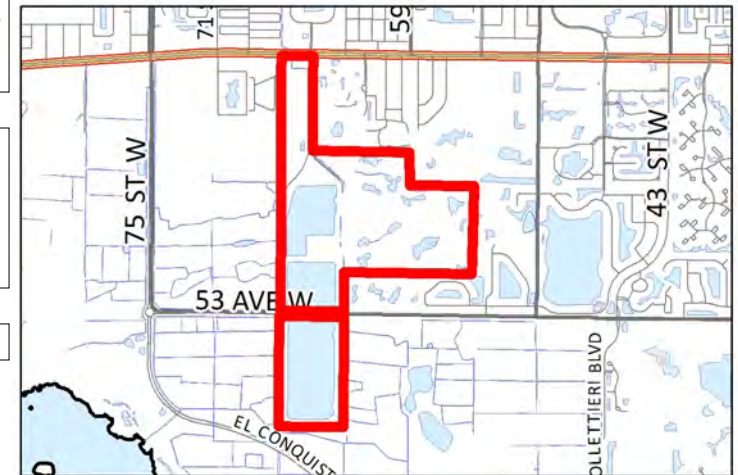
Rationale

Sludge load-out requires protection from rain as additional moisture can cause trucks to leak sludge as it is transported to the Biolsolids Dryer. Additionally, excess moisture causes slower and/or more expensive processing at the dryer. Too much wet sludge increases the risk of the dryer exceeding its Florida Department of Environmental Protection air permit by firing too hard and/or requiring more sludge to be landfilled.

Funding Strategy

Utility Rates

Project Map



Schedule of Activities			Programmed Funding								
			Expended to Date	Prior Year Approp.	FY2016	FY2017	FY2018	FY2019	FY2020	Future	Appropriated to Date
Activity	From	To									
Design:	10/01/13	03/31/14	11,886	25,000	0	0	0	0	0	0	25,000
Land:			0	0	0	0	0	0	0	0	0
Construction:	04/01/14	09/30/15	136,330	250,000	0	0	0	0	0	0	250,000
Equipment:			0	0	0	0	0	0	0	0	0
Project Mgt.:	10/01/13	09/30/15	26,328	0	0	0	0	0	0	0	0
Totals:			174,544	275,000	0	0	0	0	0	0	275,000

Operating Budget Impacts

	FY2017	FY2018	FY2019	FY2020
Personal:				
Non-Personal:				
Operating Capital:				
Operating Total:				
No. of Positions:	0	0	0	0

Means of Financing

Funding Sources	Amount
All Prior Funding	275,000
Total Funding:	275,000

Fiscal Year 2016 - 2020 Capital Improvement Program



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	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, fishing piers.	12,320,000
2	Bennett Park Softball Tournament Complex	Construction of 6 softball fields.	1,000,000
3	Blackstone Concession/Restroom	Construct concession/restroom facility.	400,000
4	Blackstone Soccer Fields Restrooms	Construct ADA compliant restrooms near soccer fields.	250,000
5	Boat Ramp - New - Undetermined Location	Construct boat ramp at undetermined location. Includes restroom, fish cleaning stations, lighting and parking lot.	2,601,500
6	Braden River Park Ball Field #6	Complete renovation of outfield to include soil, grading, rolling and sodding to combat sinkholes.	250,000
7	Braden River Park Dog Park	Construct pavilion, fencing and water line to the identified area for the dog park. Provide benches and picnic tables.	325,000
8	Braden River Park Erosion	Install retaining walls and drainage to eliminate erosion and wash out concerns.	250,000
9	Braden River Park Restroom	Construct ADA compliant restrooms near soccer fields.	250,000
10	Braden River Park Restroom/Pavilion Canoe Area	Construct restroom/pavilion at the canoe launch. Includes water, sewer and electrical.	250,000
11	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
12	Buffalo Creek Park Paved Parking Lot	Construct paved parking lot and service road.	110,000

**Manatee County
General Government
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
13	Buffalo Creek Park Restroom	Construct ADA compliant restrooms near soccer fields.	250,000
14	Chilled Water Pipe Connection - Across Manatee Avenue	Install chilled water pipe connection across Manatee Avenue to connect the chiller plant to the Historic Courthouse/Judicial Center Complex.	870,000
15	Chilled Water Pipe Connection - West	Install chilled water pipe connection from the plant loop west to the Central Library Annex, Historic Library and old City Hall property.	980,000
16	Coquina Beach Pavilion/Tiki Hut	Construct pavilion/tiki hut at south end of Coquina Beach.	350,000
17	Cortez Beach Restroom	Construct ADA and FEMA compliant elevated 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 elevated multi-stall restrooms, one each at Manatee Beach and Coquina Beach.	5,000,000
20	Devil's Elbow - Canoe/Kayak Launch And Picnic Shelter	Construct pavilion, canoe/kayak launch, trails, restroom and signage.	300,000
21	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
22	Duette Preserve RV Park	Construction of RV park with electric and water hookups, and septic pump out.	250,000
23	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
24	GT Bray Baseball Concession	Demolish and remove existing building and construct ADA and fire code compliant concession building.	400,000
25	GT Bray Baseball Fields Lighting	Upgrade existing baseball field lighting.	700,000
26	GT Bray Clay Tennis Courts	Construct four additional clay tennis courts. Includes irrigation, fencing and lighting.	270,000
27	GT Bray Habitat Oasis	Convert unutilized area in GT Bray Park to include trails, learning stations, observation deck and ecological enhancements.	225,000
28	GT Bray Park Ditch Piping	Install ditch piping between tennis courts and soccer fields to eliminate concrete swales outside of tennis courts.	250,000
29	GT Bray Parking Lot	Install solar powered parking lot and street lighting.	350,000
30	GT Bray Pavilion Restroom	Construct pavilion. Includes slab, prefabricated kit, paint and roofing.	300,000
31	GT Bray Softball Concession	Demolish and remove existing building and construct ADA and fire code compliant concession building.	450,000
32	GT Bray T-Ball Fields Irrigation	Install irrigation and new sod.	75,000

**Manatee County
General Government
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
33	Hidden Harbor Park Amenities	Construct parking lot, restroom/pavilion, canoe/kayak launch, maintenance building, playground, pavilions, signage, trail, amenities, utilities and stormwater.	1,200,000
34	Hidden Harbor Park Build Out	Complete build out of park site.	8,100,000
35	Highland Shores Boat Ramp Restroom	Construct ADA compliant unisex restroom.	250,000
36	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
37	Kingfish Boat Ramp Restroom	Construct ADA compliant restrooms.	250,000
	Kinnan Park Phase I	Amenities to include wetland enhancement, perimeter trail and boardwalk, parking, trails and pavilions.	500,000
38	Lakewood Ranch Park Build Out	Complete build out of park site. Includes multi-purpose building, locker room/field house, pavilions, concessions, and restrooms.	6,000,000
39	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
40	Lakewood Ranch Park Parking Lot	Reconstruct current parking lots.	250,000
41	Lakewood Ranch Park Restroom	Construct ADA restrooms near soccer fields.	250,000
42	Lincoln Park Splash Park Expansion	Install additional splash park features.	75,000
43	Manatee Beach Parking Lot Improvements	Improvements to include landscaped island, landscaping, entrance reconfiguration.	2,000,000
44	Marble Splashpad and Aquatic Facility Expansion	Demolish gymnasium building, construct splashpad, picnic shelters, shade structures, pool heaters, lights, starting blocks, and expand locker rooms. Repave parking lot, upgrade fencing and sprinkler system and add volleyball court.	1,262,500
45	Moody Branch Preserve	Construct parking lot, pavilion, playground, nature trail, fitness trail, observation platform, and interpretive signage.	100,000
46	North River Pool	Construct community pool with locker rooms, deck, bleachers, shade structure and splashpad. Estimate does not include land acquisition.	2,392,500
47	Pride Park Trail Expansion	Installation of 500 linear feet of concrete trail.	60,000
48	Robinson Preserve Playgrounds	Construct three age specific playgrounds.	200,000
49	Safety Upgrades at Old Jail Facility	Upgrade items to make old jail facility to code.	3,000,000
50	Sand & Clay Storage Bins - Countywide Parks	Construct concrete storage bins for sand and clay at Blackstone, Lakewood Ranch, Palma Sola, Braden River and GT Bray parks.	210,000
51	SR 64 Boat Ramp Restroom	Construct ADA compliant restrooms.	250,000
52	Storage Shed Replacement - 26th Avenue East (Public Works)	Replace equipment storage shed at Public Works facility.	1,187,000

**Manatee County
General Government
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
53	Ungarelli Preserve Recreational Improvements	Construct boardwalk and trail system. Includes kayak launch, parking areas, signage and a pavilion.	500,000
54	Washington Park Phase I	Parking lot, restroom, pavilion, playground, walk trail and BMX bike circuit.	615,000
	General Government / Property Management		
1	5th Floor Admin Building IT Room Demo and Office Remodel	Remodel of 5th floor of Admin Building to include an IT training room, and also renovation of 7th floor training room.	372,000
2	Admin Building Parking Garage Addition	Eight floor expansion of the existing Administration Building parking garage.	4,000,000
3	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
4	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
5	Braden River Library Expansion	Construct addition to Braden River Library. Includes study/tutor rooms, business center/lab, additional shelving, and fencing.	700,000
6	Central County Warehouse	Construct warehouse for general centralized storage. Includes offices and restrooms.	3,000,000
7	Convention Center Generator	Replace existing generator with larger generator.	500,000
8	County Records Storage Building	Purchase or lease existing facility for county records retention. Includes making facility ADA compliant.	500,000
9	Crosley - Boat Basin	Improvements to include walkways, lighting, seating, ornamental fencing, cosmetic repairs and ADA required improvements.	1,200,000
10	Data Center Build Out - Public Safety Facility	Build out remaining space at the Public Safety Center for the IT data center.	2,450,000
11	First Union Building Demolition	Demolition of First Union Building. Includes abatement, utilities disconnection and salvage.	500,000
12	Health Department Generator	Replace existing generator that could power entire facility.	350,000
13	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
14	Medical Examiner's Office - New	Construct new Medical Examiner's Office, approximately 25,000 square feet.	10,000,000

**Manatee County
General Government
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
15	Merrill Lynch 2nd Floor Remodel	Renovation of facility in to usable office space. Includes electrical, plumbing, flooring, windows, lighting, and elevator.	3,500,000
16	Old Natural Resources Building Demolition	Demolition of old Natural Resources building.	300,000
17	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) Software & Hardware Upgrade	Upgrade current system. Includes software and hardware.	1,500,000
	General Government / Sheriff's Office		
1	MCDF 2nd Floor Addition to Medical Center	Feasibility study for the construction of second story on existing foundation.	25,000
2	MCDF Replace Fan Coil Units	Replace existing ceiling mounted fan coil units.	1,360,000
3	MSO Additional Cameras	Upgrade to digital cameras.	369,000
4	MSO CPS Facility Generator	Generator for newly purchased CPS/MSO building.	350,000
5	MSO Driving Pad	Driving pad to be specified by MSO.	800,000
6	MSO Fleet Services Facility	Upgrade existing MSO fleet services facility to be specified by MSO.	2,000,000
7	MSO Gun Range	Construction of gun range to be specified by MSO.	5,000,000
8	MSO Helicopter Replacement	Replacement of current helicopter as specified by MSO.	3,000,000
9	MSO Medical Wing	Construct three story facility designed to house medical type inmates and juveniles.	8,000,000
10	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.	4,500,000
11	MSO New Location - District 1	Construct new office location for MSO District 1, as specified by the MSO.	1,500,000
12	MSO New Location - District 3	Construct new office location for MSO District 3, as specified by the MSO.	1,500,000
13	MSO New Location - District 4	Construct new office location for MSO District 4, as specified by the MSO.	1,500,000



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	14th Street West - 26th Avenue West to 39th Avenue West	Construct pedestrian crossings.	130,000
3	15th Street East - 38th Avenue East	Construct signal and turn lane improvements.	385,418
4	15th Street East (301 Blvd) - Tallevast Rd to 1st St (US 41)	Construct 3 lane roadway with bike lanes and sidewalks.	21,800,000
5	18th Street West - Cortez Road to 38th Avenue	Construct sidewalk on east side.	36,900
6	24th Avenue - US 301 to 29th Street	Construct a new 2 lane road.	12,182,882
7	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
8	26th Street West - 9th Avenue West	Extend left turn lanes and add right turn lanes.	1,242,246
9	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
10	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
11	27th Street East - 9th Avenue East	Construct separate left-turn lane on all approaches.	523,617
12	49th Avenue East - Mendoza Road to Ellenton Gillette Road	Construct 2 lane roadway with 5' sidewalk, curb and gutter.	13,420,206
13	49th Avenue East - US 301 to Mendoza	Widen from 2 lanes to 4 lanes.	6,955,116
14	51st Street West - 53rd Avenue West	Construct southbound left turn lane.	543,300
15	53rd Avenue West - 20th Street West	Upgrade to mast arm support and construct right-turn lane on westbound approach.	533,996
16	53rd Avenue West - 26th Street West	Upgrade to mast arm support, and construct right-turn lane at all approaches.	1,323,066
17	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
18	60th Avenue East - US 301 to 69th Street East	Construct new 4 lane road.	23,000,000
19	69th Street / Erie Road - US 41 to US 301	Widen from 2 lanes to 4 lanes.	54,584,453
20	9th Avenue West - 51st Street West Intersection	Install traffic signal.	250,000
21	9th Street East - 37th Avenue East Intersection	Install traffic signal.	328,358
22	9th Street East - US 301	Construct new sidewalk.	-
23	9th Street East at US 301 Railroad Improvements	Construct railroad crossing replacement surface over two sets of railroad tracks.	1,100,000
24	9th Street West - Cortez Road to 301 Boulevard	Construct sidewalk on east side.	102,200
25	Advanced Traffic Management System Countywide	Countywide construction of ATMS infrastructure.	2,200,000
26	Advanced Traffic Management System Expansion-University Pkwy	Install fiber optic cable and equipment to connect traffic signals to the Regional Traffic Management Center.	650,000
27	Baywalk Trail from USF/Crosley	Construct trail from USF to Crosley.	150,000

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
28	Bicycle System Improvements Countywide	Placing of bike racks and route signs throughout the county where needed.	100,000/year
29	Bourneside Road - University Parkway to SR 70	Widen from 2 lanes to 4 lanes.	19,368,676
30	Buckeye Road - US 41 to US 301	Widen from 2 lanes to 4 lanes.	33,543,026
31	Canal Road - Mendoza Road Intersection	Install traffic signal.	250,000
32	Canal Road - US 301 to Palm View Road	Widen from 2 lanes to 4 lanes.	27,292,226
33	Canal Road at CSX Crossing - US301/17th Street East	Construct railroad crossing replacement surface over two sets of railroad tracks.	110,000
34	Canal Road Capacity - Design and Construction	Construct four lane road.	28,200,000
35	Carter Road - Erie Road to Buckeye Road	Widen from 2 lanes to 4 lanes.	16,023,178
36	Clay Gulley Road Repaving	Repave 2 lane road - 10 miles.	2,320,000
37	CR 675 - US 301 to Rye Road	Widen from 2 lanes to 4 lanes.	35,215,776
38	DeSoto and Green Bridge Dynamic Message Signs	Provide electronic signs on bridges to provide traffic and emergency information.	990,000
39	Duette Road Over Manatee River Bridge Replacement	Replace 35 foot bridge originally built in 1960.	955,000
40	Ellenton Gillette Road - US 301 to Moccasin Wallow Road	Construct 4 lane roadway with 5' sidewalk, curb and gutter.	49,709,130
41	Ellenton Gillette Road - US301 - Moccasin Wallow Road	Functional improvements to include widening of roadway, piping, and shoulder enhancement.	4,400,000
42	Erie Road - 69th Street East - US301 - East/West Phase	Functional improvements to include widening of roadway, piping, and shoulder enhancement.	2,000,000
43	Florida Boulevard Sidewalks	Add sidewalks (West of 26th Street West).	87,600
44	Fort Hamer Road - US 301 to Buckeye Road	Construct 4 lane roadway with 5' sidewalk, curb and gutter.	65,602,026
45	Golf Course Road - Fort Hamer Road to CR 675	Widen from 2 lanes to 4 lanes.	30,901,843
46	Harrison Ranch Blvd - US 301 to Erie Road	Widen from 2 lanes to 4 lanes.	16,727,493
47	Lakewood Ranch Blvd - Rangeland Parkway to SR 64	Widen from 4 lanes to 6 lanes.	33,933,230
48	Lakewood Ranch Boulevard Rebase	Rebase Lakewood Ranch Boulevard between SR64 and SR70.	1,220,000
49	Lena Road - SR 64 to SR 70	Complete north-south connection.	45,678,660
50	Lorraine Road - SR70 to SR 64	Construct 4 lane roadway with 5' sidewalk, curb and gutter.	40,304,700
51	Manatee River Bridge	Feasibility study for the bridge.	85,920,000
52	Mendoza Road - US 19 to Victory Road	Widen from 2 lanes to 4 lanes.	39,265,590
53	Moccasin Wallow Road - US 41 to US 301	Widen from 4 lanes to 6 lanes.	70,030,319
54	Moccasin Wallow Road Ext. - US 301 to SR 62	Widen from 2 lanes to 4 lanes.	7,923,549
55	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
56	Mulholland Road - Fort Hamer Road to CR 675	Widen from 2 lanes to 4 lanes.	30,197,528
57	Palmetto Fishing Pier (Green Bridge)	Rehab and renovate the Palmetto Fishing Pier (Green Bridge).	1,500,000
58	Piney Point Road Ext. (Port Connector) - US 41 to I-75	Construct four lane limited access roadway.	57,865,692

Manatee County Transportation Projects of Record

Line Number	Project Name	Project Description	Estimated Project Cost
59	Project Management Software Program	Install system to provide project management and CIP capabilities.	600,000
60	Rails With Trails - South County	Construct multi-use trail in rail right of way in south county.	2,700,000
61	Rye Road - SR 64 to SR 62	Widen from 2 lanes to 4 lanes.	68,937,876
62	Sawgrass Road - Erie Road to Il Road	Widen from 2 lanes to 4 lanes.	26,816,877
63	Sidewalk Improvements Countywide	Sidewalk improvements as needed - countywide.	300,000/year
64	Spencer Parrish Road - Golf Course Road to US 301	Widen from 2 lanes to 4 lanes.	19,762,636
65	SR 64 - 27th Street East to Carlton Arms	Construct sidewalks.	144,578
66	SR 64 - Lakewood Ranch Boulevard to Lorraine Road	Widen from 4 lanes to 6 lanes.	19,898,702
67	SR 64 - Rye Road Intersection	Add separate southbound right turn lane and signalize.	533,996
68	SR 70 - 30th St East intersection	Construct northbound & southbound dual left turn lanes and separate right turn lane.	575,000
69	SR 70 - 33rd St E & Caruso Road	Traffic signal upgrades.	800,000
70	SR 70 - at Fairway Gardens	Traffic calming (speed reduction) improvement for safety at this non signalized intersection.	414,279
71	SR 70 - at Lockwood Ridge Rd (45th St E)	Construct separate northbound right lane.	217,400
72	SR 70 - Lorraine Road to Dam Road	Widen from 2 lanes to 4 lanes.	24,207,994
73	SR 70 - US 41 intersection	Install Qwick curb or median on westbound approach.	407,197
74	Tallevast Road - US 41 to 301 Boulevard	Widen from 2 lanes to 4 lanes.	12,766,852
75	Tara Boulevard Bridge - Honore Ave to Linger Lodge Rd	Construct 2 lane bridge.	6,349,745
76	Transit Capital Improvements Countywide	Transit capital improvements as needed - countywide.	250,000/year
77	University - Market Street intersection	Add and extend turn lanes to accommodate interim design for I-75 at University Parkway diverging diamond interchange configuration.	374,274
78	University / I-75 Area - Sidewalk, Bike Lanes, Multi-Use Trails	Bike-pedestrian connectivity.	333,635
79	University Parkway Corridor	Feasibility study to support I-75 at University Parkway area.	100,000
80	US 301 - 41st Avenue East to 51st Avenue East	Construct sidewalk.	460,000
81	US 301 - 51st Avenue East to 60th Avenue East	Construct sidewalk.	460,000
82	US 301 - 60th Avenue to Moccasin Wallow Road	Widen from 4 lanes to 6 lanes.	68,850,033
83	US 301 - Canal Road Intersection	Construct intersection.	300,000
84	US 301 - Haben Boulevard Intersection	Construct intersection.	703,410
85	US 301 - Moccasin Wallow Road North to County Line	Widen from 2 lanes to 4 lanes.	33,779,559
86	US 301 - University Parkway to 1st St	Widen from 4 lanes to 6 lanes.	74,751,464
87	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
88	US 41 - Bayshore Gardens Parkway	Construct traffic separator on south leg of intersection.	326,000
89	US 41 - Edwards Drive to Braden Avenue	Construct pedestrian crossings.	130,000
90	US 41 - Florida Boulevard	Upgrade to mast arm support, and construct right-turn lane on all approaches.	87,600

**Manatee County
Transportation
Projects of Record**

Line Number	Project Name	Project Description	Estimated Project Cost
91	US 41 - Moccasin Wallow Rd	Construct westbound left and right turn lanes.	460,000
92	US 41 - Orlando Avenue	Upgrade to mast arm support, and construct right turn lane on all approaches.	917,992
93	US 41 - US 301 to 69th Street	Widen from 4 lanes to 6 lanes.	45,244,397
94	US 41 Transit Improvements	Service expansion in US 41 corridor.	1,510,000
95	Whitfield Avenue - 15th Street East to Lockwood Ridge Road	Widen from 2 lanes to 4 lanes.	22,802,214
96	Willow Ellenton Greenway	Construct multi-use trail (Regional).	2,700,000

**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.	1,000,000
2	Tara Blvd Ext 12" Water Main Braden River	Connection of water line to Tara Boulevard Bridge, when constructed.	1,000,000
	Utilities / Solid Waste		
1	Landfill Operations Maintenance Building	Construct maintenance building for landfill operations. Includes storage for small equipment and supplies currently stored outside.	590,000
	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.	5,000,000
2	NWRF Class 1 Deep Injection Well	Construct Class I Deep Injection Well and associated equipment.	5,000,000
3	SWWRF Expansion	Construct fifth anoxic basin and fifth aeration basin.	5,000,000



Manatee County
Summary of Maintenance Projects
Programmed for FY16 - FY20

Line Number	Account Number	Project Description	FY16	FY17	FY18	FY19	FY20	Total FY16-FY20
		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	0019606	Master Meter Renewal and Rehab	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 1,250,000
2	0021500	Water Complex R&R	-	-	50,000	50,000	50,000	150,000
3	0019604	Water Distribution Improvements	300,000	350,000	400,000	400,000	400,000	1,850,000
4	0019600	Water Plant Renewal and Rehab	350,000	350,000	350,000	350,000	350,000	1,750,000
5	0019605	Water Transmission Mains	200,000	300,000	300,000	300,000	300,000	1,400,000
6	0021400	Water Treatment Plant R&R	350,000	350,000	350,000	350,000	350,000	1,750,000
		Total Potable Water Maintenance	\$ 1,450,000	\$ 1,600,000	\$ 1,700,000	\$ 1,700,000	\$ 1,700,000	\$ 8,150,000
		Wastewater						
1	0019910	66th Street Complex R&R	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ 75,000	\$ 225,000
2	0019708	Force Main Rehabilitation	200,000	186,000	724,000	241,400	160,000	1,511,400
3	0019713	Laterals Lining - Anna Maria	250,000	250,000	250,000	250,000	250,000	1,250,000
4	0019710	MARS Maintenance R&R	300,000	300,000	300,000	300,000	300,000	1,500,000
5	0019702	N WRF Maintenance R&R	100,000	100,000	100,000	100,000	100,000	500,000
6	0019701	SE WRF Maintenance R&R	100,000	100,000	100,000	100,000	100,000	500,000
7	0021301	Sewer - Master Lift Stations	600,000	600,000	600,000	600,000	600,000	3,000,000
8	0021306	Sewer - NWRF Maintenance	300,000	300,000	300,000	300,000	300,000	1,500,000
9	0021305	Sewer - Satellite Lift Stations	800,000	800,000	800,000	800,000	800,000	4,000,000
10	0021303	Sewer - SEWRF Maintenance	300,000	300,000	300,000	300,000	300,000	1,500,000
11	0021302	Sewer - SSWRF Maintenance	300,000	300,000	300,000	300,000	300,000	1,500,000
12	0019704	Sewer Line Extensions	100,000	100,000	100,000	100,000	100,000	500,000
13	0019703	Sewer Line Participation	100,000	100,000	100,000	100,000	100,000	500,000
14	0019705	Sewer Reconstruction	100,000	100,000	100,000	100,000	100,000	500,000
15	0021300	Sewer: Reconstruct	230,000	230,000	230,000	230,000	230,000	1,150,000
16	0019700	SW WRF Maintenance R&R	100,000	100,000	100,000	100,000	100,000	500,000
17	0019706	Upgrade Master Lift Stations	750,000	750,000	750,000	750,000	750,000	3,750,000
18	0019707	Upgrade Satellite Lift Stations	1,420,000	1,284,000	1,750,000	1,750,000	1,750,000	7,954,000
		Total Wastewater Maintenance	\$ 6,050,000	\$ 5,900,000	\$ 6,979,000	\$ 6,496,400	\$ 6,415,000	\$ 31,840,400



**Manatee County
Public Works Department
FY16 Resurfacing Priorities
Major and Local Roads**

Line Number	Major Roads	From	To
1	Bishop Harbor Road	US 41	Bayshore
2	Lakewood Ranch Blvd	University Park	53rd Ave E
3	Bayshore Dr	US 19	Horseshoe Loop
4	19th St E	US 301	18th St E
5	Lorraine Road	The Masters Ave	Players Dr
6	Tournament Blvd	Lockwood Ridge Road	Palm Aire Dr
7	Rye Road	Upper Manatee River	Rivers Reach Blvd
8	Clay Gulley Road	Sugar Bowl Road	Myakka Road
9	Verna Bethany	SR 64	SR 70
10	66th St W	65th St W	53rd Ave W
11	9th St E	49th Ave E	51st Ave E
12	US 301 Blvd	US 41	9th St E
13	El Conquistador Parkway	Legends Bay	Champions Row St
14	Honroe Ave	Lockwood Ridge Road	Sandstone Ave
15	17th Ave West	59th St W	55th St W
16	30th St E	51st Ave E	47th Ave E
	Local Roads	From	To
1	Bayshore Gardens Subdivision (Sections)	26th Street West	14th Street West
2	Greenfield Plantation Subdivision Phase I	SR 64	Upper Manatee River Road
3	Samoset Area Phase I	15th Street East	US 301
4	Fairlane Acres MHP Phase III	5th St W	14th St W
5	Mill Creek Subdivsion Phase III	Rye Road	Mill Run E
6	Flamingo Dr	Manatee Ave	Spoonbill Rd
7	50th Ave W	51st St W	44th St W
8	47th ST W	44th St W	50th Ave W
9	64th Ave E	12th St W	5th St W
10	284th St E	Betts Road	289th St E
11	289th St E	284th St E	Betts Road
12	17th Ave W	59th St W	55th St W

**Manatee County
Public Works Department
FY16 Resurfacing Priorities
Major and Local Roads**

Line Number	Major Roads	From	To
13	61st St W	Manatee Ave	1st Ave W
14	62nd St W	Manatee Ave	1st Ave W
15	11th Ave W	51st St W	55th St W
16	3rd Ave W	45th St W	51st St W
	Local Roads	From	To
17	47th St W	Manatee Ave	9th Ave W
18	7th Ave W	43rd St W	51st St W
19	Creekwood Subdivision	52nd Place East	44th Ave East
20	4th Ave NE	64th St E	67th St E
21	67th St Ct E	24th Ave E	13th Ave E
22	River Club Subdivision	Glen Abby Ln	Deer Run
23	35th Ct E	34th Ct E	South End
24	Hopkins Dr	60th Ave W	Bates St
25	Clark Ave	Rollins	West End
26	Rollins St	Hopkins	Clark Ave
27	River Plantation Subdivision Phase I	Mullholland Road	20th St E
28	Quonset Road Area	68th Ave East	Palmetto Road

**Manatee County
Public Works Department
FY16 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	Tallevast Rd/77th Ave E (North Side)	15th Street East	Post Office	2,150	No
3	12th Street East (West Side)	57th Avenue East	61st Avenue East	2,700	No
4	36th Street East (Prospect) (East)	Whitfield	South to Existing Sidewalk	1,300	Yes
5	30th Avenue East (South Side)	9th Street East	15th Street East	2,600	Yes
6	26th Street East	9th Avenue Drive East	15th Avenue East	2,300	No
7	26th Street West	30th Avenue West	South to Existing Sidewalk	170	No
8	Danny Drive	9th Street East	Magellan Drive	1,600	Yes



Manatee County Government

CIP Changes - All Categories

From FY16-20 Recommended to FY16-20 Adopted

Beginning:

Recommended FY16-20 CIP	998,633,614

Additions:

Projects Added for FY16-FY20

No New Projects Added for FY16-20 Since Recommended	-

Total Projects Added for FY16 to CIP since 6/11 presentation	\$ -

Projects Added for FY15

CDBG Sidewalk - 21st St E-US41-12th Ave E	382,000

Coquina Beach Drainage Improvements	88,000

Total Projects Added for FY15 to CIP since 6/11 presentation	\$ 470,000

Adjustments:

Projects Adjusted from FY16-20 RC to FY16-20 AD

Grant Funding Received for Projects:

Coquina North Boat Ramp	36,000

Duette Preserve - Hydrologic Restoration	28,222

Hidden Harbor Wetland/Upland Maintenance	609,500

Robinson Preserve Expansion	3,200,000

Subtotal - Grant Funding Received for Projects	\$ 3,873,722

Funding Shifted from FY15 to FY16:

44th Ave E - 44th Ave Plaza East - LWR Blvd	3,561,000

44th Ave E-45th St-44th Ave Plaza East	4,200,000

Subtotal - Funding Shifed from FY15 to FY16	\$ 7,761,000

Updated Project Estimated Costs:

45th St E - 44th Ave E - SR70	2,500,000

53rd Ave W - 43rd - 75th - Reclaimed	50,000

53rd Ave W - 43rd St W - 75th St W	400,000

53rd Ave W - 43rd St W - 75th St West	811,000

Coquina Beach Landscaping	5,000

Coquina Beach Signage	(7,500)
Cortez Road 86th St W Intersection	7,000
Force Main 13 A Rehab	1,699
Force Main 27A	(450,000)
Ft Hamer Parking Lot Expansion	150,000
Ft. Hamer Boat Ramp/Dock Improvements	1,000
Land Acquisition - Countywide	(525,000)
MLS 12A Wet Well Rehab & Dimminutor Repl	210,000
Perico Preserve Seagrass Mitigation	75,000
Relocate Data Center Backup	80,112
SEWRF 10MG Storage Tanks	700,000
SEWRF Septage Receiving Station	800,000
SWWRF Class V Recharge Well	1,000,000
SWWRF Effluent Storage Tank 2	600,000
SWWRF Headworks Rehab	9,050
Tallevast - Tuttle - Prospect	13,014
Tuttle Ave - Woodbrook II - Whitfield Ave	20,000
Ungarelli Parking Areas	7,500
Water Facility - Tainter Gates	1,267
Subtotal - Updated Project Estimated Costs	\$ 6,459,142

Total Adjustments since 6/11/15 presentation **\$ 18,093,864**

Completions/Removals:

Projects Completed/Removed from FY16-20 RC to FY16-20 AD

Force Main 15D	(4,265)
Force Main 1A Whitfield Subdivision	(160)
Force Main 1MA Replacement	(75,551)
Force Main 34A	(24,266)
Key Royale Anna Maria Island Waterline	(143,044)
MLS Tideview 4 Rehab	(64,572)
NWRF Fiber Optics	(264,888)
NWTP Generator Repl Power 1 & 2	(3,510,000)
SWWRF Lake Filtration, North Pond Lining	(106,409)
Taylor Road Bridge	(64,801)
Trailer Estates Sewer Rehab PhII	(68,453)
Total Completions/Removals since 6/11 presentation	\$ (4,326,409)

Adopted FY16-20 CIP **\$ 1,012,871,069**

Manatee County

FY16 – FY20 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

FY2016 – FY2020 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

FY2016 – FY2020 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

FY2016 – FY2020 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.

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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.

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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.

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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.

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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.

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