

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

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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

Reconfiguration of all systems and radio devices in the 800 MHz band.

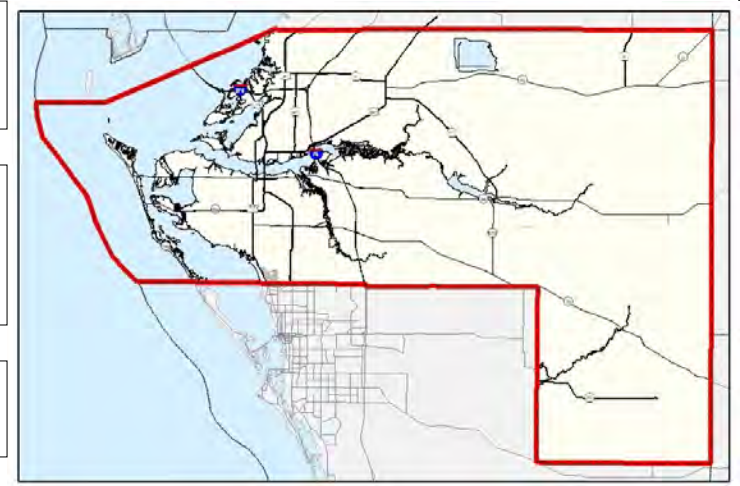
Rationale

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.

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: | 10/01/08 | 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 |

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 | 304,922 |
| Total Funding: | 304,922 |

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

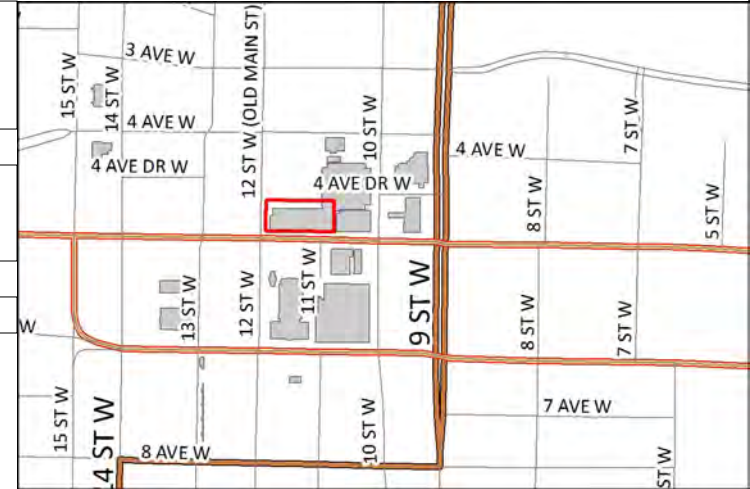
Project Mgr: **John Barnott**

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

Scope

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.

Project Map



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

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.

Project Map



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

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.

Project Map



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

| 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

| | 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 | 678,000 |
| Total Funding: | 678,000 |

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

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.

Project Map



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 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| All Prior Funding | 350,000 |
| Total Funding: | 350,000 |

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

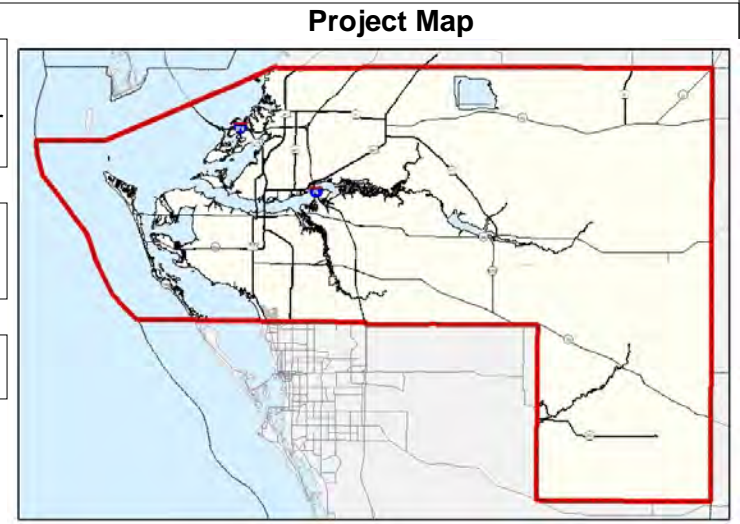
Renovate the Central Library to include cabling, wiring, duct cleaning, bathrooms, signage and fire alarm and sprinklers upgrades and maintenance. Replacement/renovations of study rooms, kitchen, conference rooms, book areas, auditorium flooring, youth areas and labs. Paint the interior and exterior 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



| 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 |

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 | 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.

Project Map



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

| 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

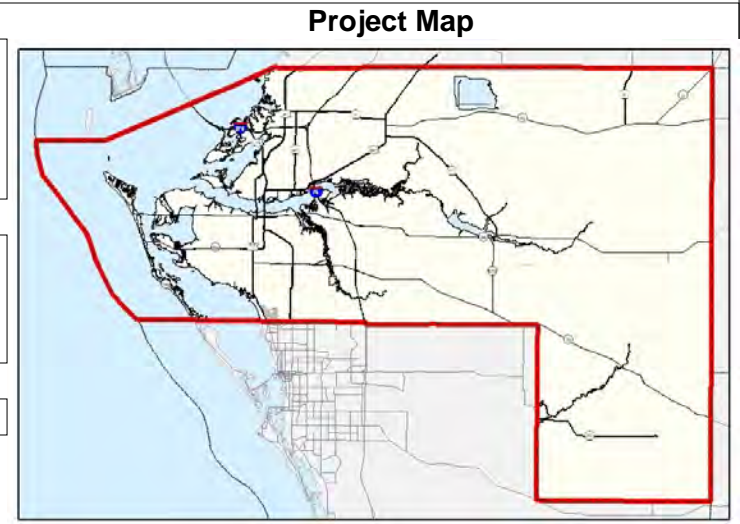
| Funding Sources | Amount |
|--------------------------|----------------|
| Gen Fund/General Revenue | 750,000 |
| Total Funding: | 750,000 |

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

| 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

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.

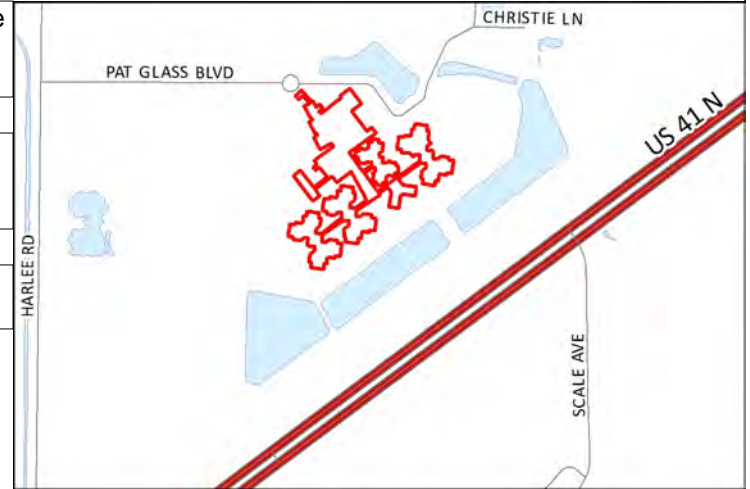
Rationale

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

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: | 05/01/14 | 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.



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

| 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 |

Operating Budget Impacts

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

Means of Financing

| Funding Sources | Amount |
|--------------------------|----------------|
| Gen Fund/General Revenue | 580,000 |
| Total Funding: | 580,000 |

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.

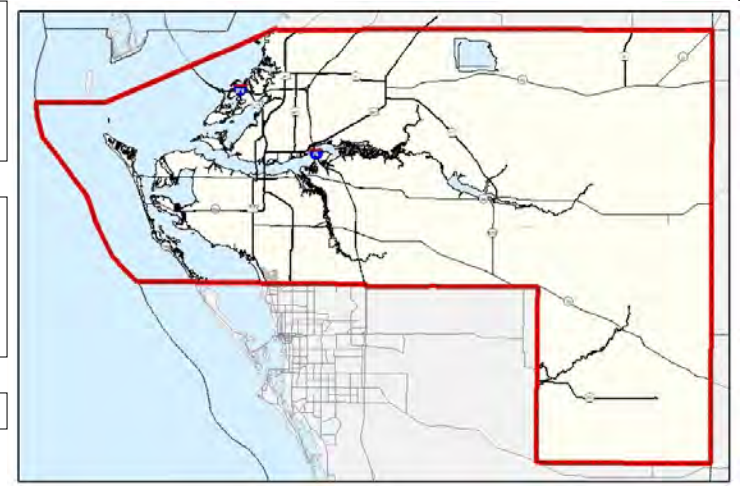
Rationale

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

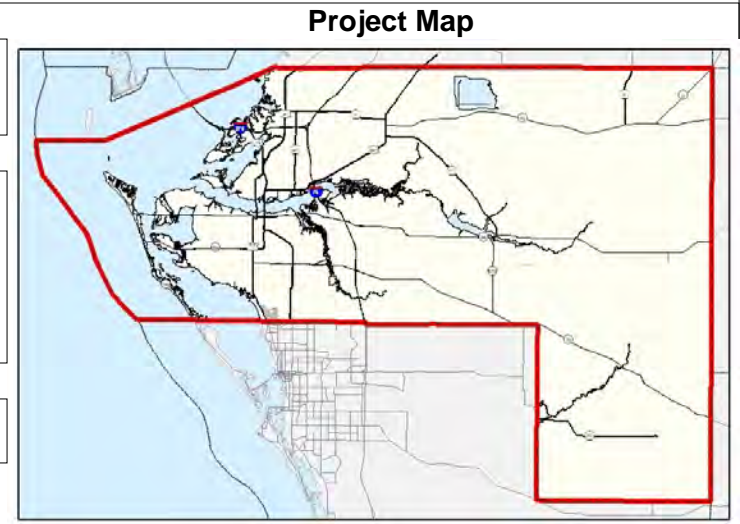
Add Energy Conservation Measures (ECM) to the County Administration Building, the Merrill Lynch Building and the Public Safety Center. ECM's include lighting, water, HVAC, transformers, load controls and meter consolidation.

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 | | | 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 | 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

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

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 | 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

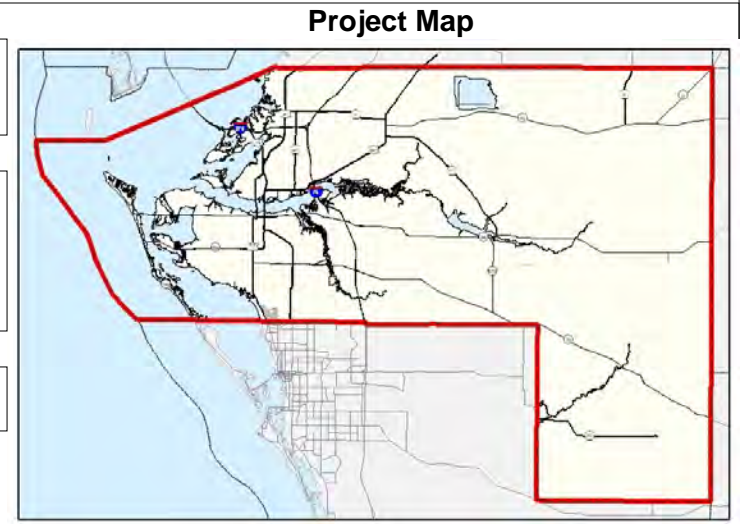
To provide a stand alone 1,000 ton water chiller plant at 323 9th Street West, Bradenton. Cooling towers will be located on the roof, and there will be an additional bay for a future 500 ton water cooled chiller.

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



| 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: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 9,163,113 |
| Total Funding: | 9,163,113 |

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

Replace the three elevators in the County Administration building and replace the two elevators in the adjoining parking garage.

Project Map



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 | | | 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 | 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

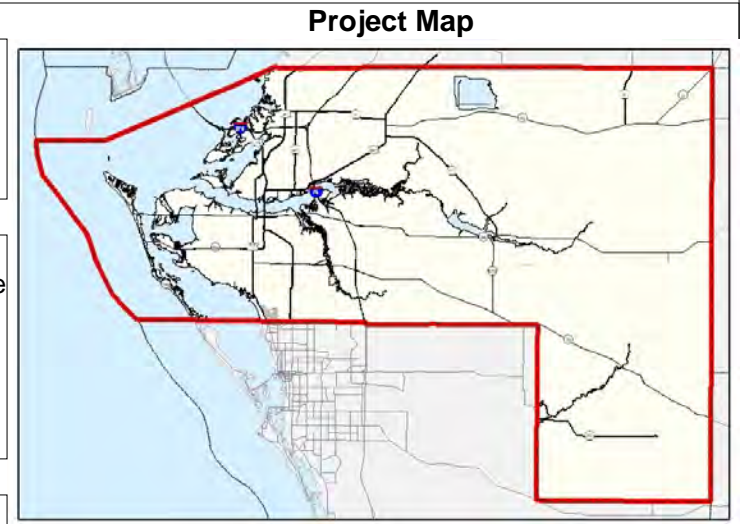
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 974,060 |
| Total Funding: | 974,060 |

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

| 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 | | | | | Means of Financing | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|--------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 60,048 |
| Non-Personal: | | | | | Total Funding: | 60,048 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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

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.

Project Map



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 | 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 | 39,194 | 44,285 | 0 | 0 | 0 | 0 | 0 | 0 | 44,285 |
| 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: | | | 39,194 | 44,285 | 0 | 0 | 0 | 0 | 0 | 0 | 44,285 |

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 | 44,285 |
| Total Funding: | 44,285 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---------------------------|----------------------------|--|
| General Government | Project# 6087002 | Expansion of Fiber Network to South County/Crosley Estate |
|---------------------------|----------------------------|--|

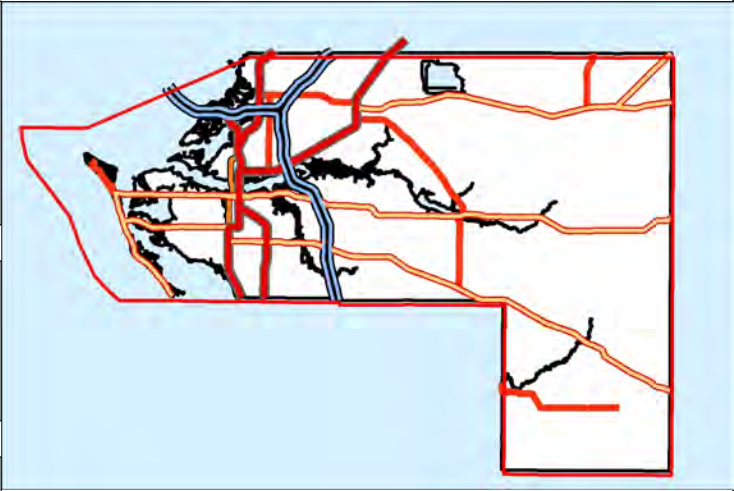
Status: Existing Initial Year: 2014 District 4 Location: South County

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

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 | 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: | 10/01/14 | 09/30/16 | 0 | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 0 | 1,200,000 |
| Project Mgt.: | 10/01/14 | 09/30/16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 0 | 0 | 1,200,000 | 0 | 0 | 0 | 0 | 0 | 1,200,000 |

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 |
|-----------------------|------------------|
| 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 |
| <p>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.</p> | |
| Rationale | |
| <p>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.</p> | |
| 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 | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 60,230 |
| Non-Personal: | | | | | Total Funding: | 60,230 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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 |
| <p>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%.</p> | |
| Rationale | |
| <p>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.</p> | |
| 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 | 2,318,363 | 2,469,824 | 0 | 0 | 0 | 0 | 0 | 0 | 2,469,824 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/13 | 10/31/15 | 46,934 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| Totals: | | | 2,365,297 | 2,519,824 | 0 | 0 | 0 | 0 | 0 | 0 | 2,519,824 |

| | | | | | | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|-----------|
| Operating Budget Impacts | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 2,519,824 |
| Non-Personal: | | | | | Total Funding: | 2,519,824 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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

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.

Project Map



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

| | 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 | 623,166 |
| Total Funding: | 623,166 |

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

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

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: | 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 | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 38,954 |
| Non-Personal: | | | | | Total Funding: | 38,954 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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

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.

Project Map



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

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

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.

Project Map



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 | 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 | 183,754 | 193,425 | 0 | 0 | 0 | 0 | 0 | 0 | 193,425 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/13 | 10/31/15 | 3,705 | 3,900 | 0 | 0 | 0 | 0 | 0 | 0 | 3,900 |
| Totals: | | | 187,459 | 197,325 | 0 | 0 | 0 | 0 | 0 | 0 | 197,325 |

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 | 197,325 |
| Total Funding: | 197,325 |

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

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.

Project Map



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

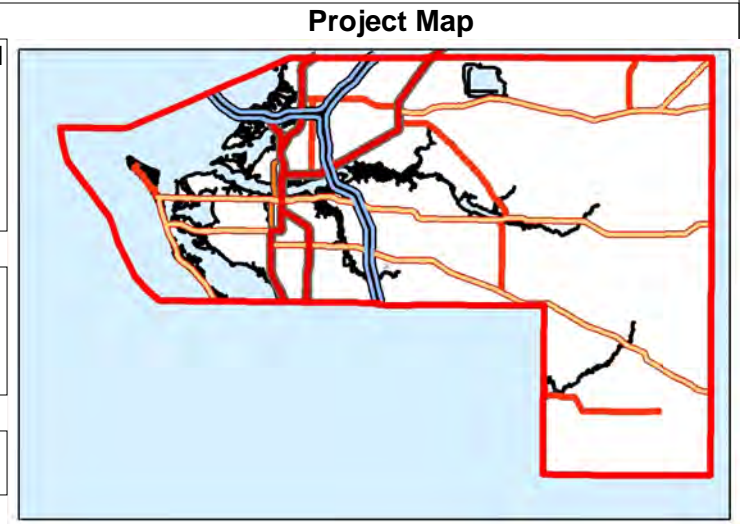
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 197,123 |
| Total Funding: | 197,123 |

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 (ESInet) 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

| 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 | 09/30/19 | 0 | 570,921 | 0 | 5,000,000 | 0 | 0 | 0 | 0 | 5,570,921 |
| Equipment: | 10/01/14 | 09/30/19 | 0 | 429,068 | 0 | 0 | 0 | 0 | 0 | 0 | 429,068 |
| Project Mgt.: | 10/01/14 | 09/30/19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 0 | 999,989 | 0 | 5,000,000 | 0 | 0 | 0 | 0 | 5,999,989 |

Operating Budget Impacts

| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|---------|---------|---------|--------|
| Personal: | | | | |
| Non-Personal: | 750,000 | 750,000 | 750,000 | 0 |
| Operating Capital: | | | | |
| Operating Total: | 750,000 | 750,000 | 750,000 | 0 |
| No.of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 999,989 |
| Debt Proceeds | 4,500,000 |
| Grants | 500,000 |
| 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**

Scope

Replace current emergency radio system, including radio towers and equipment to support radio communications for Public Safety, Public Works, Utilities, Manatee County Sheriff's Office, Fire Departments, Port Manatee, and other municipal and emergency related agencies.

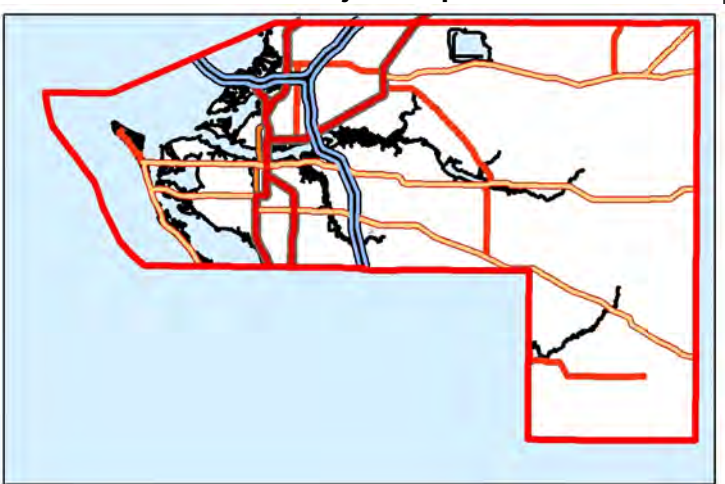
Rationale

Current radio technology and regulation by the FCC has made much of the existing system obsolete with most of the current equipment not able to operate in the new environment. This is a joint venture with Sarasota County to create a system with current technology with improved service provision throughout the two counties.

Funding Strategy

Debt Proceeds

Project Map



| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | 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 |

Operating Budget Impacts

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

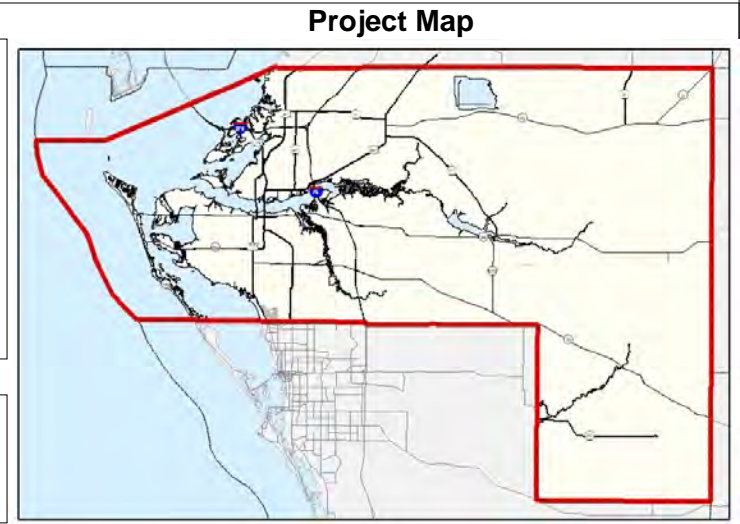
| Means of Financing | |
|---------------------------|-------------------|
| Funding Sources | Amount |
| All Prior Funding | 15,000,000 |
| Total Funding: | 15,000,000 |

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

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

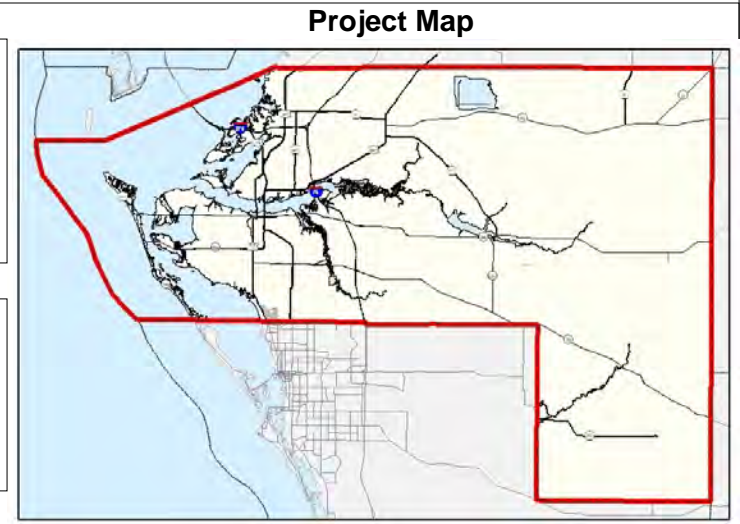
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 1,492,112 |
| Total Funding: | 1,492,112 |

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

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 |
| 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# 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



Rationale

The current space configuration creates many oversized and/or unusable spaces. Aisle widths and storage areas cannot be used to full capacity. Renovation will allow more effective use of the space.

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 | 100,496 | 287,800 | 0 | 0 | 0 | 0 | 0 | 0 | 287,800 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 04/01/14 | 09/30/16 | 161,940 | 413,500 | 92,150 | 0 | 0 | 0 | 0 | 0 | 505,650 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/13 | 09/30/16 | 45,150 | 13,500 | 4,850 | 0 | 0 | 0 | 0 | 0 | 18,350 |
| Totals: | | | 307,586 | 714,800 | 97,000 | 0 | 0 | 0 | 0 | 0 | 811,800 |

Operating Budget Impacts

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

Means of Financing

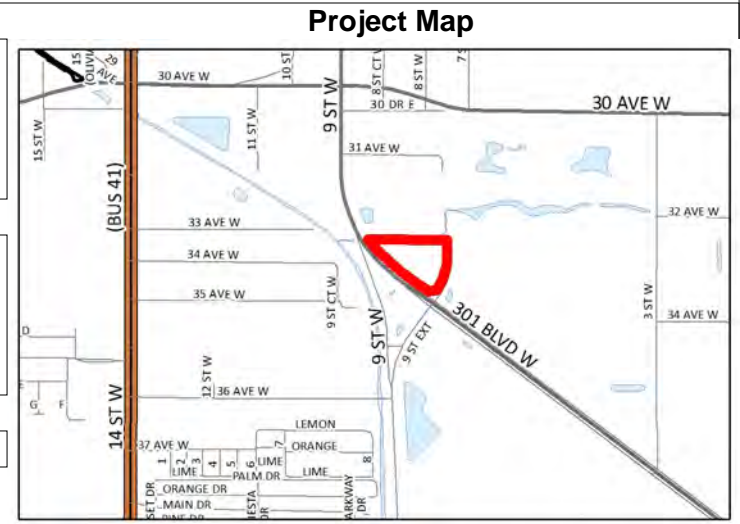
| Funding Sources | Amount |
|--------------------------|----------------|
| All Prior Funding | 714,800 |
| Gen Fund/General Revenue | 97,000 |
| Total Funding: | 811,800 |

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.



Rationale

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

Funding Strategy

Debt Proceeds

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|------------------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| 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

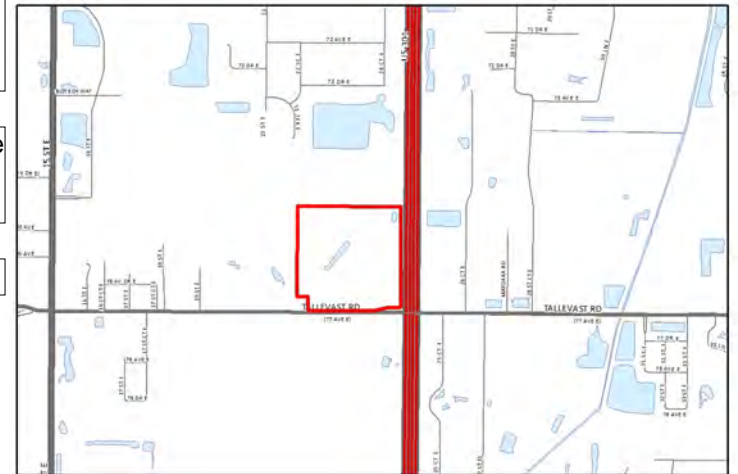
Project Mgr: **Tom Yarger**

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.

Project Map



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

| 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.

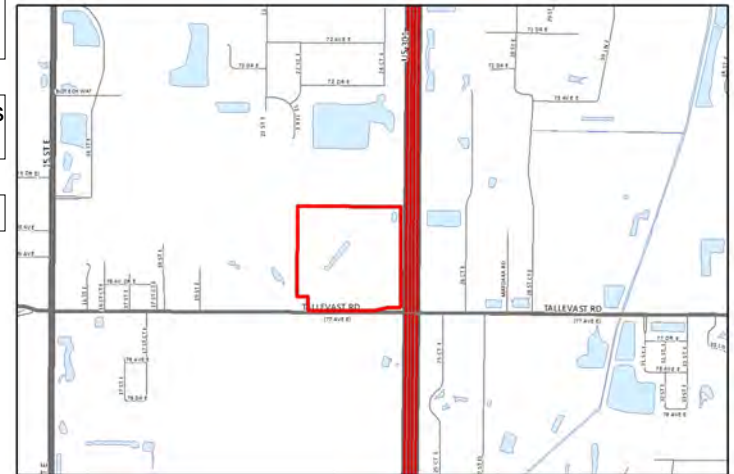
Rationale

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.

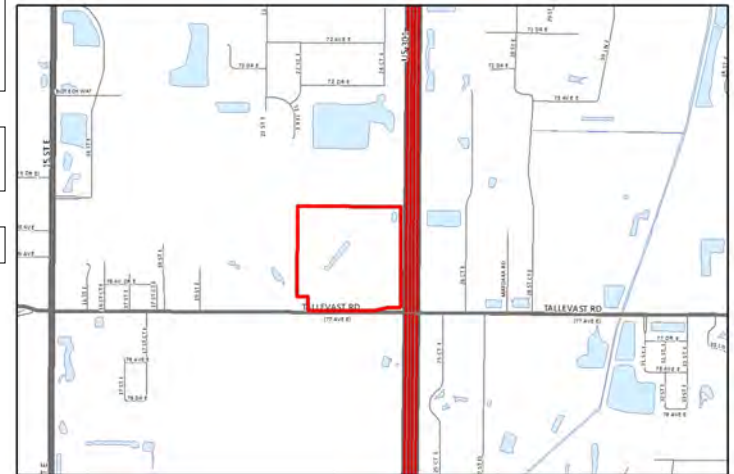
Rationale

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 | | | Programmed Funding | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|------------------|
| | | | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future |
| Activity | From | To | | | | | | | | |
| Design: | 01/01/14 | 09/01/14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | | | 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 | 1,571,618 |
| Equipment: | | | 2,006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 08/17/12 | 08/01/16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 303,571 | 1,571,618 | 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.

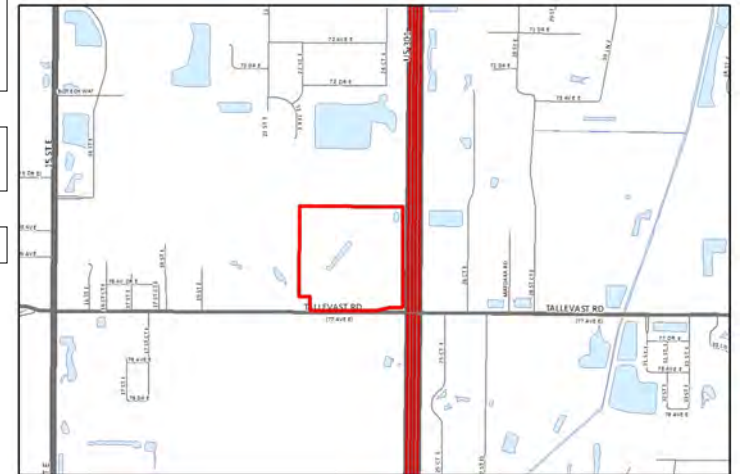
Rationale

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.

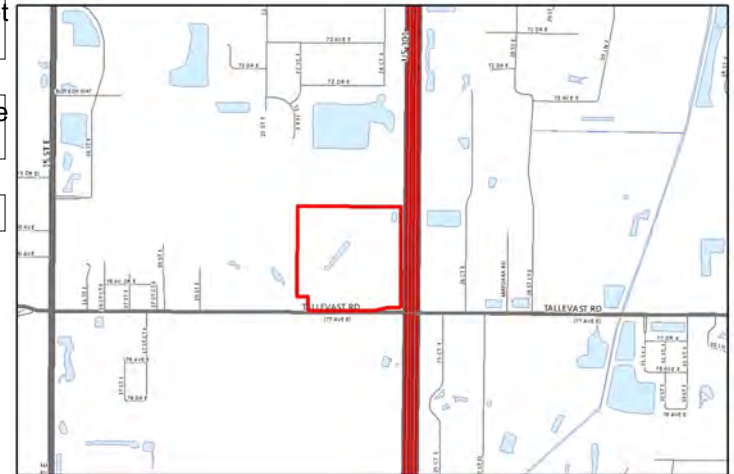
Rationale

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 | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------------|
| | | | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future |
| Activity | From | To | | | | | | | | |
| Design: | 08/17/12 | 08/01/16 | 78,164 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 08/17/12 | 08/01/16 | 119,048 | 248,760 | 0 | 0 | 0 | 0 | 0 | 248,760 |
| Equipment: | | | 12,753 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 08/17/12 | 08/01/16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 209,965 | 248,760 | 0 | 0 | 0 | 0 | 0 | 248,760 |

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 | 248,760 |
| Total Funding: | 248,760 |

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

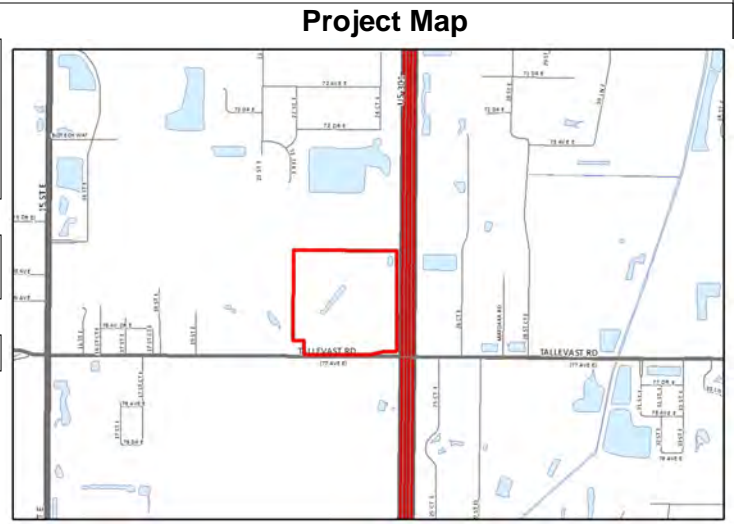
A new 22,250 square foot pre-engineered metal building with a wall cladding of masonry and metal wall panels and a metal roof. To include five pairs of maintenance bays, which will allow for a width of two buses end to end in the bays with clearance on the perimeter and down the center for staff and support vehicles. Building will also include support space for parts, tire shop, lube room and an electronics shop.

Rationale

As a part of the new Fleet/Transit facility, provide maintenance building to accomodate larger buses and other equipment, and to provide safer, more efficient work spaces in an enhanced environment.

Funding Strategy

Federal Transit Administration Grant



| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | 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

| | 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 | 1,000,000 |
| 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

| 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

| | 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

| | | |
|---|----------------------------|---|
| 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

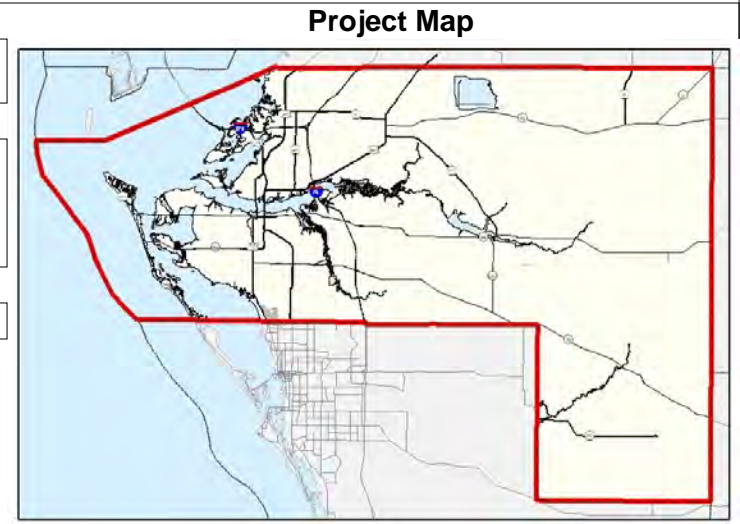
Replacement of existing county telecommunications equipment with new Voice over Internet Protocol (VoIP) technology.

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



| 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# | Anna Maria Island Beach Nourishment |
| Beaches/Waterways | 6003407 | |
| Status: Existing Initial Year: 2012 District 3 Location: Anna Maria Island | | |
| Comprehensive Plan Information | | Project Mgr: Charlie Hunsicker |
| CIE Project: No LOS/Concurrency: No Plan Reference: | | Project Need: Maintenance |

Scope

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.

Project Map



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

Complete beautification at entrance and parking/bus/trolley area. Landscaping includes trees and shrubs as described in design.

Project Map



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

Add a playground with swings, spring animals, climbers and benches.

Project Map



Rationale

Playgrounds are outdated and there is a large number of people using the beaches.

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.

Project Map



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

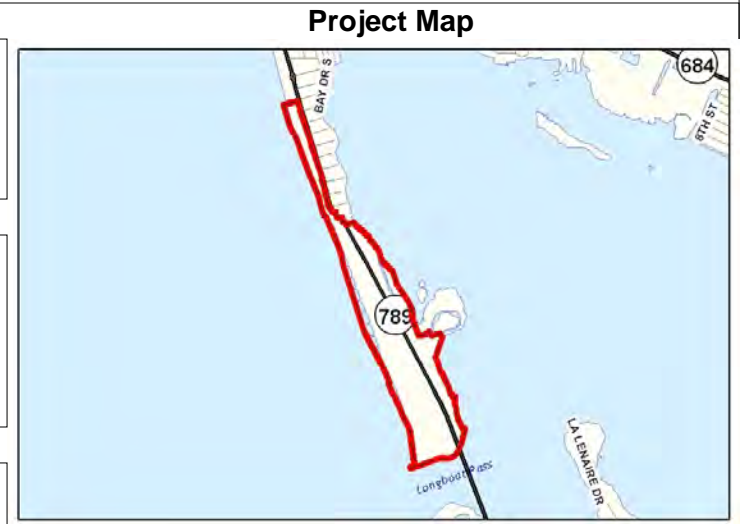
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 165,500 |
| Total Funding: | 165,500 |

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

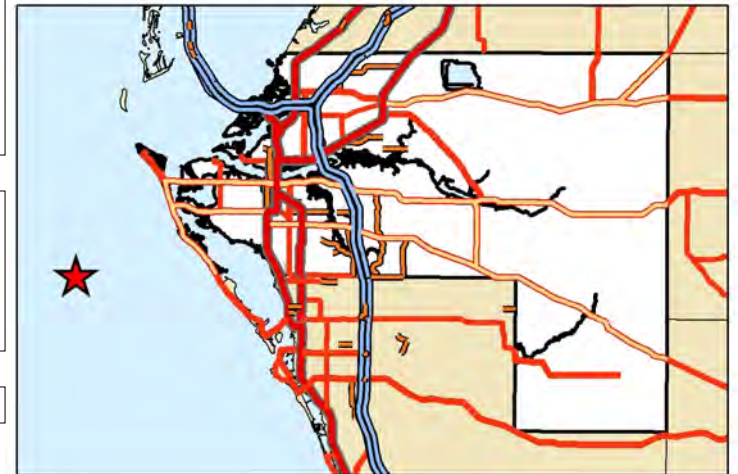
Project Mgr: **Charlie Hunsicker**

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

Scope

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.

Project Map



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

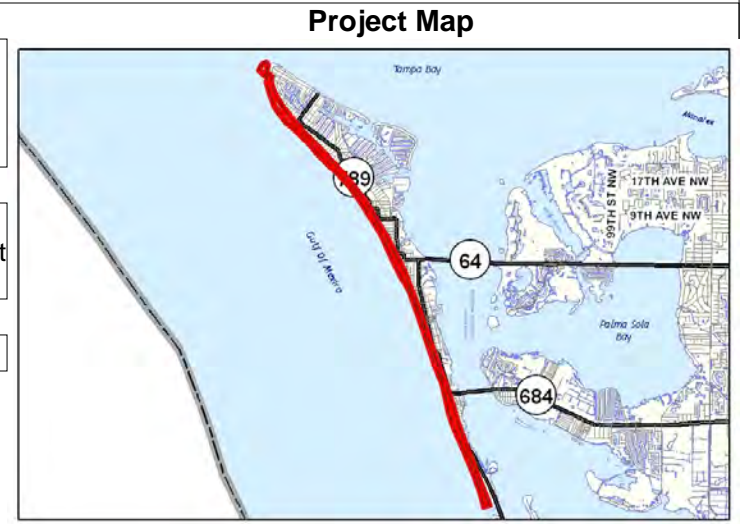
Extraction of 400,000 cubic yards of sand from the area impacted by the proposed Port Dolphin natural gas pipeline in the Gulf. Placement of approximately 200,000 cubic yards on the City of Anna Maria beaches (North Shore Drive area). Placement of approximately 200,000 cubic yards to replenish the permitted 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

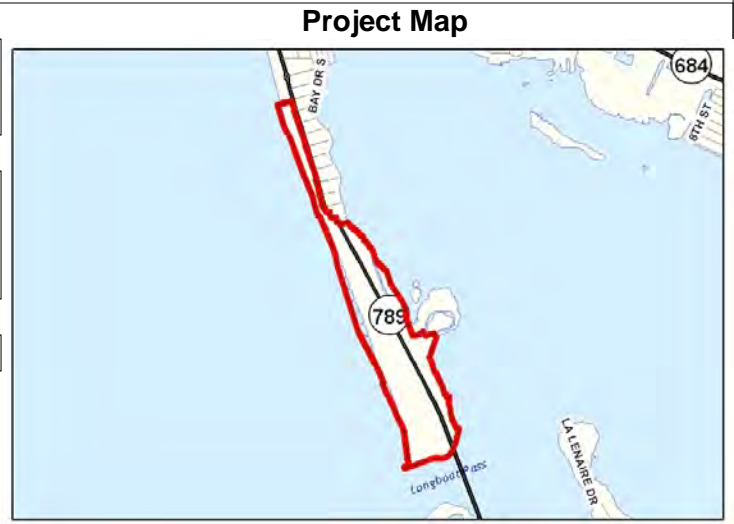
Reconfigure, expand and pave existing parking lot, replace seawall, ramp and docks, add launch lanes, perform maintenance dredging of the access channel, construct a pavilion restroom building, and install security lighting.

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



| 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

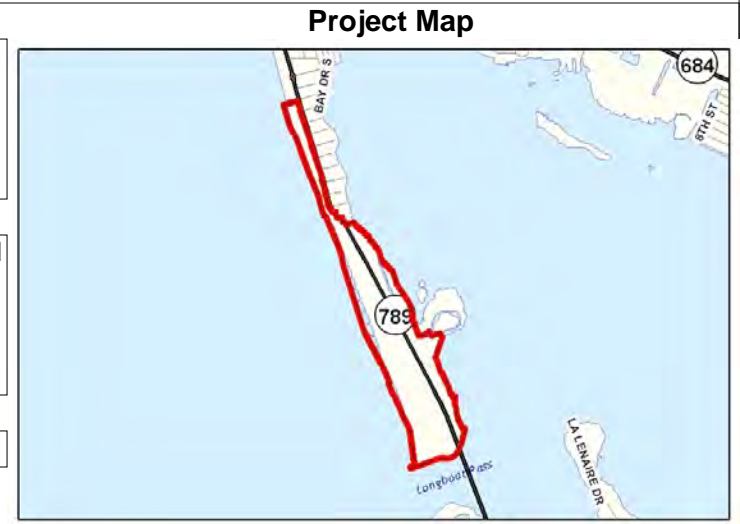
| Funding Sources | Amount |
|---|------------------|
| All Prior Funding | 226,000 |
| West Coast Inland Navigational District | 1,400,000 |
| Total Funding: | 1,626,000 |

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

| 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

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.

Project Map



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

Renovation of boat ramp and parking lot at Jiggs Landing.

Project Map



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

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.

Project Map



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. | Programmed Funding | | | | | Appropriated to Date | |
|----------------|----------|----------|------------------|--------------------|--------------------|----------|------------------|----------|----------|----------------------|------------------|
| | | | | | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | | Future |
| 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

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.

Project Map



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

| | 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 | 500,000 |
| Total Funding: | 500,000 |

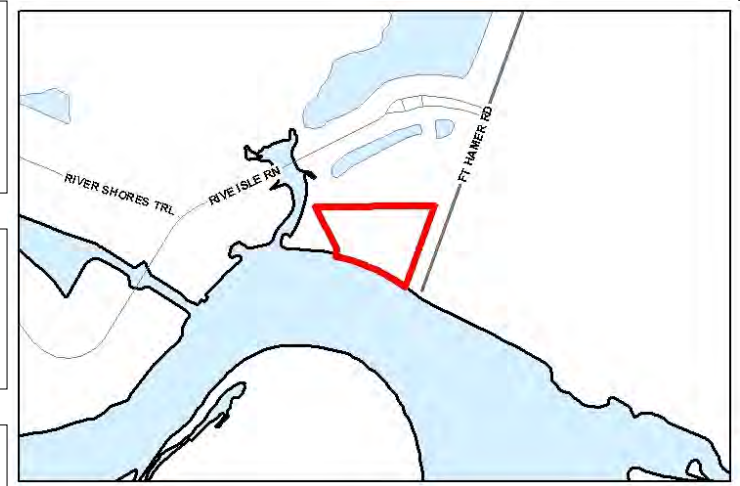
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------------------|--|
| 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.

Project Map



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

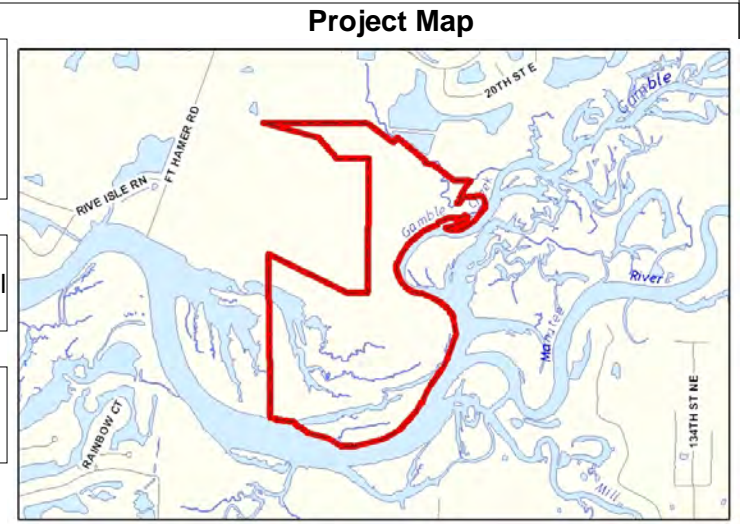
Development/construction to include restoration of drainage ditches, landscaping and irrigation, utilities, entry and circulation road, entrance sign, parking, pavilions, fishing/observation pier, interpretive signs, site amenities, nature trail, pavilion/restroom, exotic plant removal and enhancement 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

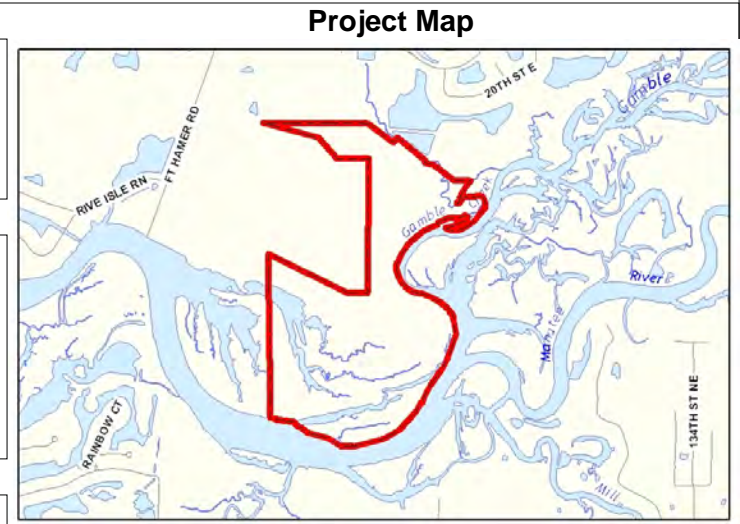
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 1,300,000 |
| Total Funding: | 1,300,000 |

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

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

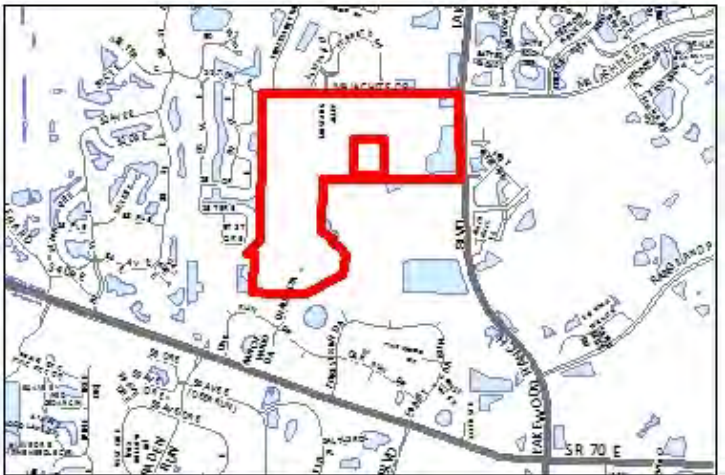
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 709,500 |
| Grants | 1,500,000 |
| Total Funding: | 2,209,500 |

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 |

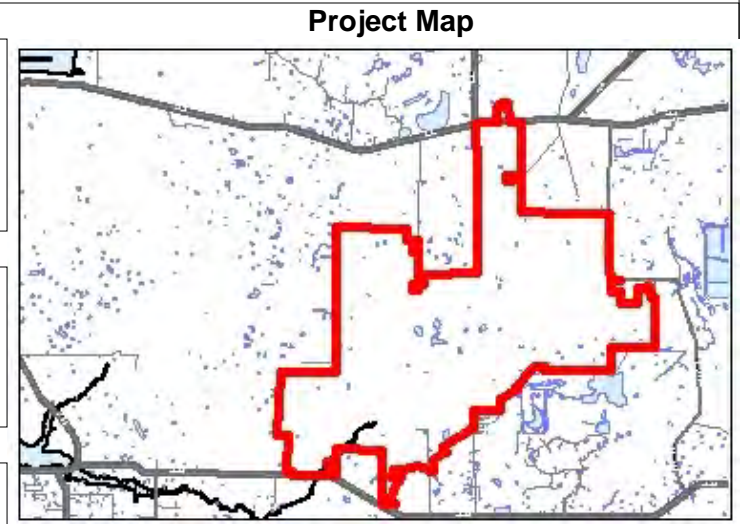
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| Impact Fees | 450,000 |
| Total Funding: | 450,000 |

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

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

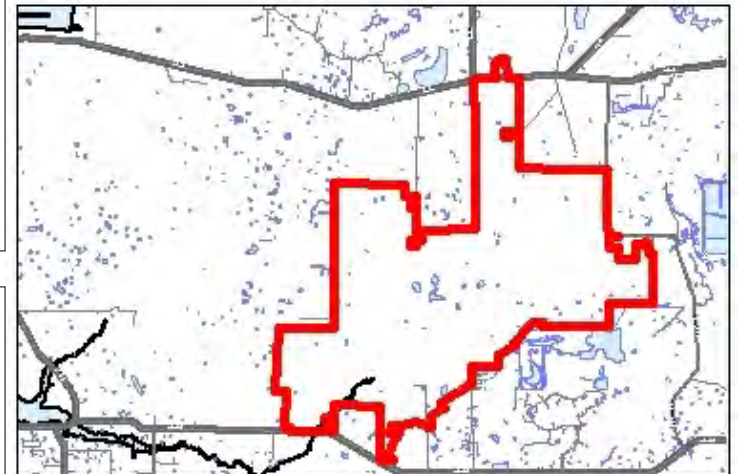
Project Mgr: **Charlie Hunsicker**

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

Scope

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.

Project Map



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

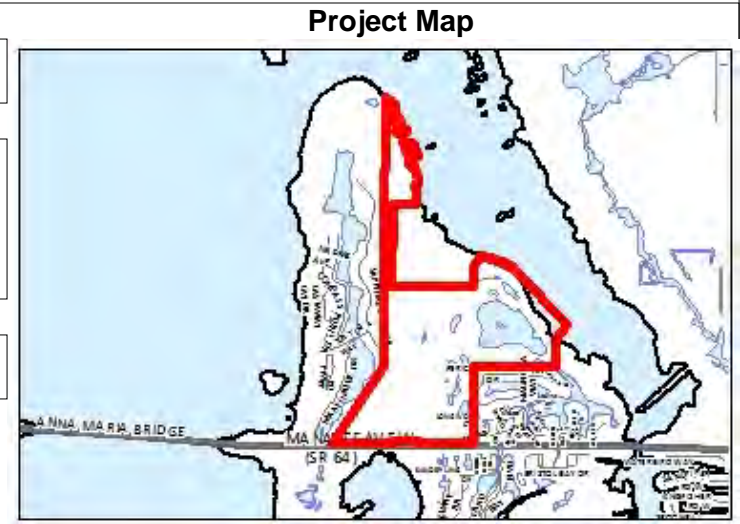
Create an approximate 15 acre seagrass mitigation area with access trail and boardwalk at the Perico Preserve on land owned by Manatee County.

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



| 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

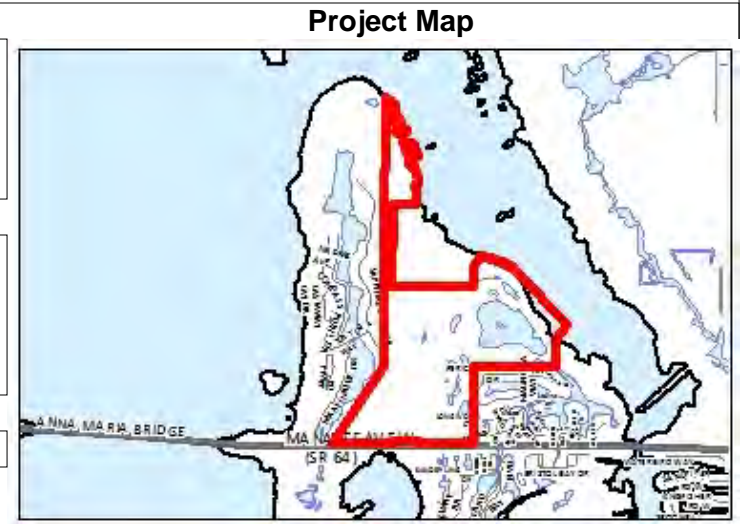
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 1,866,436 |
| Total Funding: | 1,866,436 |

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

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

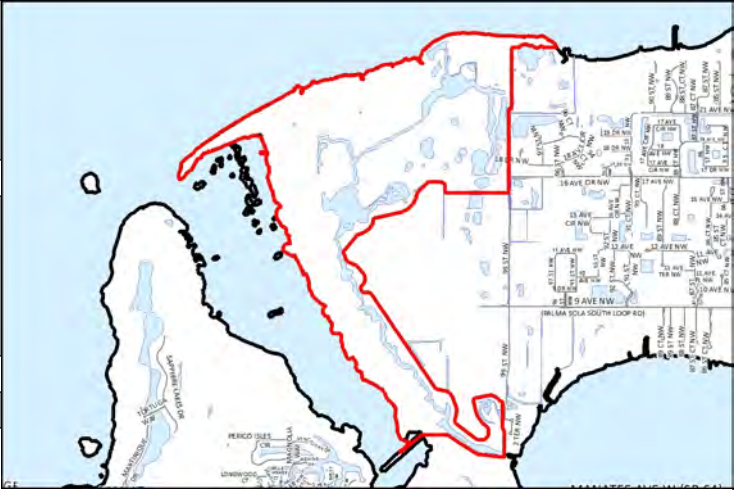
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | 5,000 | 5,000 | 5,000 | 5,000 |
| Operating Capital: | | | | |
| Operating Total: | 5,000 | 5,000 | 5,000 | 5,000 |
| No. of Positions: | 0 | 0 | 0 | 0 |

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.

Project Map



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

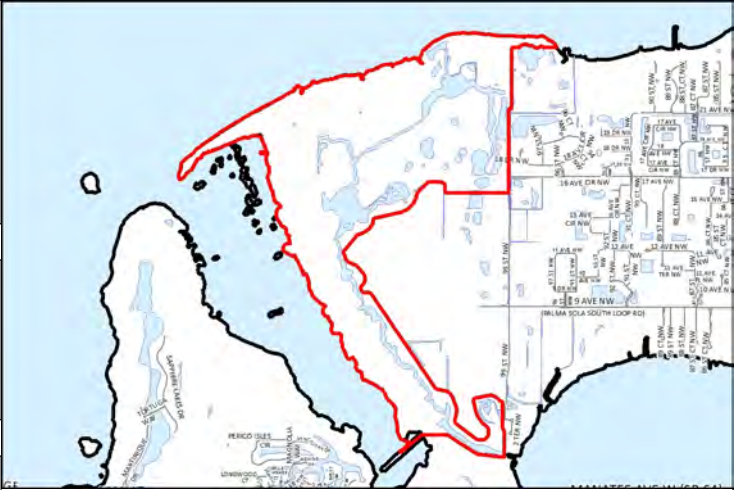
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

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 |

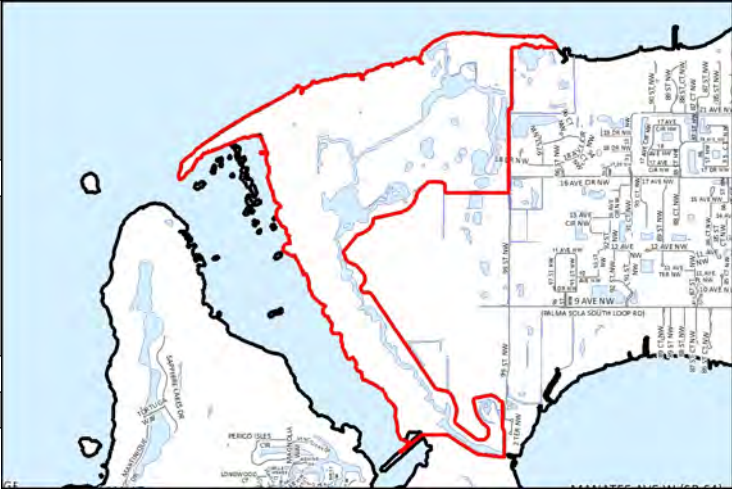
Operating Budget Impacts

| | 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

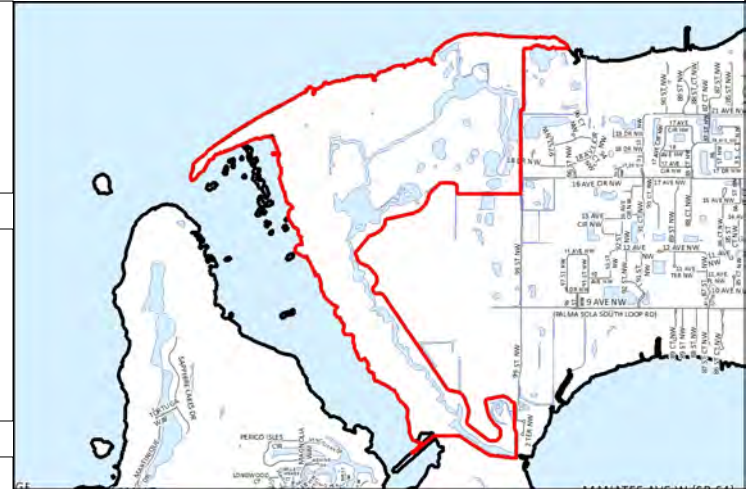
Project Mgr: **Tom Yarger**

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.

Project Map



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

Schedule of Activities

Programmed Funding

| Activity | From | To | Expended to Date | Prior Year Approp. | Programmed Funding | | | | | Future | Appropriated to Date |
|----------------|----------|----------|------------------|--------------------|--------------------|--------|--------|--------|--------|--------|----------------------|
| | | | | | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | | |
| 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

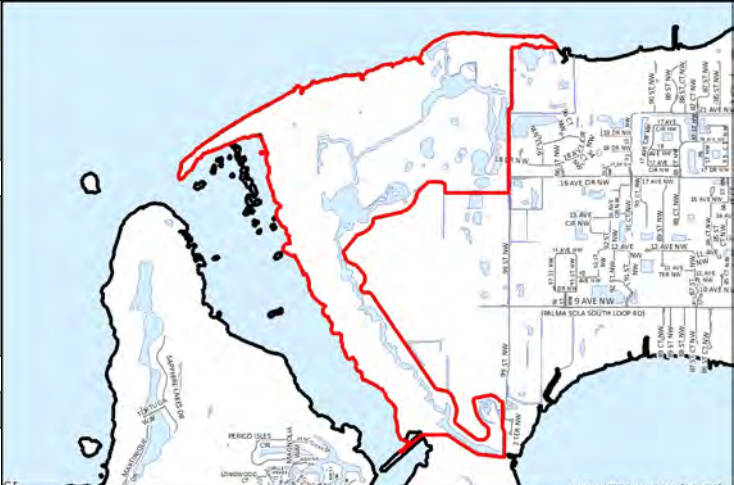
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 |

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

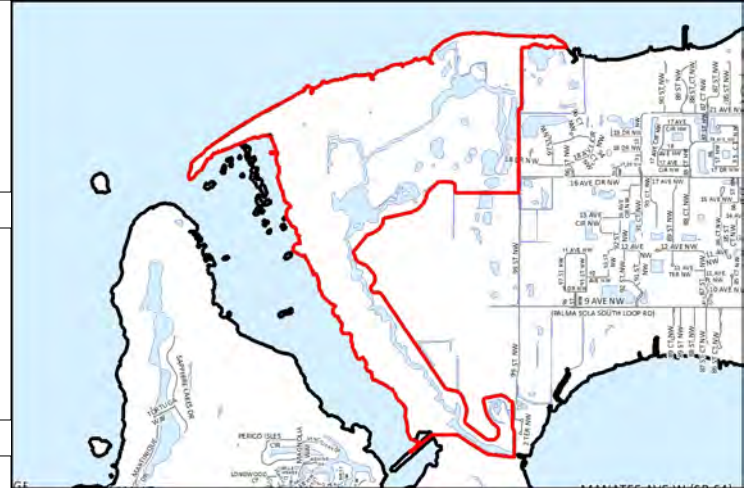
Project Mgr: **Tom Yarger**

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

Scope

Construction of recreational trails including a 1.6 mile, 12' wide rubberized surface trail with benches, boardwalks and bridges.

Project Map



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. | Programmed Funding | | | | | Appropriated to Date | |
|----------------|----------|----------|------------------|--------------------|--------------------|----------|----------|----------|----------|----------------------|------------------|
| | | | | | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | | Future |
| 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

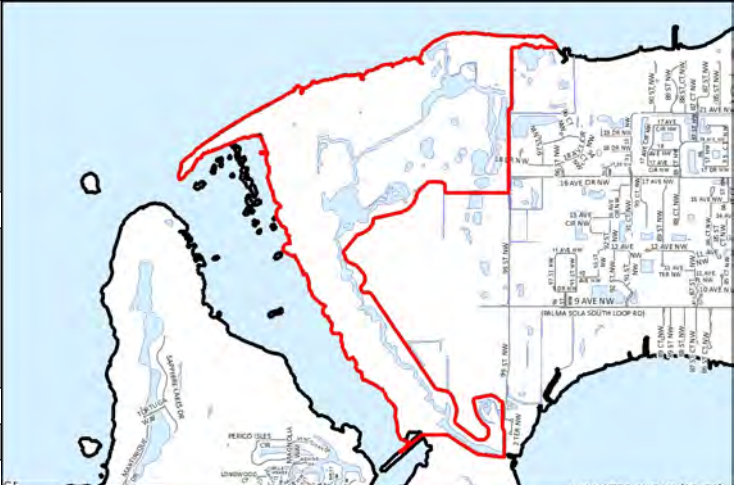
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 |

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 | Project Map |
| 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. |  |
| 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 |

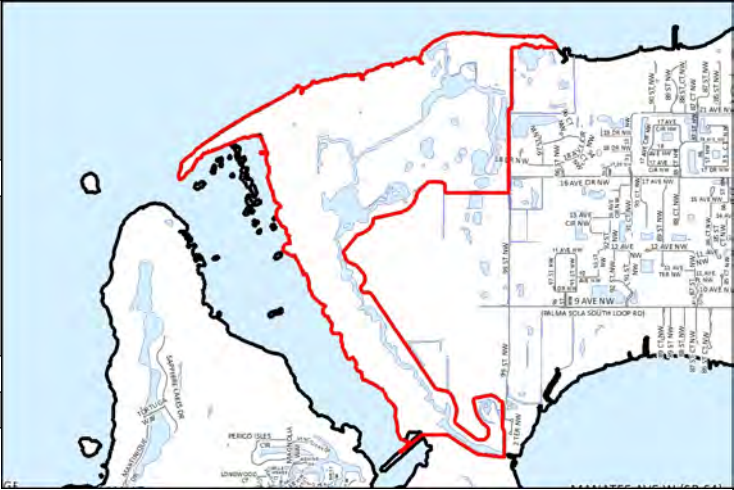
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--------------------------------------|----------------|--|
| 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

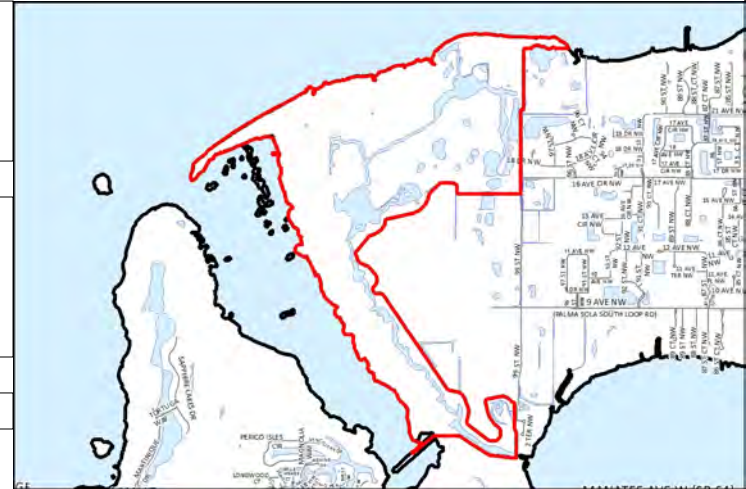
Comprehensive Plan Information Project Mgr: **Tom Yarger**

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 |

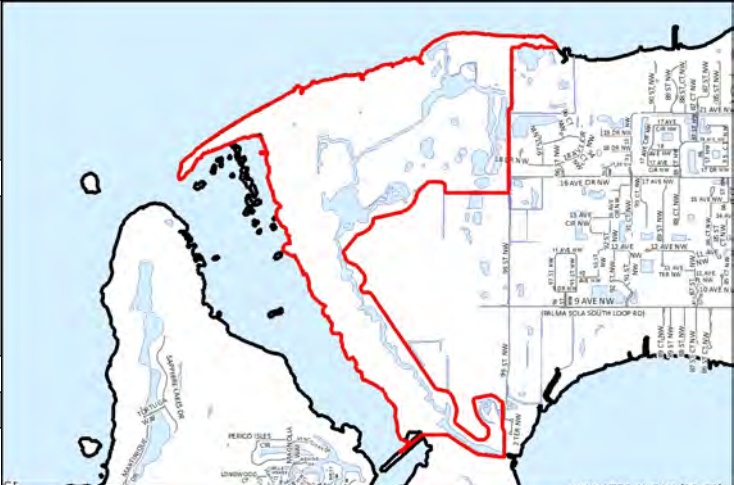
Operating Budget Impacts

| | 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

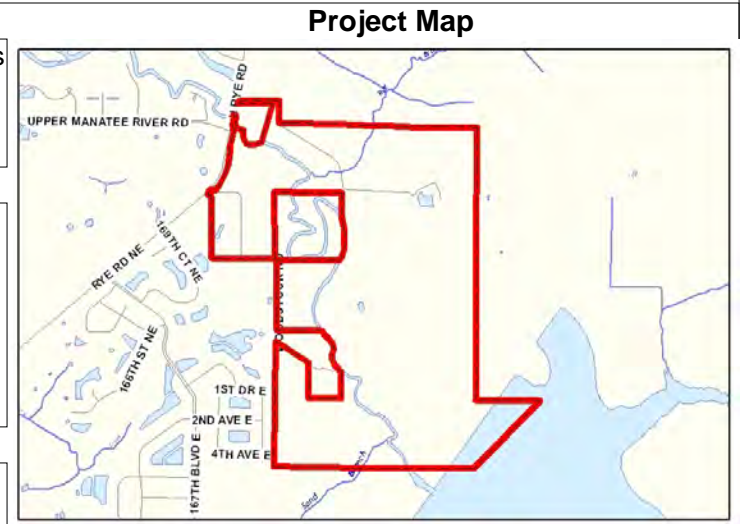
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 200,000 |
| Total Funding: | 200,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------------------|--|
| Parks & Natural Resources | Project# | Rye Preserve Environmental Center |
| Preserves | 6068501 | |
| 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

| 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 |

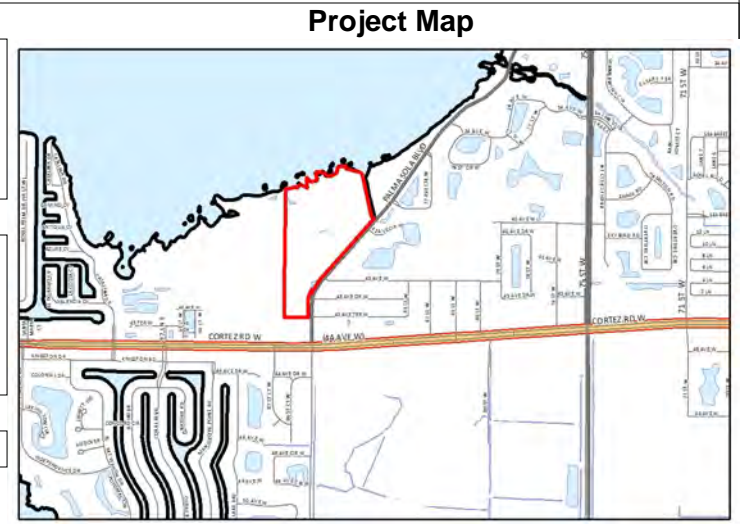
| Operating Budget Impacts | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|---------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 327,000 |
| Non-Personal: | | | | | Total Funding: | 327,000 |
| 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# | 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

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

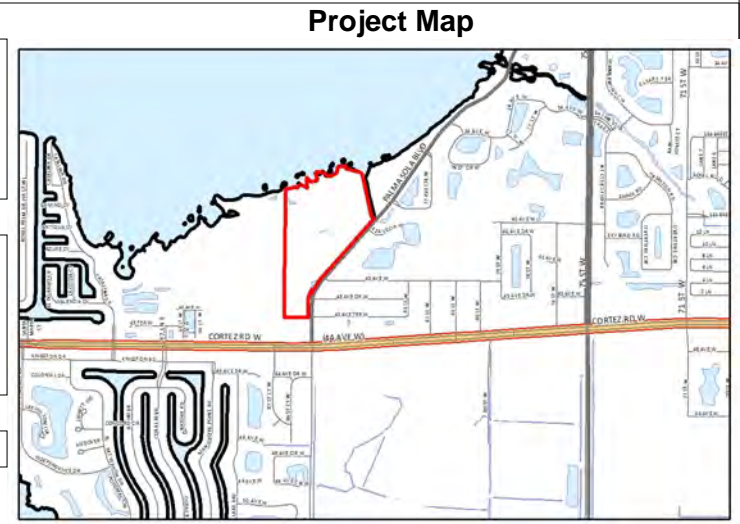
| Funding Sources | Amount |
|-----------------------|---------------|
| All Prior Funding | 58,290 |
| Total Funding: | 58,290 |

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

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 |

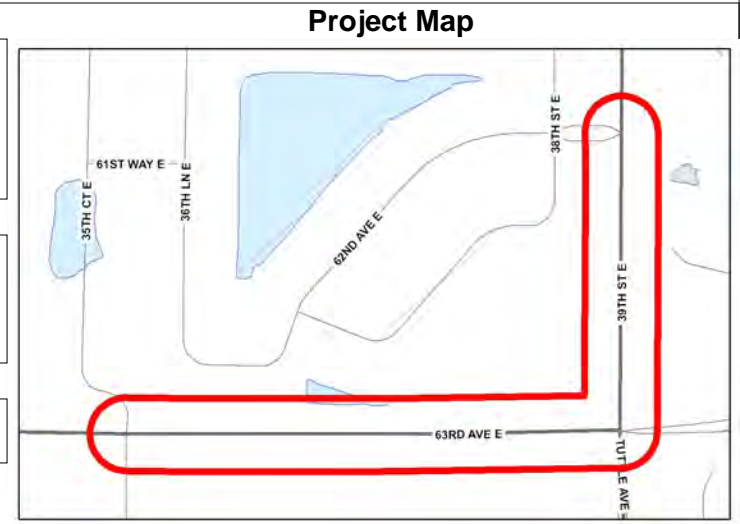


MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|---|
| 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

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

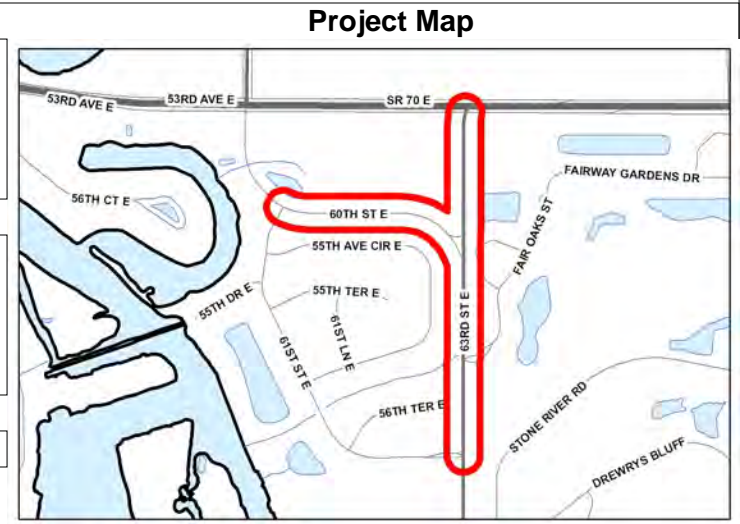
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 67,000 |
| Rates | 624,000 |
| Total Funding: | 691,000 |

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

| 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

Complete a looped system with 6,100 feet of 6 inch water main. Hydrants, services and valves will be installed to county and Ten State Standards.

Rationale

To provide fire protection and increase water quality to Country Club Heights.

Funding Strategy

Utility Rates

Project Map



| Schedule of Activities | | | 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

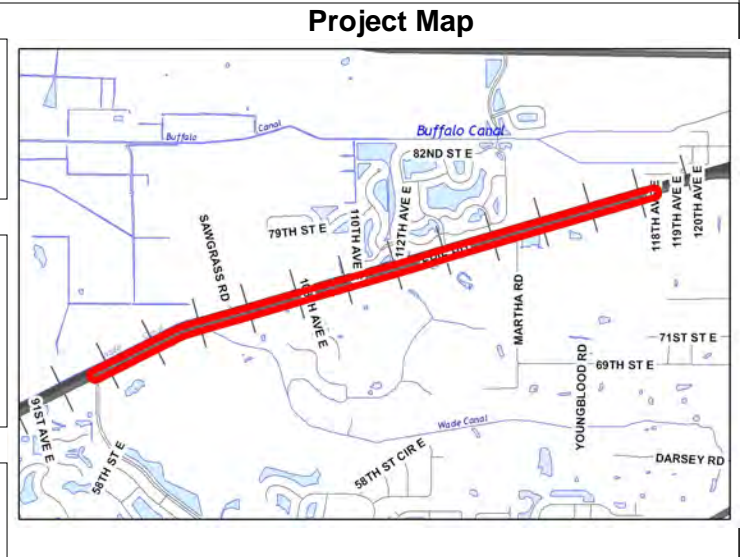
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

| 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 |



| 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 | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | Debt Proceeds | 1,000,000 |
| Non-Personal: | | | | | Rates | 2,268,000 |
| Operating Capital: | | | | | Total Funding: | 3,268,000 |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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.

Project Map



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

Schedule of Activities

Programmed Funding

| Activity | From | To | Expended to Date | Prior Year Approp. | Programmed Funding | | | | | Future | Appropriated to Date |
|----------------|----------|----------|------------------|--------------------|--------------------|----------|----------|----------|----------|----------|----------------------|
| | | | | | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | | |
| 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

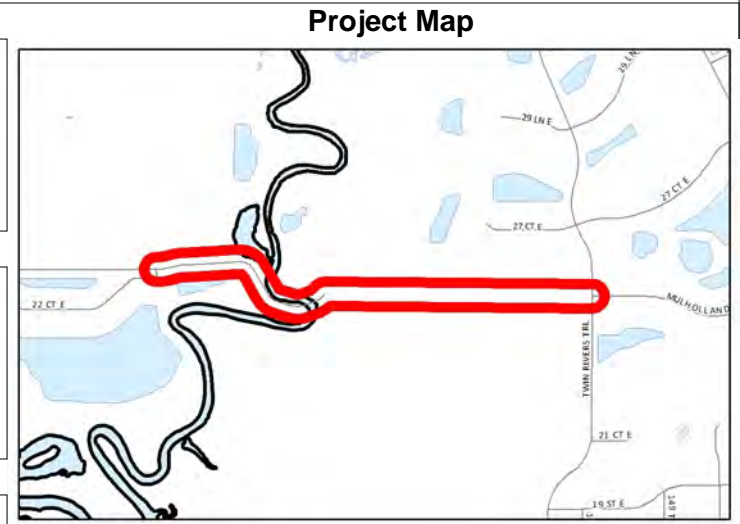
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 5,170,000 |
| Total Funding: | 5,170,000 |

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

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

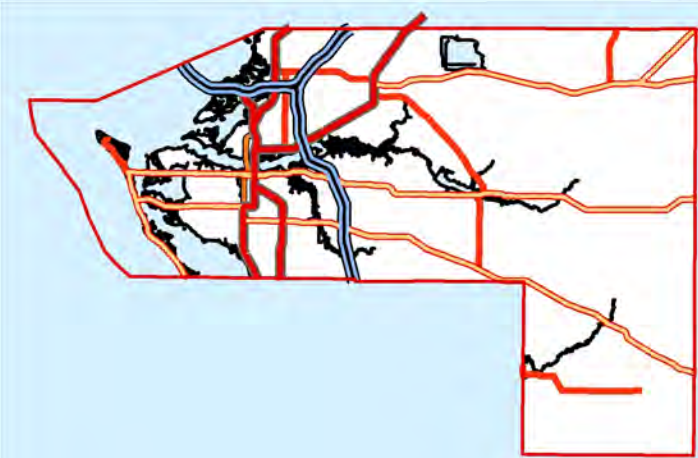
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

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

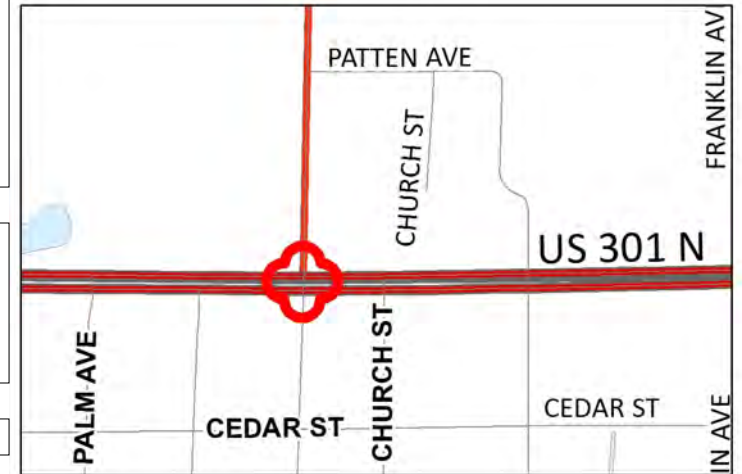
Project Mgr: **Kent Bontrager**

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.

Project Map



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

| 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

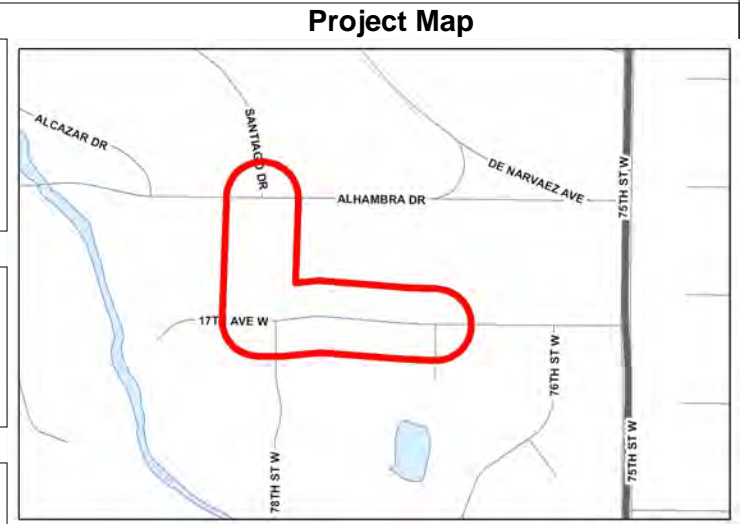
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 230,000 |
| Total Funding: | 230,000 |

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

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 |

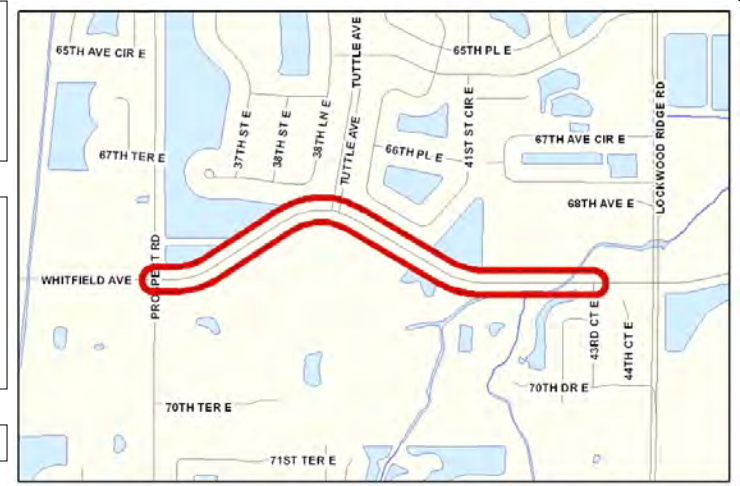
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------------------|--|
| Potable Water | Project# | Whitfield Avenue / Lockwood Ridge to Prospect - 16 Inch |
| Potable Water Distribution | 6040970 | Water |
| 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

Installation of a 16 inch water main.

Project Map



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 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|--|
| Potable Water | Project# | 64th Avenue, 65th Avenue Drive, Winter Garden Drive |
| Potable Water Renewal/Replacement | PW01212 | |
| Status: Requested Initial Year: 2019 District 4 Location: 64th Avenue, 65th Avenue Drive, Winter Garden Drive | | |
| Comprehensive Plan Information | | Project Mgr: Jeff Streitmatter |
| CIE Project: No | LOS/Concurrency: No | Plan Reference: |
| | | Project Need: Maintenance |

| | |
|---|--------------------|
| Scope | Project Map |
| Replace existing water main on easements and relocate to front of property. Install approximately 6,000 linear feet of 6 inch water main and install/replace four fire hydrants, 11 gate valves and other services to county and Ten State Standards. | |
| Rationale | |
| End of service life replacement, will increase water quality and fire protection. | |
| Funding Strategy | |
| Utility Rates | |

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|--------|--------|---------|--------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/18 | 03/31/19 | 0 | 0 | 0 | 0 | 0 | 128,500 | 0 | 0 | 128,500 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 04/01/19 | 09/30/19 | 0 | 0 | 0 | 0 | 0 | 736,000 | 0 | 0 | 736,000 |
| 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 | 864,500 | 0 | 0 | 864,500 |

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 | 864,500 |
| Total Funding: | 864,500 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

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

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

Comprehensive Plan Information

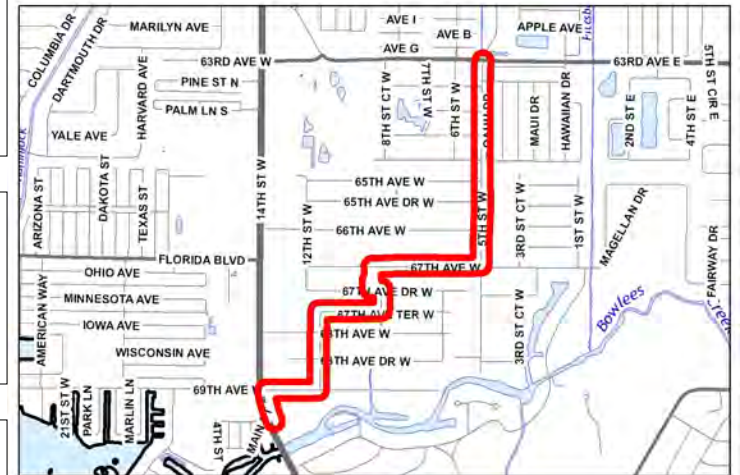
Project Mgr: **Jeff Streitmatter**

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|---------|-----------|--------|--------|--------|--------|----------------------|
| 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 | 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

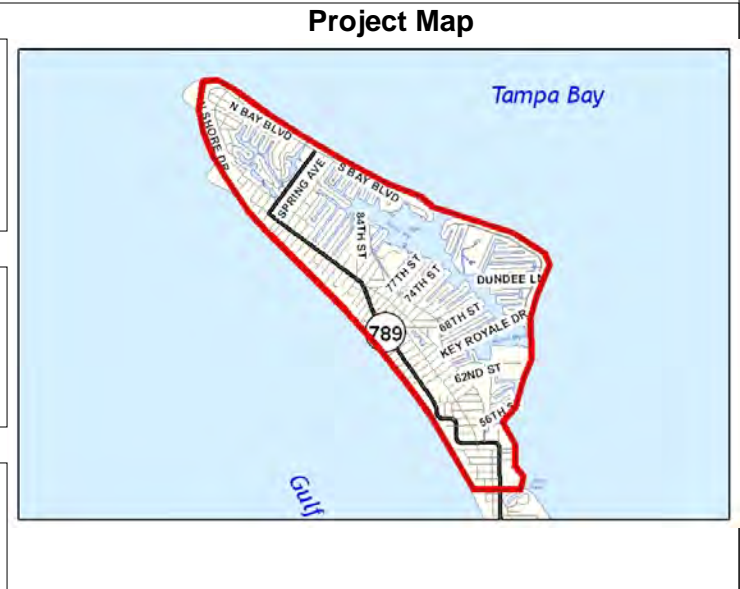
| Funding Sources | Amount |
|-----------------------|------------------|
| Rates | 1,317,000 |
| Total Funding: | 1,317,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------|---|
| Potable Water | Project# | Anna Maria Water Line Improvements |
| Potable Water Renewal/Replacement | 6002870 | |
| 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

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

| 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 |

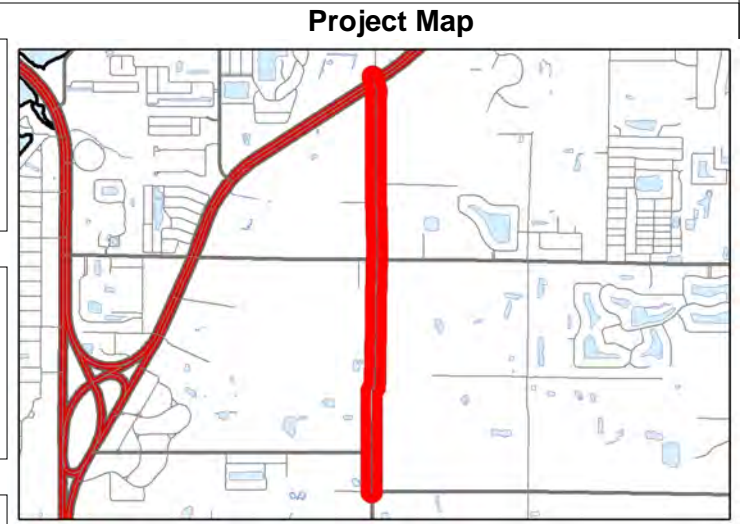
| Operating Budget Impacts | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|------------------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 3,558,652 |
| Non-Personal: | | | | | Rates | 1,250,000 |
| Operating Capital: | | | | | Total Funding: | 4,808,652 |
| Operating Total: | | | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|--|
| Potable Water | Project# | Canal Road Water Main Replacement |
| Potable Water Renewal/Replacement | 6067370 | |
| Status: Existing Initial Year: 2014 District 2 Location: Canal Road 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

| 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

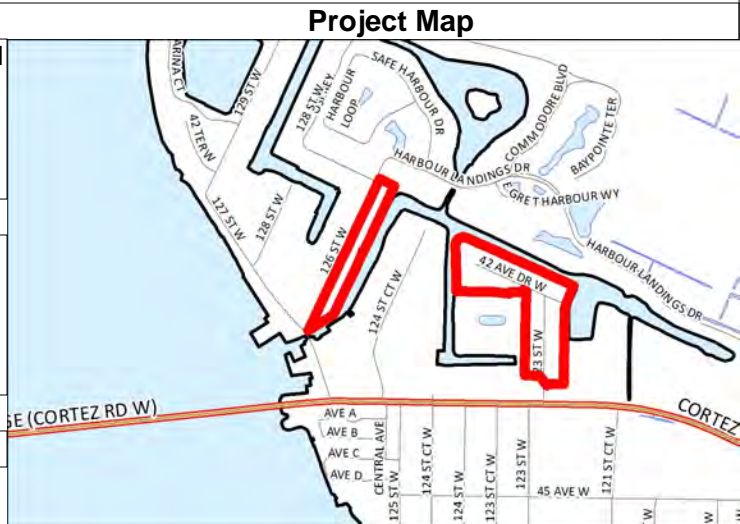
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 244,000 |
| Rates | 1,376,000 |
| Total Funding: | 1,620,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------------------|--|
| 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

Replace approximately 1,000 linear feet of existing 2 inch main, one fire hydrant, 3 gate valves, and 10 replaced services to county and Ten State Standards.



Rationale

End of service life replacement, will increase water quality and add fire protection.

Funding Strategy

Utility Rates

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|---------|--------|--------|--------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/16 | 03/31/17 | 0 | 0 | 0 | 55,000 | 0 | 0 | 0 | 0 | 55,000 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 04/01/17 | 09/30/17 | 0 | 0 | 0 | 313,500 | 0 | 0 | 0 | 0 | 313,500 |
| 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 | 368,500 | 0 | 0 | 0 | 0 | 368,500 |

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 | 368,500 |
| Total Funding: | 368,500 |

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 | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|--------|---------|--------|--------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/18 | 03/31/19 | 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 |

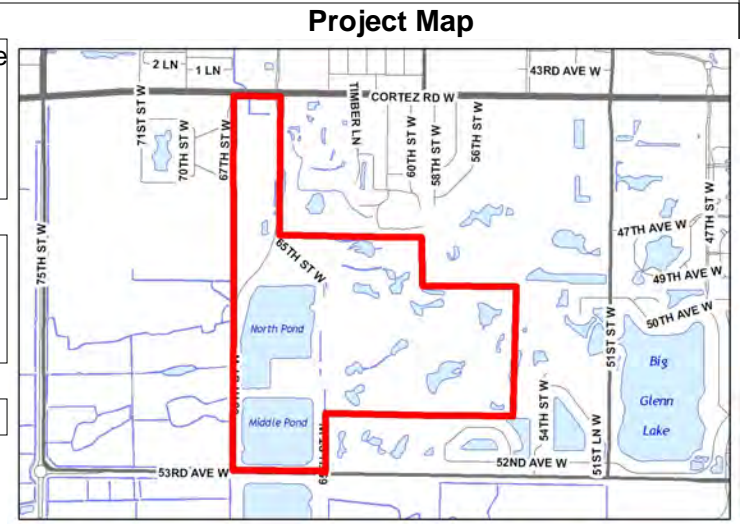
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| Rates | 255,000 |
| Total Funding: | 255,000 |

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

| 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 |

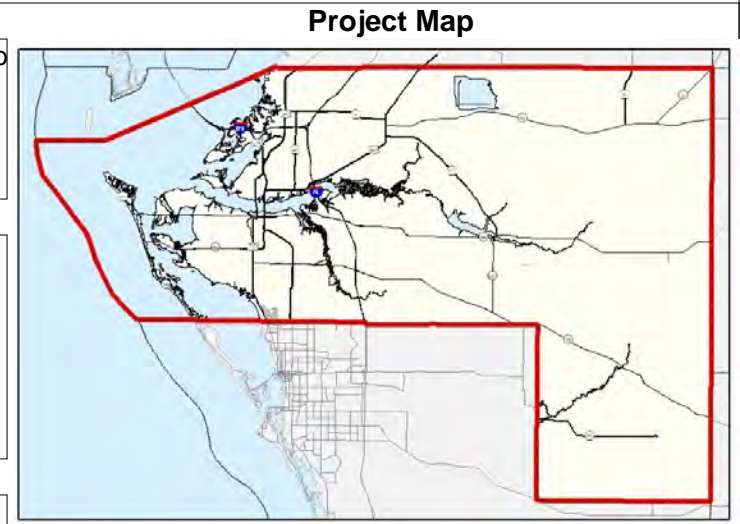
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| Rates | 380,000 |
| Total Funding: | 380,000 |

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

| 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 | 09/30/20 | 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

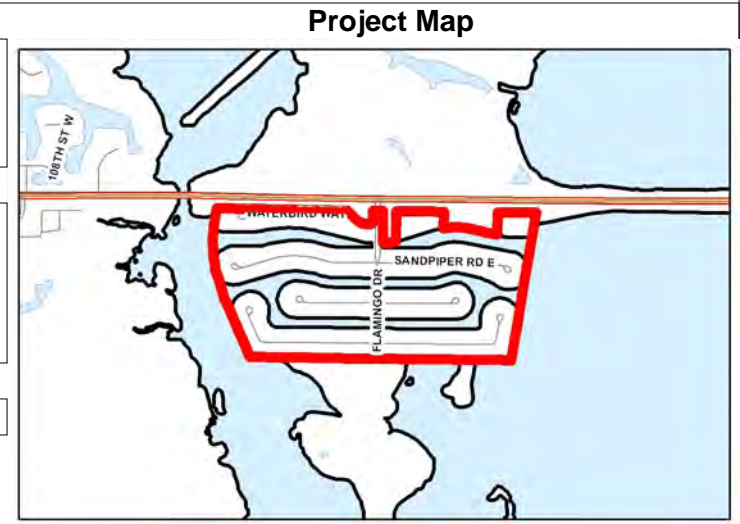
Construction of 6 and 8 inch water mains to replace the 2, 3, 4, and 6 inch water mains that are currently asbestos cement or galvanized iron. This includes approximately 10,000 feet of water main, fire hydrants, gate valves and services. Hydrants, services and valves will be installed to county and Ten State Standards.

Rationale

This upgrade would provide fire protection and increased water pressure to the development.

Funding Strategy

Utility Rates



| 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

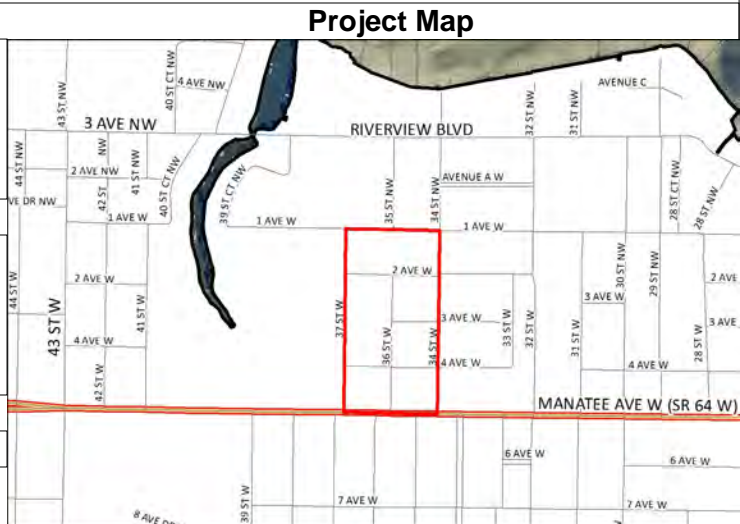
| Funding Sources | Amount |
|-----------------------|------------------|
| Rates | 1,062,000 |
| Total Funding: | 1,062,000 |

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

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

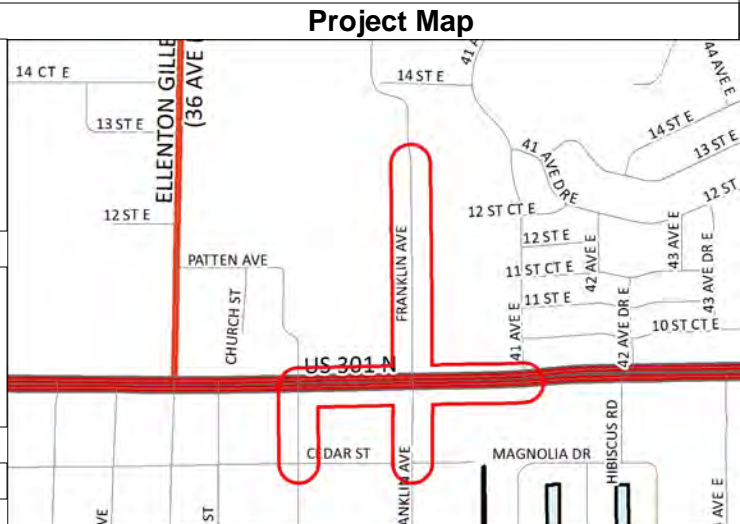
| Funding Sources | Amount |
|-----------------------|----------------|
| Rates | 605,400 |
| Total Funding: | 605,400 |

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

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

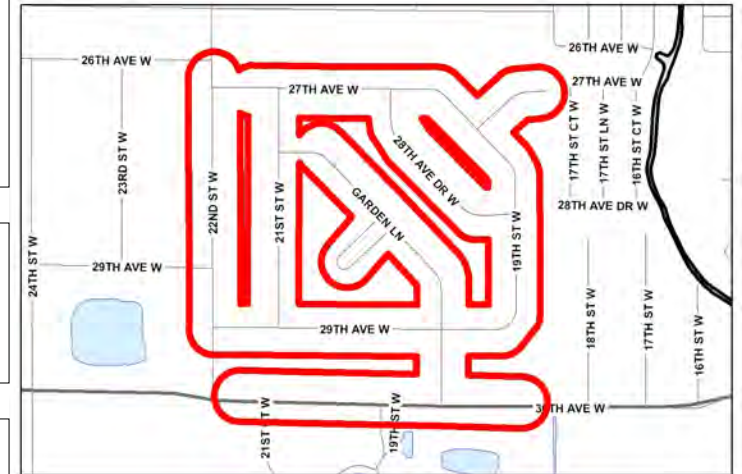
Project Mgr: **Kent Bontrager**

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.

Project Map



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

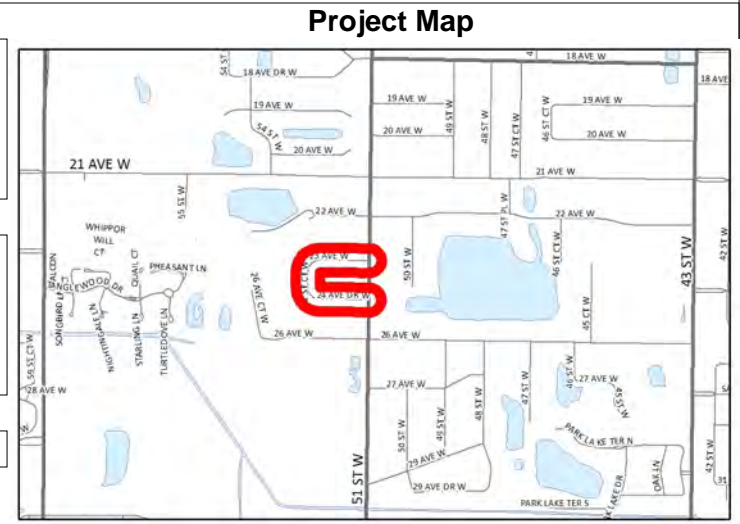
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 1,105,000 |
| Total Funding: | 1,105,000 |

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

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

| 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

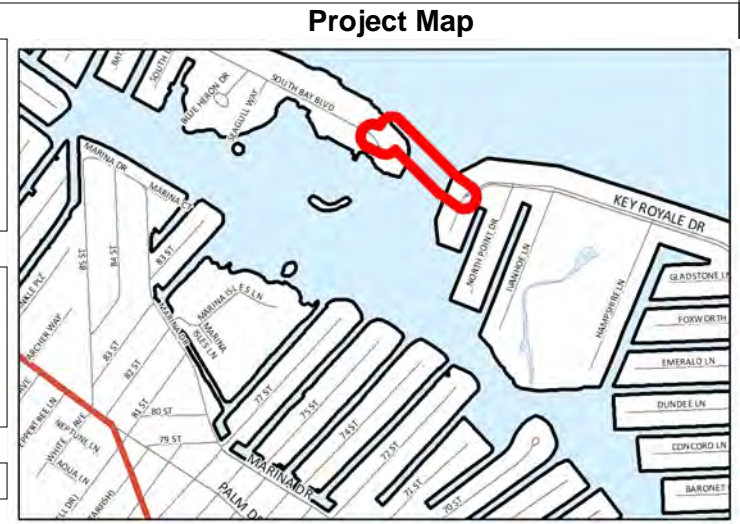
| Funding Sources | Amount |
|-----------------------|------------------|
| Rates | 1,070,000 |
| Total Funding: | 1,070,000 |

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

| 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 | 19,842 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | 10/01/12 | 12/31/13 | 0 | 60,000 | 0 | 0 | 0 | 0 | 0 | 0 | 60,000 |
| Construction: | 10/01/13 | 09/30/15 | 613,908 | 644,956 | 0 | 0 | 0 | 0 | 0 | 0 | 644,956 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/12 | 09/30/15 | 81,461 | 10,256 | 0 | 0 | 0 | 0 | 0 | 0 | 10,256 |
| Totals: | | | 715,211 | 715,212 | 0 | 0 | 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

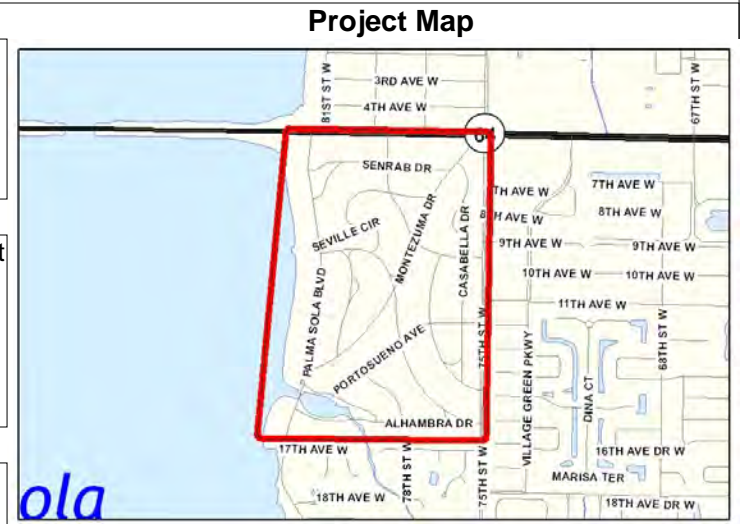
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 715,212 |
| Total Funding: | 715,212 |

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

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/04 | 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

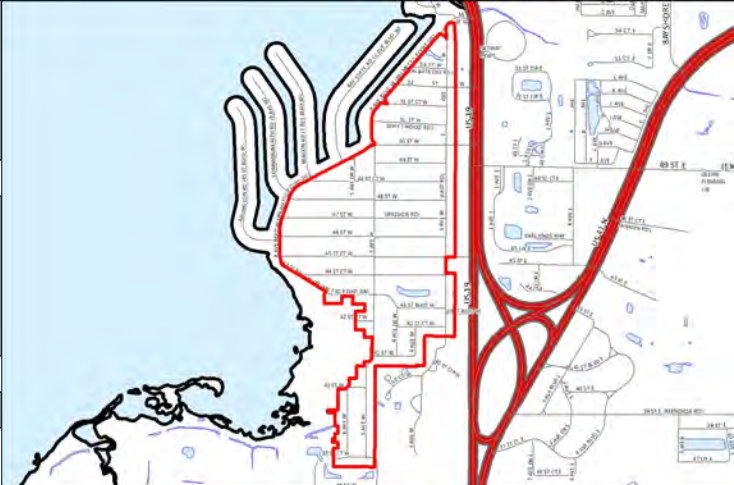
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

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 | Project Map |
| Replace approximately 28,000 linear feet of 3, 4, and 6 inch water mains, in addition to hydrants, valves and services. All items installed to county and Ten State Standards. |  |
| Rationale | |
| Increase water quality and fire protection. | |
| Funding Strategy | |
| Utility Rates | |

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|--------|---------|-----------|--------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | 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# | Pic Town Estates - Water Phase I |
| Potable Water Renewal/Replacement | 6074870 | |
| 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

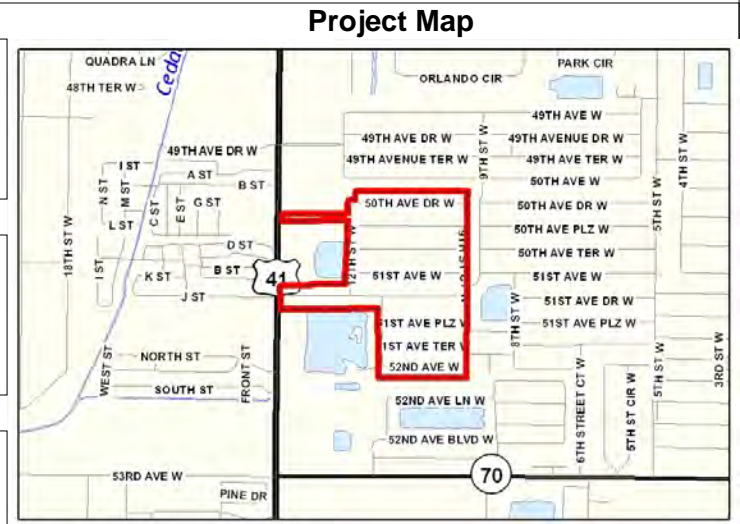
Design and construction of 8,200 linear feet of 6 inch and 3,650 linear feet of 8 inch water mains to replace existing water mains.

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



| 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

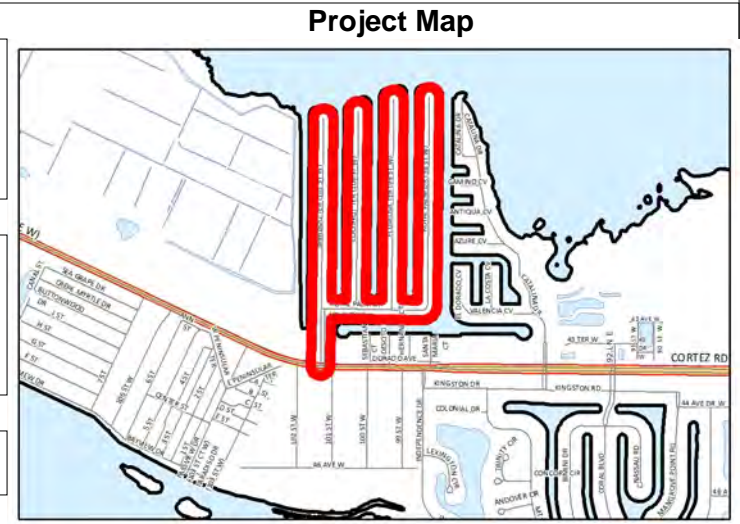
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 1,810,121 |
| Total Funding: | 1,810,121 |

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

| 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 | 175,000 | 0 | 0 | 0 | 0 | 175,000 |
| Land: | | | 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 | 1,100,000 |
| 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 | 175,000 | 1,100,000 | 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

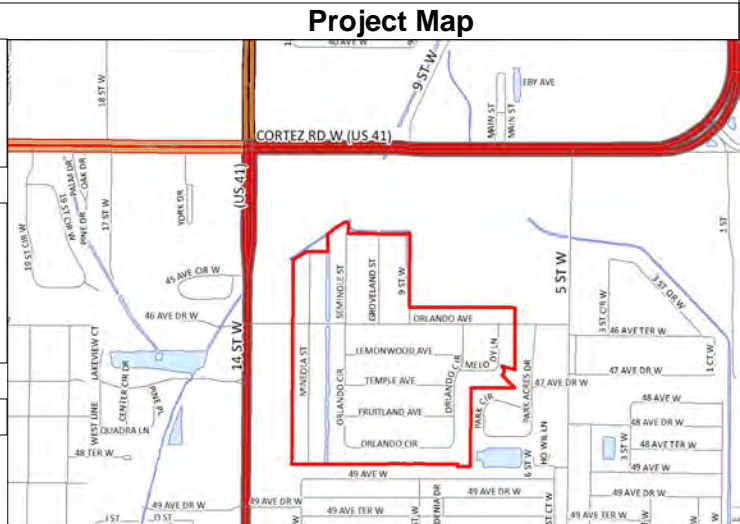
| Funding Sources | Amount |
|-----------------------|------------------|
| Rates | 1,275,000 |
| Total Funding: | 1,275,000 |

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

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

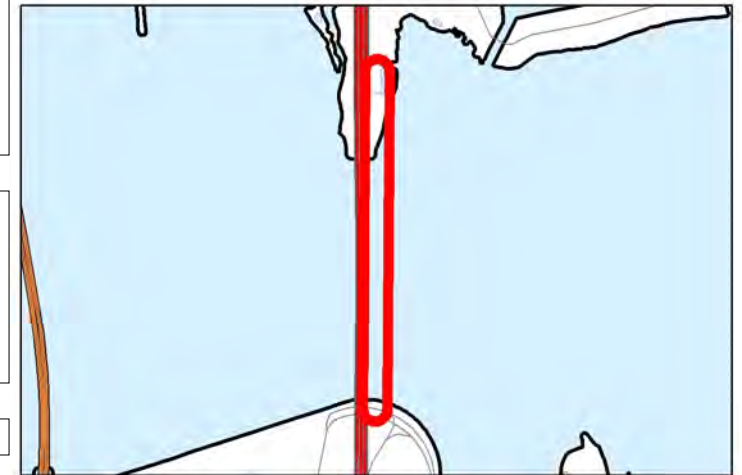
Comprehensive Plan Information Project Mgr: **Jeff Streitmatter**

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

Scope

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.

Project Map



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

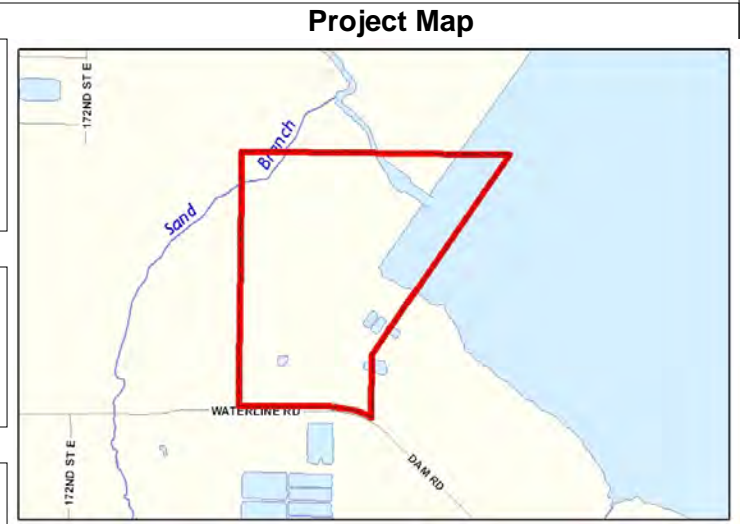
| Funding Sources | Amount |
|-----------------------|----------------|
| Rates | 904,000 |
| Total Funding: | 904,000 |

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

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

| | 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 | 7,882,941 |
| Total Funding: | 7,882,941 |

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

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

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 | 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

| | 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 | 532,000 |
| Total Funding: | 532,000 |

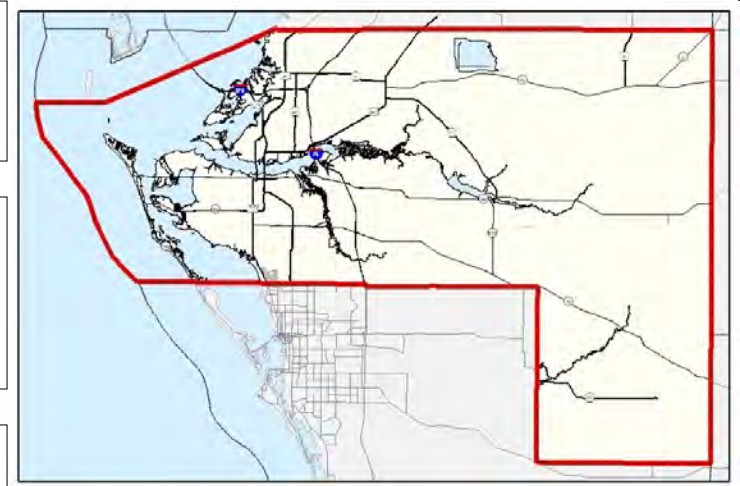
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------|---|
| 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

Purchase land subject to recurring flooding within the Manatee River Floodway.

Project Map



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 |

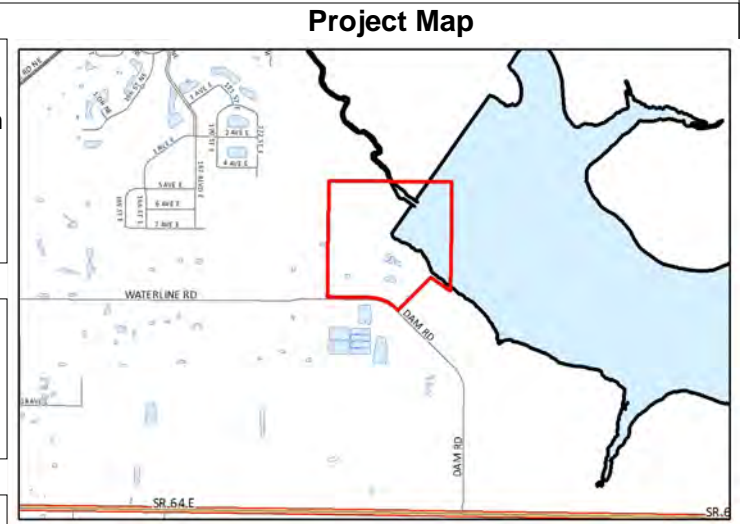
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| All Prior Funding | 2,099,140 |
| Facility Investment Fees | 500,000 |
| Total Funding: | 2,599,140 |

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 het 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

| 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 |

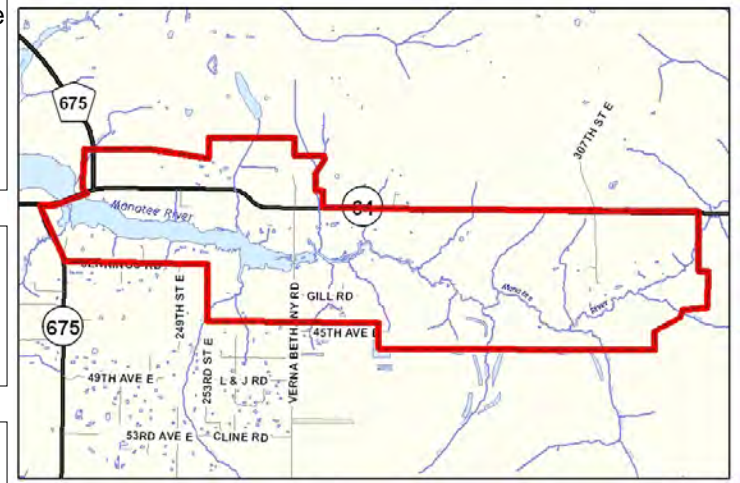
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------|--|
| Potable Water | Project# | Lake Manatee Watershed Land Purchases |
| Potable Water Supply | 6021670 | |
| 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.

Project Map



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

| 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 | |

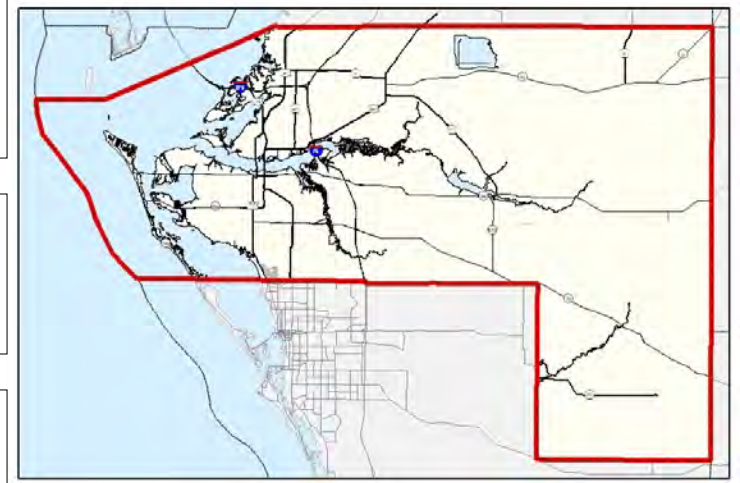
Status: Existing Initial Year: 2006 Countywide Location: Countywide

Comprehensive Plan Information Project Mgr: **Sherri Robinson**

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

Scope **Project Map**

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

| 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

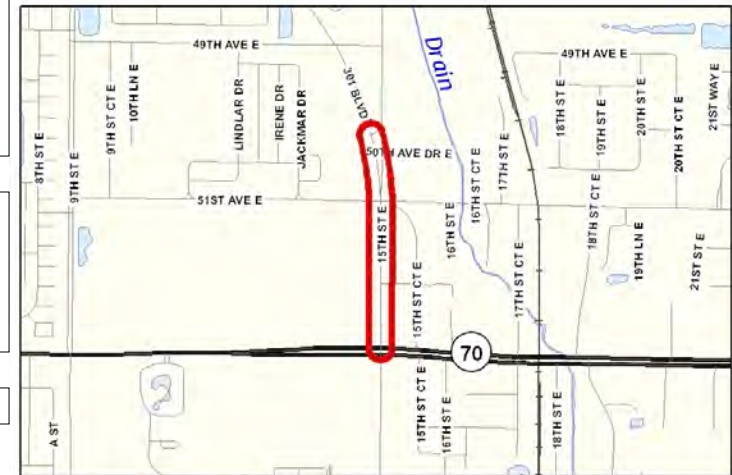
Project Mgr: **Jeff Streitmatter**

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

Scope

Utility relocations as part of a two lane to a four lane divided roadway expansion to include sidewalks, bike lanes and street lights.

Project Map



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

| | 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 | 121,635 |
| Total Funding: | 121,635 |

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

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

| 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

| 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 | 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

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

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

| | 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 | 1,402,079 |
| Total Funding: | 1,402,079 |

MANATEE COUNTY GOVERNMENT
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 | | |
| Comprehensive Plan Information | | Project Mgr: Jeff Streitmatter |
| CIE Project: Yes LOS/Concurrency: No Plan Reference: | Project Need: Growth | |

Scope

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.



Rationale

To upgrade the existing water system. If future repair is required, it will no longer be under the roadway.

Funding Strategy

Debt Proceeds

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/01 | 03/31/13 | 650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 04/01/12 | 12/31/15 | 519,398 | 950,000 | 0 | 0 | 0 | 0 | 0 | 0 | 950,000 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/01 | 12/31/15 | 27,107 | 50,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50,000 |
| Totals: | | | 547,155 | 1,000,000 | 0 | 0 | 0 | 0 | 0 | 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 |
|-----------------------|------------------|
| All Prior Funding | 1,000,000 |
| Total Funding: | 1,000,000 |

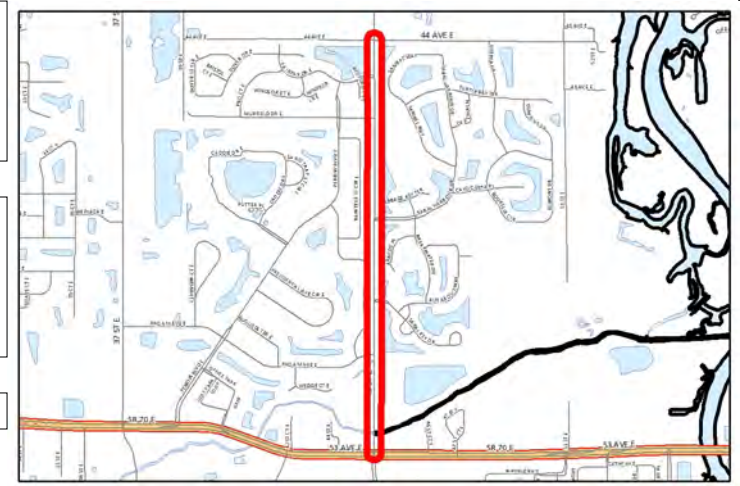
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------|--|
| 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.

Project Map



Rationale

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

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: | 10/01/12 | 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 |

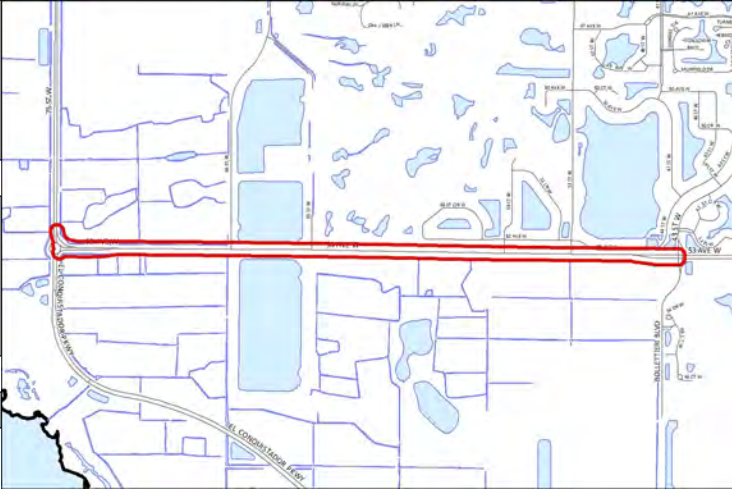
Operating Budget Impacts

| | 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 | |

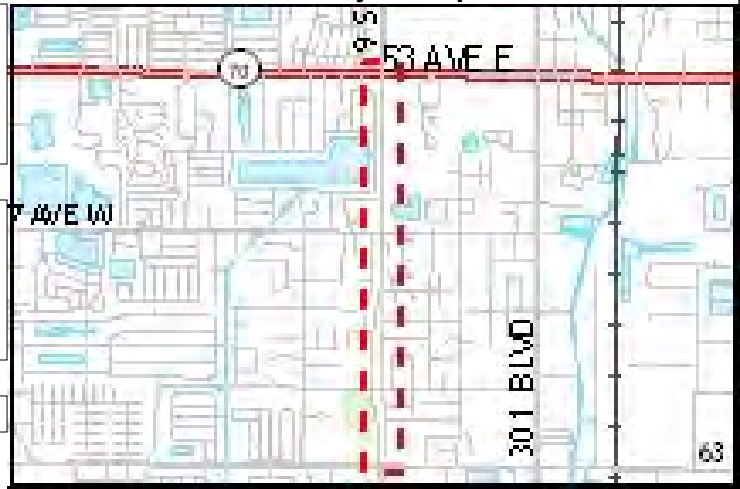
Status: Existing Initial Year: 2005 District 4 Location: 9th Street East - 53rd Avenue East - 57th Avenue East

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 |

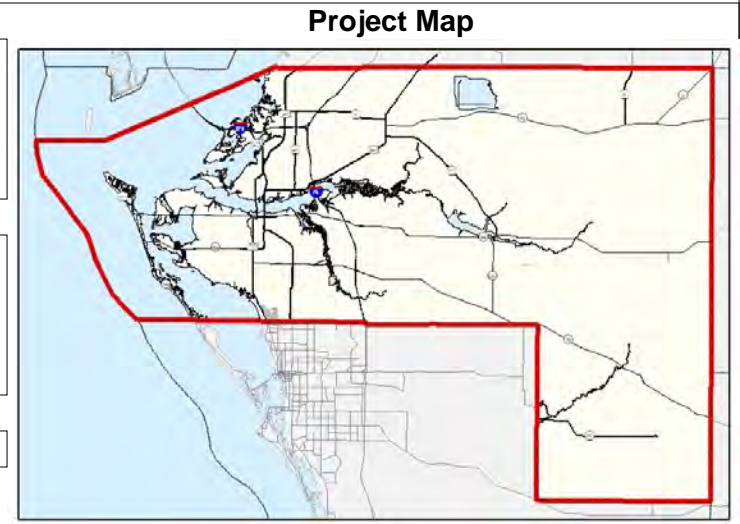
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| All Prior Funding | 170,000 |
| Total Funding: | 170,000 |

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

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 | | | 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 | 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

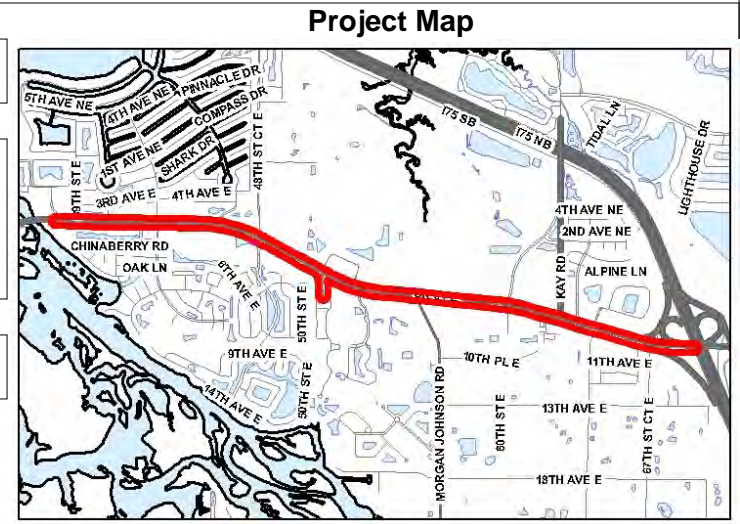
Relocation of 1,800 linear feet of county owned water line as part of Florida Department of Transportation expansion project.

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



| 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. | |
| Rationale | |
| Enhance safety and provide access to US 301. | |
| 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 |

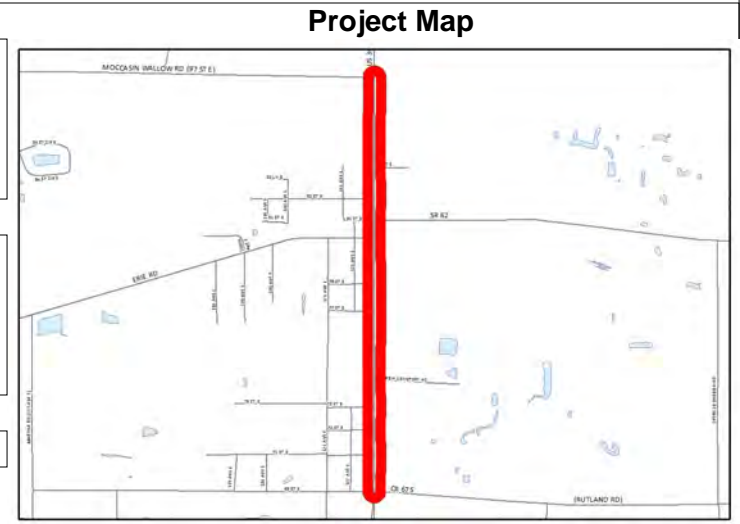
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| All Prior Funding | 220,000 |
| Total Funding: | 220,000 |

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 Moccasin 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

| 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

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 |
| Potable Water Treatment | 6037972 | Power 1&2 |

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

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.

Project Map



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# | Raw Water #2 Motor Control Component Replacement |
| Potable Water Treatment | 6025974 | |
| 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 |

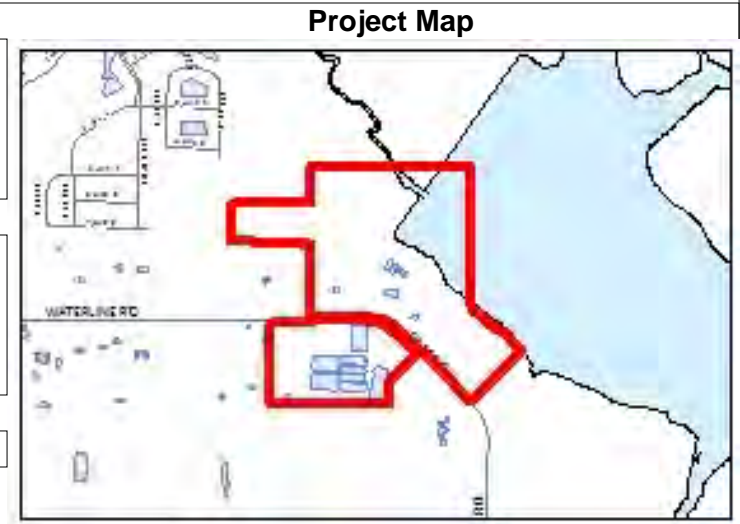
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| Rates | 353,100 |
| Total Funding: | 353,100 |

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

| 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

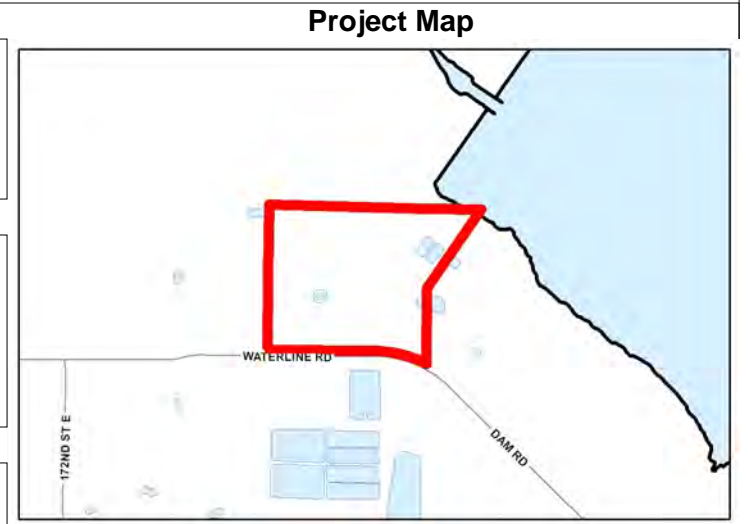
| Funding Sources | Amount |
|-----------------------|------------------|
| Rates | 2,500,000 |
| Total Funding: | 2,500,000 |

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

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**

Scope

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

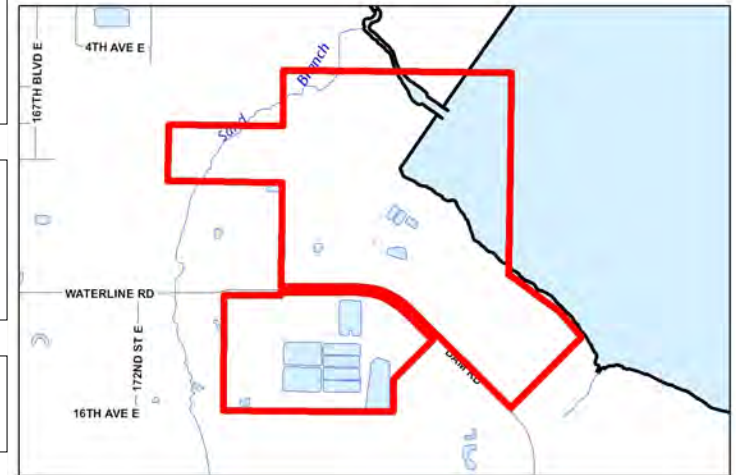
Rationale

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

Funding Strategy

Debt Proceeds
Utility Rates

Project Map



| 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 | 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 |

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 | 700,000 |
| Rates | 140,000 |
| Total Funding: | 840,000 |



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.

Project Map



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

| 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 | 61,590 | 165,000 | 0 | 0 | 0 | 0 | 0 | 0 | 165,000 |
| Land: | | | 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 | 5,925,000 |
| Equipment: | | | 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 |
| Totals: | | | 3,258,606 | 5,265,000 | 825,000 | 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

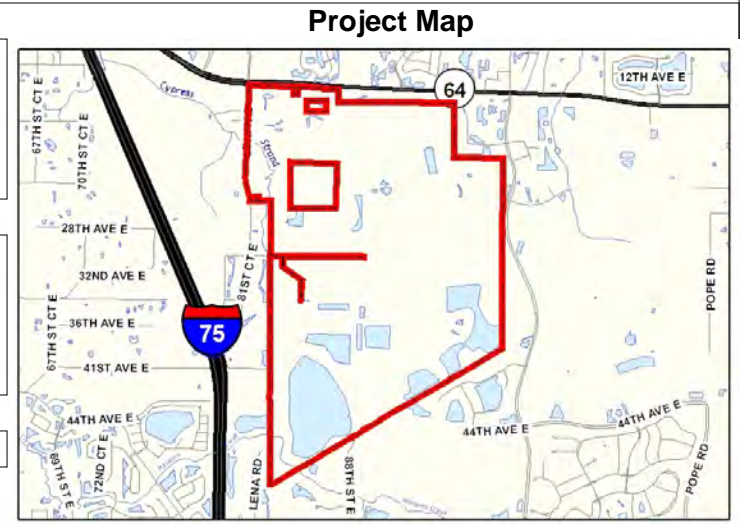
Installation of 63 additional well heads as part of the gas collection system starting at the perimeter of the refuse mound and working inward and upward.

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|---------|-----------|--------|--------|--------|--------|----------------------|
| 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 | 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

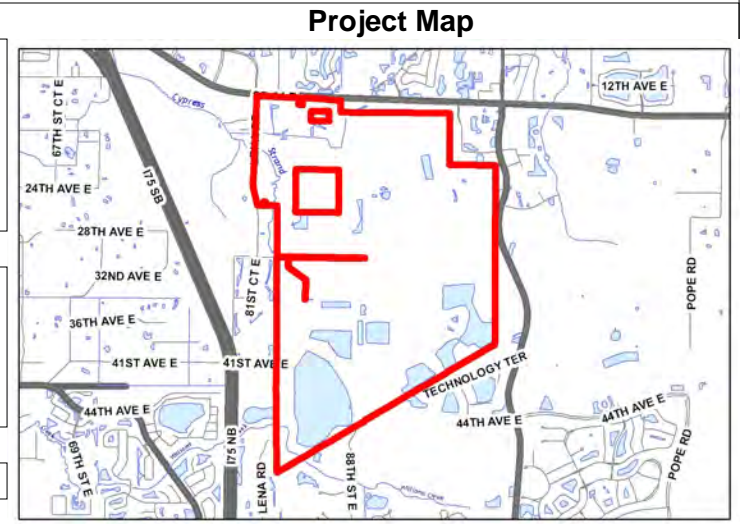
| Funding Sources | Amount |
|--------------------------|------------------|
| Utilities System Charges | 2,160,000 |
| Total Funding: | 2,160,000 |

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

| 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 |

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 | 1,048,415 |
| Utilities System Charges | 5,000,000 |
| Total Funding: | 6,048,415 |

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

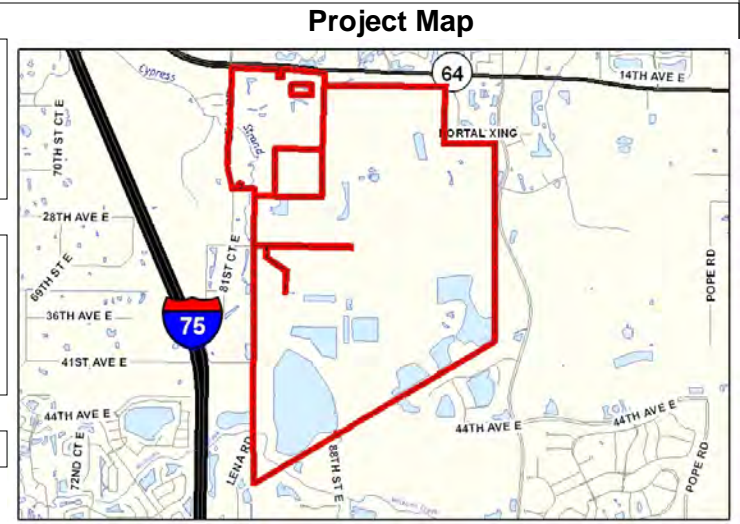
Purchase and installation of an electrical generator and building to collect gas which naturally occurs in the landfill. Gas will be moved from the landfill through the installation of gas lines and a collection system to the electrical generator thereby producing electricity. The Southeast Wastewater 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



| 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

| 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 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 |

| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| Utilities System Charges | 644,000 |
| Total Funding: | 644,000 |



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 |
| <p>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.</p> | |
| Rationale | |
| <p>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.</p> | |
| 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 | 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 |

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 | 110,000 |
| Stormwater Capital Improvements | 1,111,000 |
| Total Funding: | 1,221,000 |

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

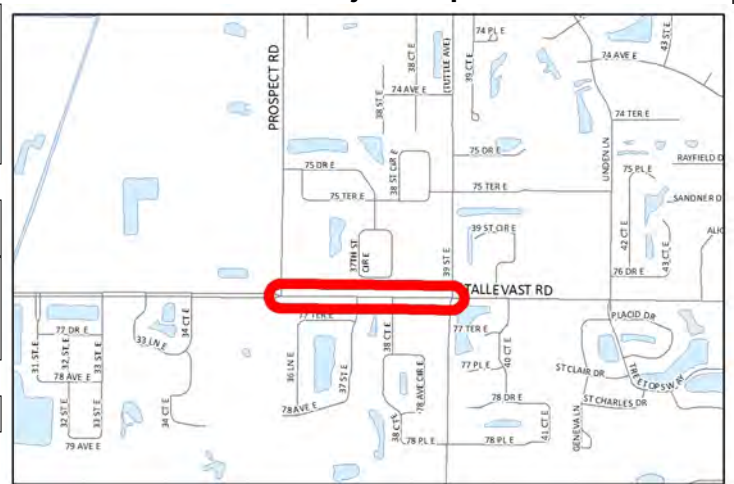
Comprehensive Plan Information Project Mgr: **Jeff Streitmatter**

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

| 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 | 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.

Project Map



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

| 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.

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



| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|------------------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 05/31/97 | 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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------------|----------|----------|----------|----------|----------|----------------------|
| 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 | 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

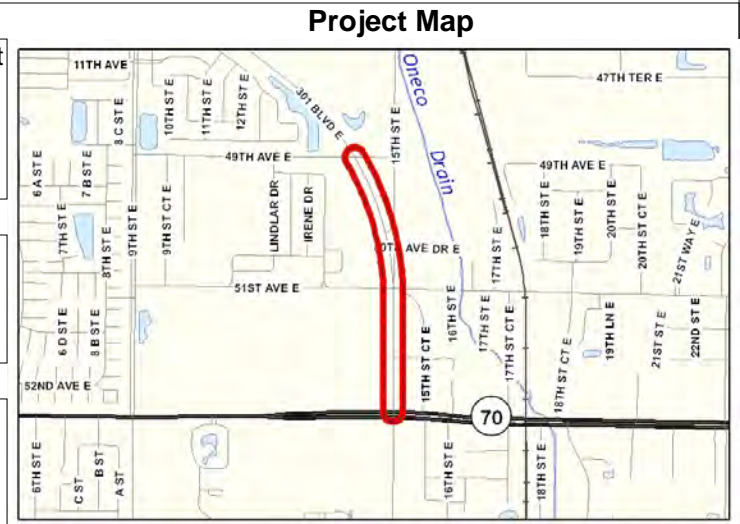
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 103,737 |
| CRA Revenues | 590,874 |
| Total Funding: | 694,611 |

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

Upgrade existing intersections to improve level of service and enhance traffic circulation.

Funding Strategy

Gas Taxes
 2004 Transportation Bonds
 Impact Fees
 2013 Revenue Refund Improvement Bonds (395)

| 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 |

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 | 4,012,264 |
| Total Funding: | 4,012,264 |

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 **Project Map**

Design, permitting and construction of a replacement railroad crossing surface for 17th Street East.



Rationale

The current crossing condition is deteriorating to the point where it will be needing replacement. The crossing will be replaced with a concrete wearing surface with an estimated life of 50 years.

Funding Strategy

Gas Taxes

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|--------|---------|--------|--------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | 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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|------------------|-------------------|-------------------|------------------|----------|----------|----------------------|
| Activity | From | To | 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 | 0 | 0 | 770,000 |
| Land: | 06/01/16 | 06/30/17 | 0 | 0 | 2,200,000 | 0 | 0 | 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 | 0 | 0 | 39,410,000 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/13 | 03/31/20 | 8,671 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 203,650 | 4,970,000 | 2,200,000 | 15,400,000 | 16,500,000 | 3,310,000 | 0 | 0 | 42,380,000 |

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 |
| All Prior Funding | 4,970,000 |
| Debt Proceeds | 37,410,000 |
| Total Funding: | 42,380,000 |

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 |

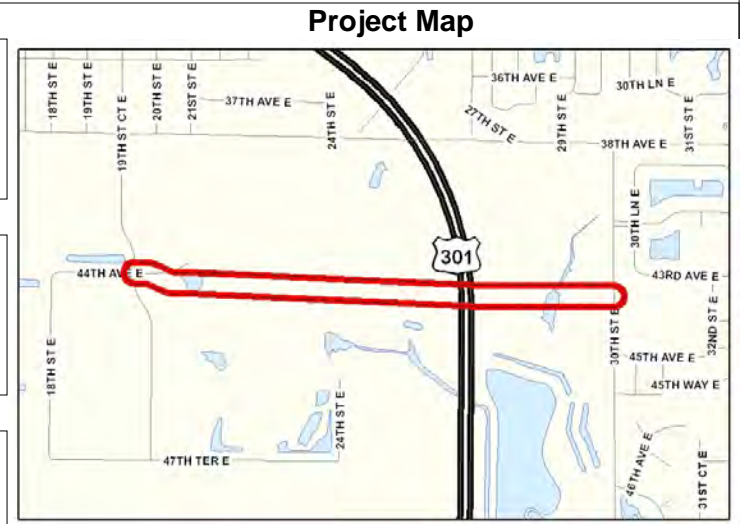
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| All Prior Funding | 7,615,500 |
| Debt Proceeds | 1,200,000 |
| Total Funding: | 8,815,500 |

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

| 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 | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|-------------------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | | |
| Non-Personal: | 35,000 | 35,000 | 35,000 | 0 | All Prior Funding | 17,275,000 |
| Operating Capital: | | | | | Debt Proceeds | 3,500,000 |
| Operating Total: | 35,000 | 35,000 | 35,000 | 0 | Total Funding: | 20,775,000 |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

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. | |
| 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: | 03/01/15 | 07/31/16 | 99,878 | 45,000 | 0 | 0 | 0 | 0 | 0 | 0 | 45,000 |
| 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 |
| Project Mgt.: | 10/01/16 | 09/30/21 | 481 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 103,261 | 1,025,000 | 3,036,000 | 19,964,000 | 5,500,000 | 0 | 0 | 0 | 29,525,000 |

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 | 1,025,000 |
| Debt Proceeds | 28,500,000 |
| Total Funding: | 29,525,000 |

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

Scope

Upgrading existing roadway to a three-lane roadway from US 41 to 15th Street East.



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.

Funding Strategy

Gas Taxes
 2004 Transportation Bonds
 Impact Fees
 Federal / State Revenues and 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: | 10/01/01 | 03/31/13 | 1,283,375 | 1,462,059 | 0 | 0 | 0 | 0 | 0 | 0 | 1,462,059 | |
| Land: | 10/01/09 | 03/31/13 | 2,060,763 | 1,142,783 | 0 | 0 | 0 | 0 | 0 | 0 | 1,142,783 | |
| Construction: | 04/01/13 | 12/31/15 | 4,811,154 | 8,089,462 | 0 | 0 | 0 | 0 | 0 | 0 | 8,089,462 | |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 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 | |

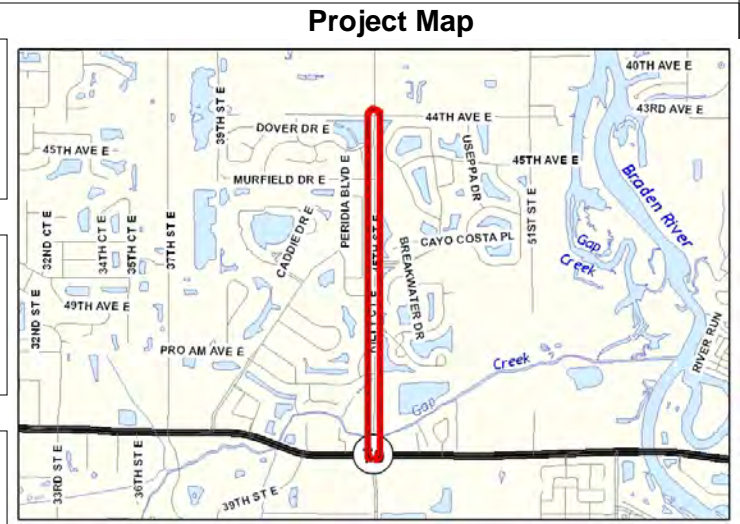
| Operating Budget Impacts | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|------------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | | |
| Non-Personal: | 32,000 | 32,000 | 32,000 | 0 | All Prior Funding | 11,425,133 |
| Operating Capital: | | | | | Total Funding: | 11,425,133 |
| Operating Total: | 32,000 | 32,000 | 32,000 | 0 | | |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|--|
| Transportation | Project# 6025662 | 45th Street East - 44th Avenue East - SR 70 |
| Status: Existing Initial Year: 2013 District 5 Location: 45th Street East | | |
| Comprehensive Plan Information | | Project Mgr: William Lorenzo |
| CIE Project: Yes LOS/Concurrency: No Plan Reference: | | Project Need: Growth |

Scope

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



Rationale

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

Funding Strategy

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: | 10/01/12 | 01/31/15 | 1,132,287 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | 07/01/14 | 10/30/15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 11/01/15 | 06/30/18 | 2,085 | 5,640,000 | 7,550,000 | 3,000,000 | 0 | 0 | 0 | 0 | 16,190,000 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/12 | 06/30/18 | 43,785 | 60,000 | 0 | 0 | 0 | 0 | 0 | 0 | 60,000 |
| Totals: | | | 1,178,156 | 5,700,000 | 7,550,000 | 3,000,000 | 0 | 0 | 0 | 0 | 16,250,000 |

Operating Budget Impacts

| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | 21,000 | 21,000 | 21,000 | 0 |
| Operating Capital: | | | | |
| Operating Total: | 21,000 | 21,000 | 21,000 | 0 |
| No.of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

| Funding Sources | Amount |
|-----------------------|-------------------|
| All Prior Funding | 5,700,000 |
| Debt Proceeds | 10,550,000 |
| Total Funding: | 16,250,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|-----------------------|----------------------------|---|
| Transportation | Project# 6082960 | 53rd Avenue West - 43rd Street West - 75th Street West |
|-----------------------|----------------------------|---|

Status: Existing Initial Year: 2012 District 3 Location: 53rd Avenue West

Comprehensive Plan Information

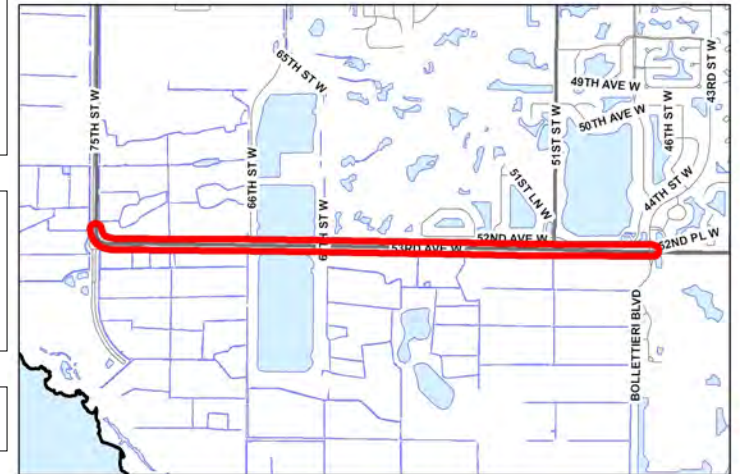
Project Mgr: **Anthony Benitez**

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

Scope

Widen existing two lane roadway segment to four lanes.

Project Map



Rationale

Expand service to enhance traffic flow on 53rd Avenue West and relieve traffic on Cortez Road.

Funding Strategy

Impact Fees
Gas Taxes

| 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 | 103,228 | 340,000 | 0 | 0 | 0 | 0 | 0 | 0 | 340,000 |
| Land: | 04/01/12 | 07/30/15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 07/01/14 | 07/30/17 | 127,777 | 6,050,224 | 400,000 | 0 | 0 | 0 | 0 | 0 | 6,450,224 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 01/01/12 | 07/30/17 | 152,987 | 20,000 | 0 | 0 | 0 | 0 | 0 | 0 | 20,000 |
| Totals: | | | 383,992 | 6,410,224 | 400,000 | 0 | 0 | 0 | 0 | 0 | 6,810,224 |

Operating Budget Impacts

| | 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 |

Means of Financing

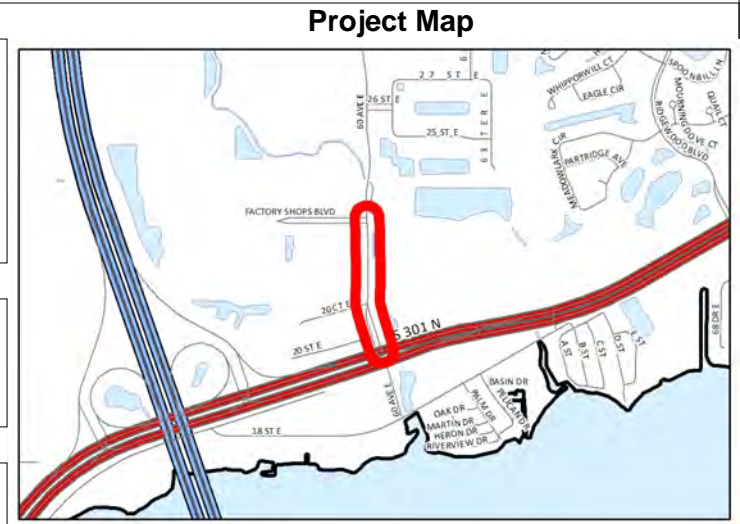
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 6,410,224 |
| Impact Fees | 400,000 |
| Total Funding: | 6,810,224 |

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.



Rationale

Expand service to improve traffic operations and to achieve and maintain adopted levels of service.

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: | 10/01/17 | 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 |
| Totals: | | | 0 | 0 | 0 | 0 | 705,000 | 2,250,000 | 0 | 0 | 2,955,000 |

Operating Budget Impacts

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

Means of Financing

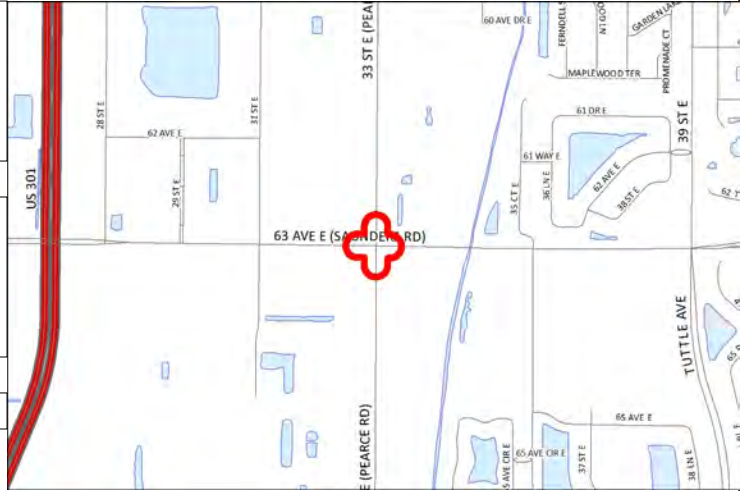
| Funding Sources | Amount |
|-----------------------|------------------|
| Impact Fees | 2,955,000 |
| Total Funding: | 2,955,000 |

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 |

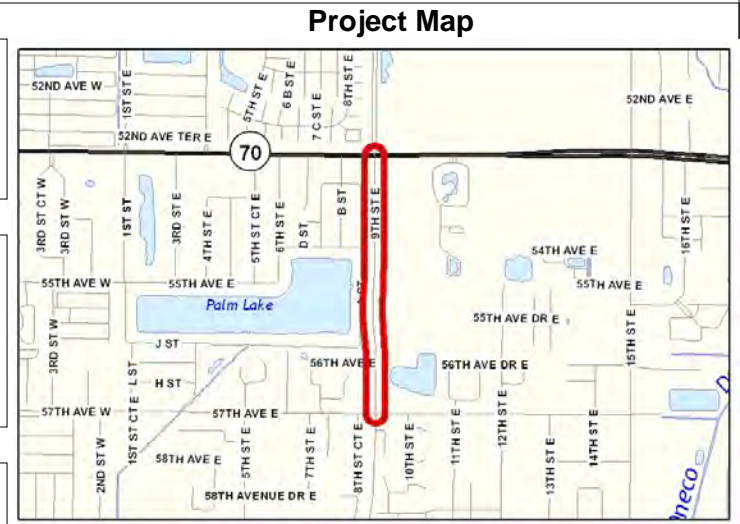
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| Gas Taxes | 220,000 |
| Total Funding: | 220,000 |

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

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|------------------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| 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 | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|-----------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | | |
| Non-Personal: | 12,000 | 12,000 | 12,000 | 0 | All Prior Funding | 6,835,676 |
| Operating Capital: | | | | | Debt Proceeds | 2,500,000 |
| Operating Total: | 12,000 | 12,000 | 12,000 | 0 | Total Funding: | 9,335,676 |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

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.

Project Map



Rationale

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

Funding Strategy

Gas Taxes
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 | 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 |
| Project Mgt.: | 10/01/11 | 10/31/15 | 15,055 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| Totals: | | | 409,541 | 750,000 | 0 | 0 | 0 | 0 | 0 | 0 | 750,000 |

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 | 750,000 |
| Total Funding: | 750,000 |

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. | |
| 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: | 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 |
| Totals: | | | 8,436 | 312,500 | 0 | 0 | 0 | 0 | 0 | 0 | 312,500 |

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 | 312,500 |
| Total Funding: | 312,500 |

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 | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 844,000 |
| Non-Personal: | | | | | Total Funding: | 844,000 |
| Operating Capital: _____ | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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.

Project Map



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

| 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 | Project Map |
|--------------|--------------------|

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

| 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 | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | Gas Taxes | 543,300 |
| Non-Personal: | | | | | Total Funding: | 543,300 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

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 | |

| 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 | 09/30/13 | 88,187 | 115,000 | 0 | 0 | 0 | 0 | 0 | 0 | 115,000 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 10/01/13 | 06/30/15 | 275,761 | 448,509 | 0 | 0 | 0 | 0 | 0 | 0 | 448,509 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |

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 | 573,509 |
| 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 |

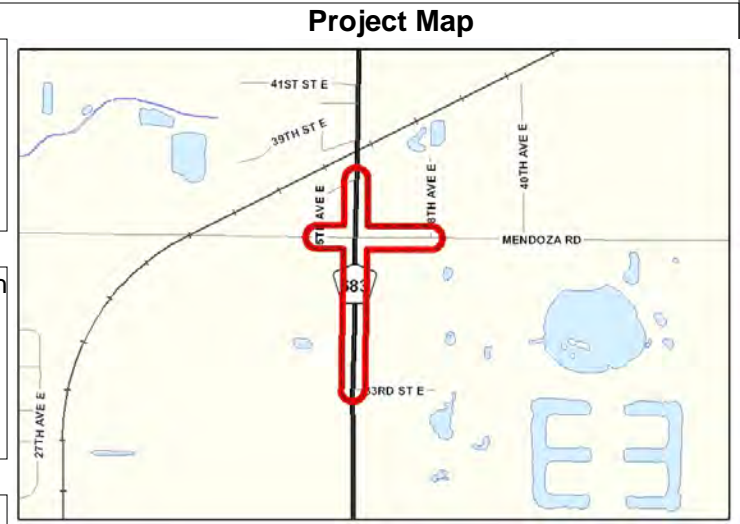
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| All Prior Funding | 600,000 |
| Total Funding: | 600,000 |

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

| 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 | 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 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|-----------------------|----------------------------|---|
| Transportation | Project# TR01336 | Ellenton Gillette at 69th Street |
|-----------------------|----------------------------|---|

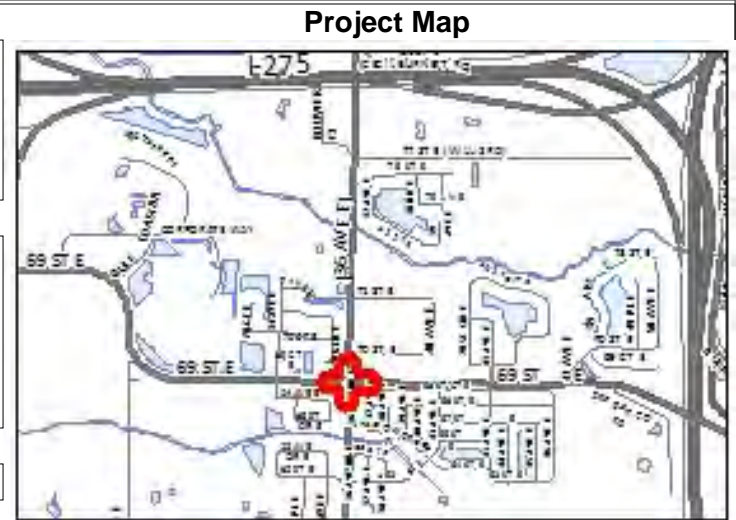
Status: Requested Initial Year: 2017 Countywide Location: Ellenton Gillette Road - 69th Street, Palmetto

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

| 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

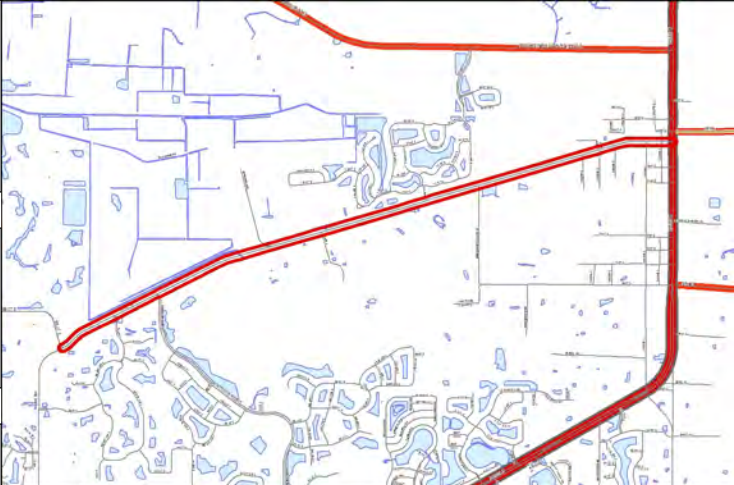
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

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 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|-------------------------------------|
| Transportation | Project# 6082860 | Erie Road - US 301 to US 301 |
| Status: Existing Initial Year: 2012 District 1 Location: Erie Road - US 301 to US 301 | | |
| Comprehensive Plan Information | | Project Mgr: Mike Sturm |
| CIE Project: No LOS/Concurrency: No Plan Reference: | | Project Need: Maintenance |

Scope

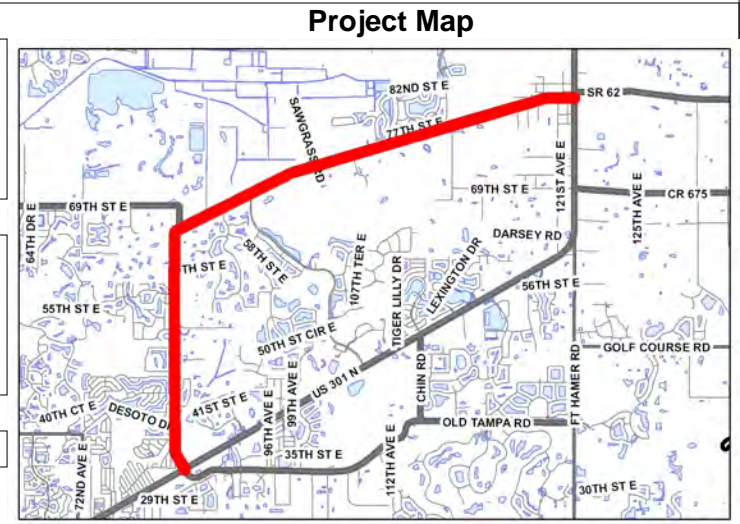
Roadway functional improvements to include widening to 24', roadside ditch piping, and shoulder enhancement where necessary.

Rationale

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

Funding Strategy

Gas Taxes



| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/11 | 09/30/14 | 77,810 | 502,000 | 0 | 0 | 0 | 0 | 0 | 0 | 502,000 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 10/01/14 | 06/30/16 | 1,395 | 3,100,000 | 0 | 0 | 0 | 0 | 0 | 0 | 3,100,000 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/11 | 06/30/16 | 90,976 | 23,000 | 0 | 0 | 0 | 0 | 0 | 0 | 23,000 |
| Totals: | | | 170,180 | 3,625,000 | 0 | 0 | 0 | 0 | 0 | 0 | 3,625,000 |

Operating Budget Impacts

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

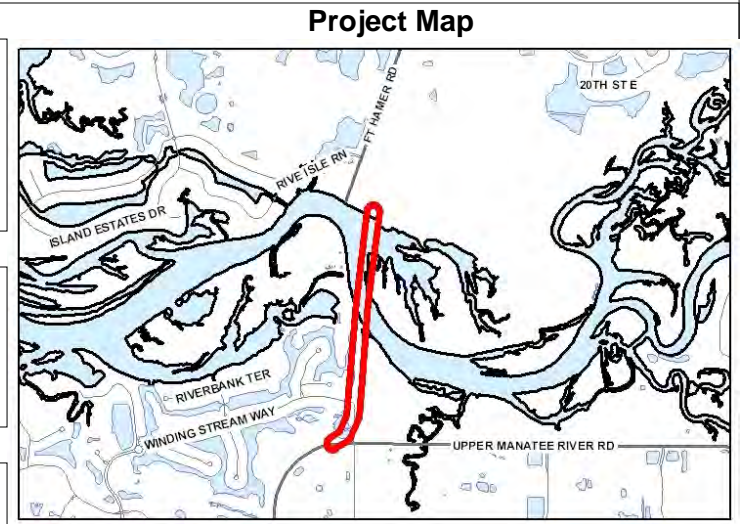
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| All Prior Funding | 3,625,000 |
| Total Funding: | 3,625,000 |

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

| 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

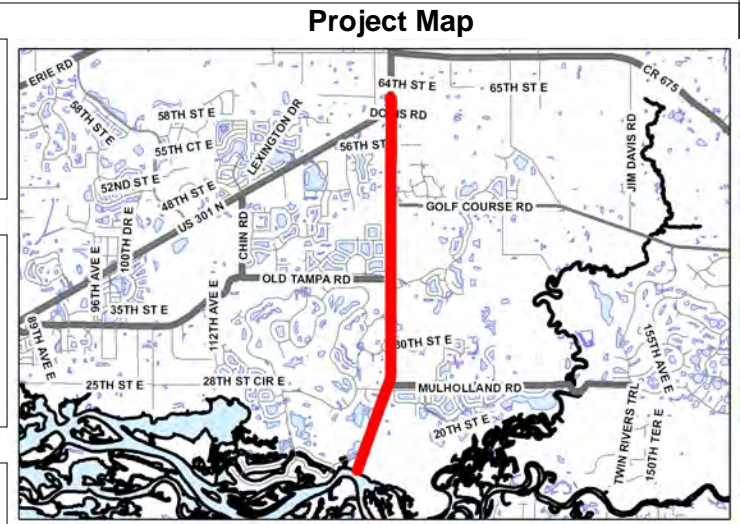
| Funding Sources | Amount |
|-----------------------|-------------------|
| All Prior Funding | 32,962,589 |
| Total Funding: | 32,962,589 |

MANATEE COUNTY GOVERNMENT
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

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 | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|-----------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 7,634,789 |
| Non-Personal: | | | | | Total Funding: | 7,634,789 |
| Operating Capital: | | | | | | |
| 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 | Project Map |
|--------------|--------------------|

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

| 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 |

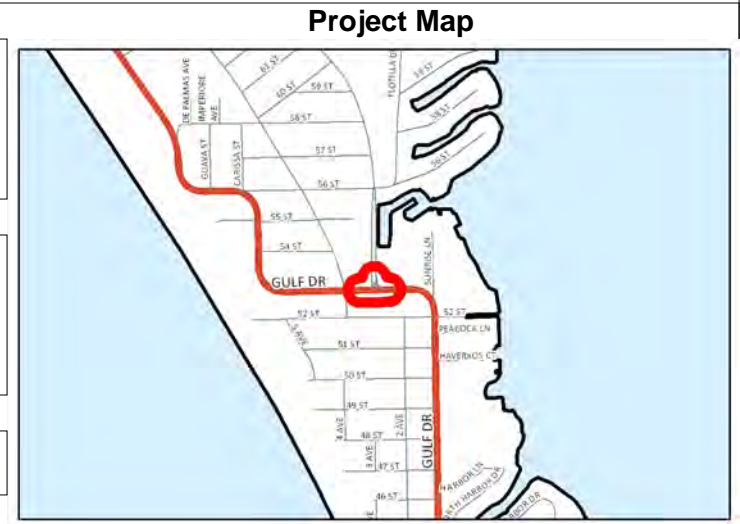
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| Gas Taxes | 665,000 |
| Total Funding: | 665,000 |

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

| 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 | 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 | | | | | Means of Financing | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|---------------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 231,119 |
| Non-Personal: | | | | | Total Funding: | 231,119 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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.

Project Map



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

| 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

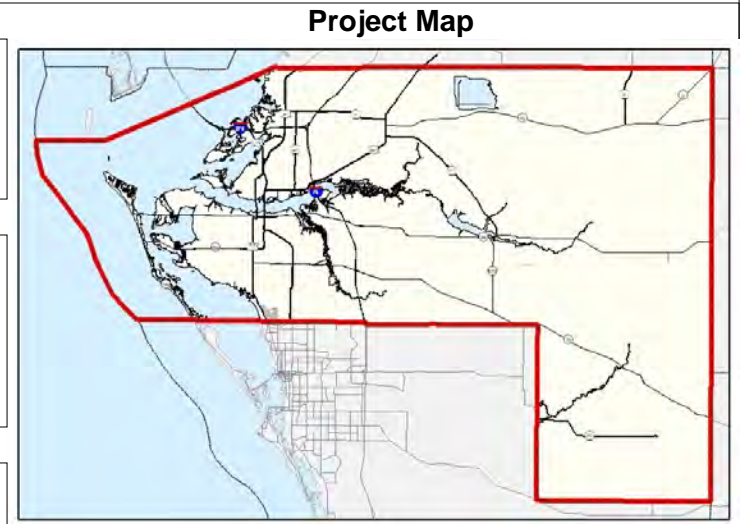
| Funding Sources | Amount |
|-----------------------|----------------|
| Impact Fees | 700,000 |
| Total Funding: | 700,000 |

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

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

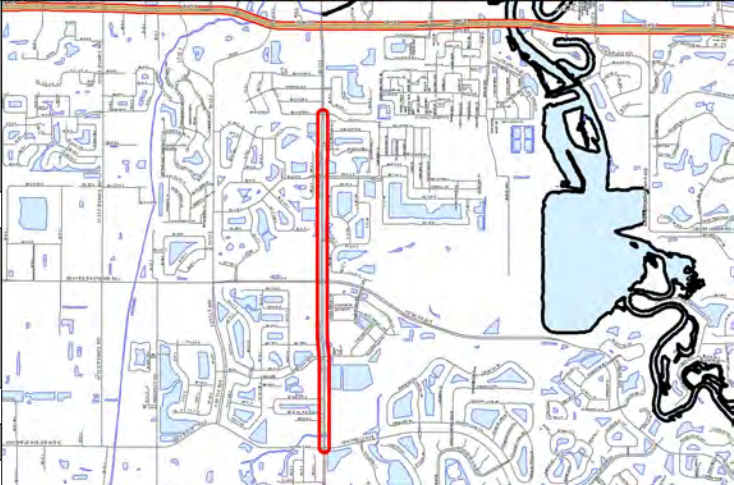
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 1,169,143 |
| Total Funding: | 1,169,143 |

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 |
|-----------------------|----------------------------|--|

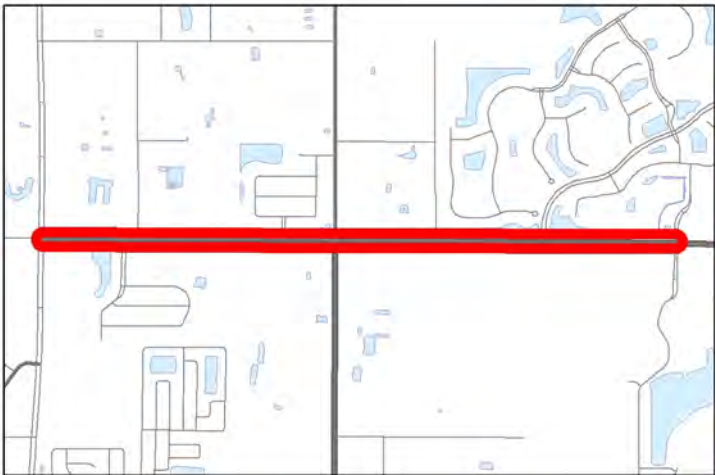
Status: Existing Initial Year: 2014 District 1 Location: Moccasin Wallow Road - US 41 to Gateway Blvd.

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

| 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 |
| Totals: | | | 0 | 0 | 0 | 0 | 675,000 | 7,200,000 | 0 | 0 | 7,875,000 |

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 | 7,875,000 |
| Total Funding: | 7,875,000 |

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.

Project Map



Rationale

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

Funding Strategy

Gas Taxes

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| 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 | 122,644 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | 07/01/11 | 06/30/15 | 0 | 175,000 | 0 | 0 | 0 | 0 | 0 | 0 | 175,000 |
| Construction: | 06/01/15 | 12/31/15 | 191,307 | 630,000 | 0 | 0 | 0 | 0 | 0 | 0 | 630,000 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 07/01/11 | 12/31/15 | 16,230 | 25,000 | 0 | 0 | 0 | 0 | 0 | 0 | 25,000 |
| Totals: | | | 330,181 | 830,000 | 0 | 0 | 0 | 0 | 0 | 0 | 830,000 |

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 | 830,000 |
| Total Funding: | 830,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|-----------------------|----------------------------|---------------------------------------|
| Transportation | Project# 6076660 | Port Harbour Parkway Extension |
|-----------------------|----------------------------|---------------------------------------|

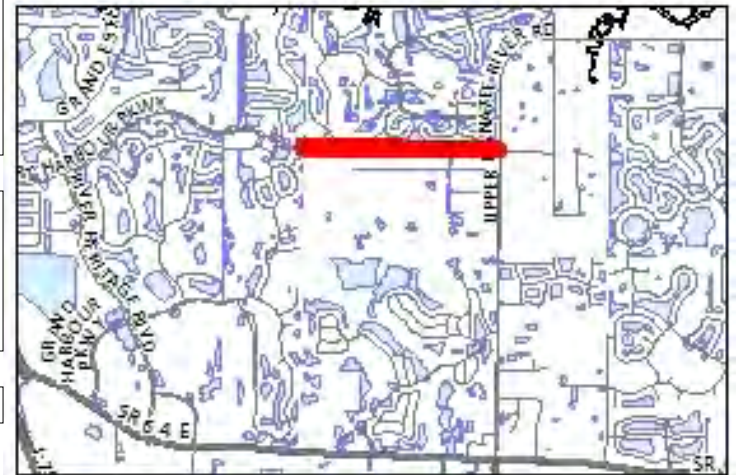
Status: Existing Initial Year: 2020 Countywide Location: Port Harbour Parkway - Upper Manatee River Road

Comprehensive Plan Information Project Mgr: **Jeff Streitmatter**

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

| | |
|--------------|--------------------|
| Scope | Project Map |
|--------------|--------------------|

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

| 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 |

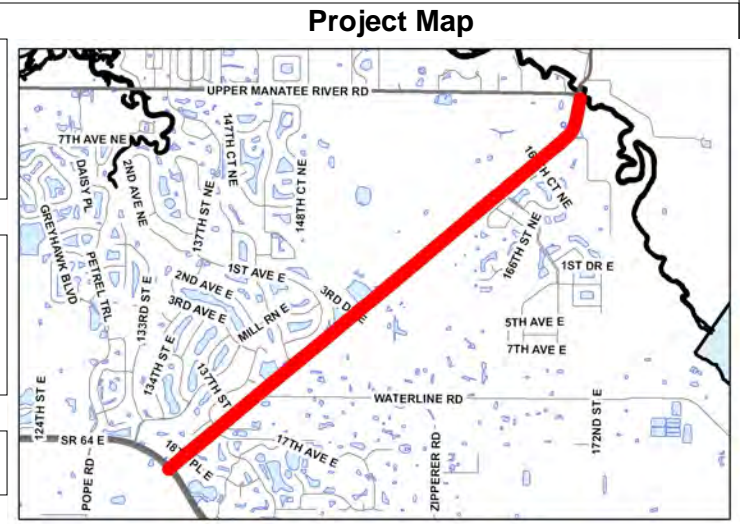
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| All Prior Funding | 2,299,202 |
| Total Funding: | 2,299,202 |

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.



Rationale

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

Funding Strategy

Gas Taxes

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|------------------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| 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**

Scope

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.

Project Map



Rationale

To increase safety at intersection location.

Funding Strategy

Gas Taxes
 Federal / State Revenues and 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: | 10/01/13 | 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 |

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 |
| Grants | 448,777 |
| Total Funding: | 598,777 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|-----------------------|----------------------------|---|
| Transportation | Project# 6084460 | SR 70 at Lakewood Ranch Boulevard Intersection |
|-----------------------|----------------------------|---|

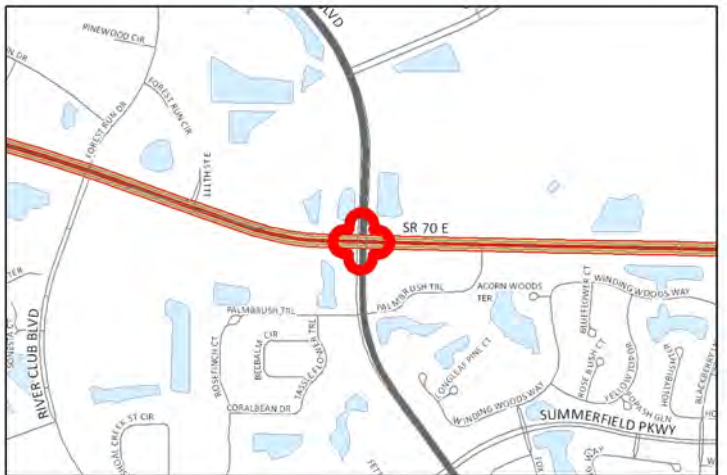
Status: Existing Initial Year: 2013 District 5 Location: SR 70 at Lakewood Ranch Boulevard Intersection

Comprehensive Plan Information Project Mgr: **Kent Bontrager**

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

Scope **Project Map**

Upgrade of existing span wire signalization to mast arms.



Rationale

Increased safety at intersection location.

Funding Strategy

Gas Taxes
 FDOT Congestion Management 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: | 10/01/12 | 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 |

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 | 642,277 |
| Total Funding: | 642,277 |

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.

Rationale

To preserve the only access to Snead Island and extend useful life of bridge.

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: | 10/01/09 | 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

| | 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 | 345,000 |
| Total Funding: | 345,000 |

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 | |

| 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 |

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 | 560,500 |
| Total Funding: | 560,500 |

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.

Project Map



Rationale

This project continues the proactive approach Manatee County has had with maintaining railroad crossings. The proposed concrete repairs will remove this crossing from a repair concern for the next 30 years or more.

Funding Strategy

Gas Taxes

| 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 |

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 | 410,000 |
| Total Funding: | 410,000 |

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 | Project Map |
| 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. | |
| 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 | |

| 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 |

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 | 690,000 |
| Total Funding: | 690,000 |

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

This project provides for the replacement of the existing 80' long one lane wooden bridge on Taylor Road.

Project Map



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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/14 | 06/01/16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 10/01/14 | 06/01/16 | 371,691 | 495,000 | 0 | 0 | 0 | 0 | 0 | 0 | 495,000 |
| Equipment: | | | 0 | 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 | 0 |
| Totals: | | | 385,195 | 495,000 | 0 | 0 | 0 | 0 | 0 | 0 | 495,000 |

| | | | | | | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|---------------|
| Operating Budget Impacts | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 495,000 |
| Non-Personal: | | | | | Total Funding: | 495,000 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

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

| 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 | 06/30/15 | 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.

Project Map



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

| 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.

Project Map



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.

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 | 147,676 |
| Impact Fees | 651,940 |
| Total Funding: | 799,616 |

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# 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.

Project Map



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

| 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 Static | 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 |

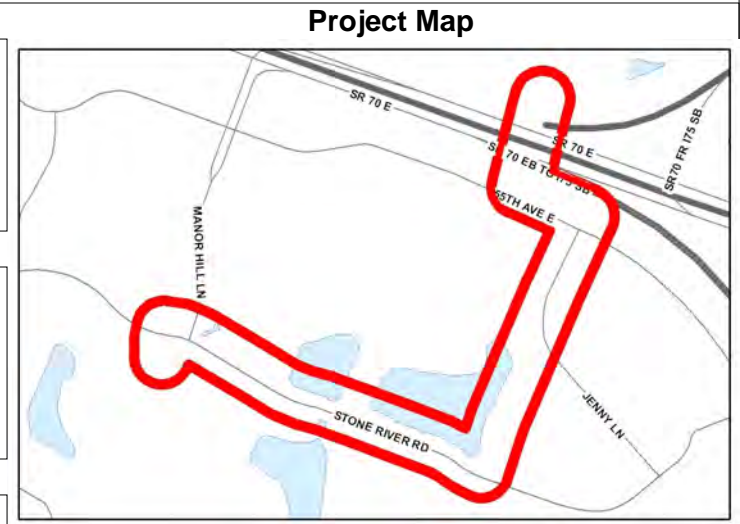


MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------|----------------------------------|
| 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

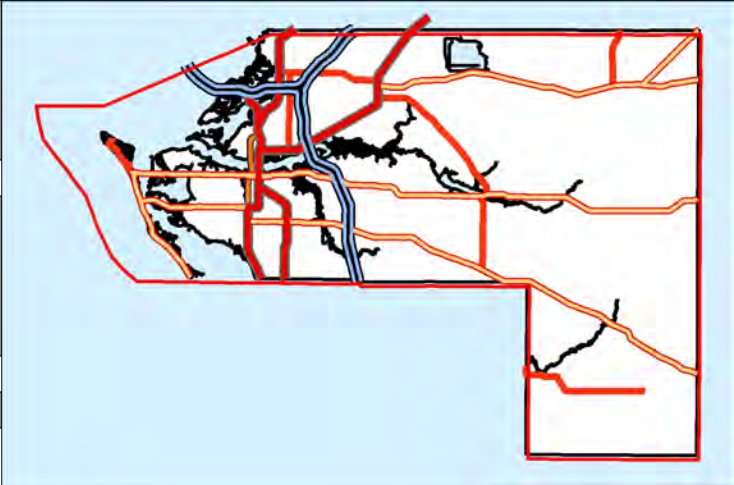
Debt Proceeds
Utility Rates

| 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 | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|-----------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 1,640,000 |
| Non-Personal: | | | | | Total Funding: | 1,640,000 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

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 | |

| 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 |
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

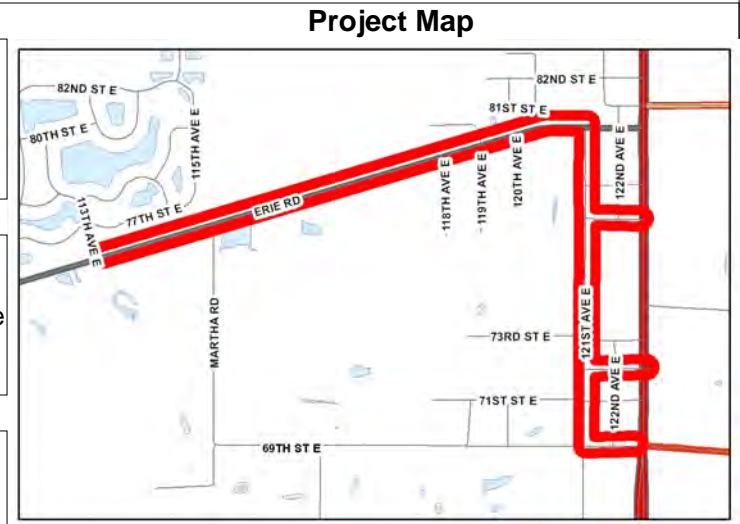
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| Facility Investment Fees | 1,000,000 |
| Total Funding: | 1,000,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------|---|
| Wastewater | Project# | 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

| 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

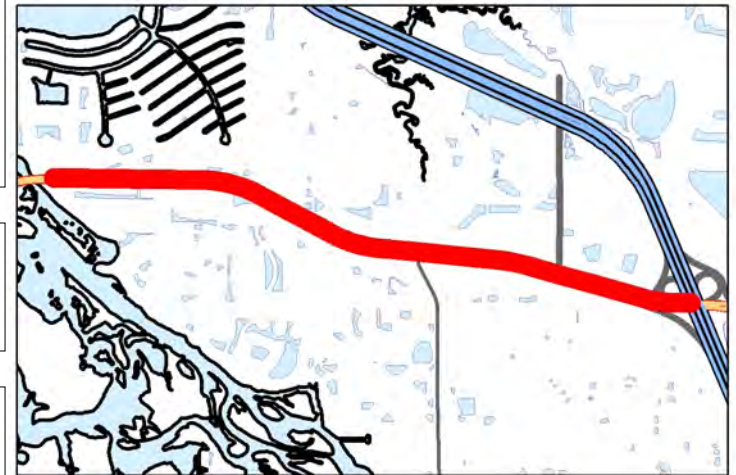
Project Mgr: **Anthony Benitez**

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

Scope

Relocation of 2,100 linear feet of county owned sewer line as part of Florida Department of Transportation expansion project.

Project Map



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

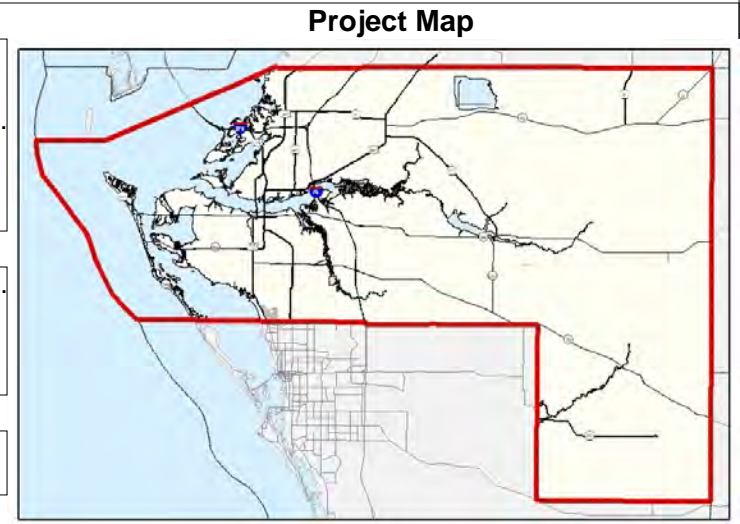
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 713,938 |
| Total Funding: | 713,938 |

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

| 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.

Project Map



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

| 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

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.

Project Map



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 | Station |
| 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 |

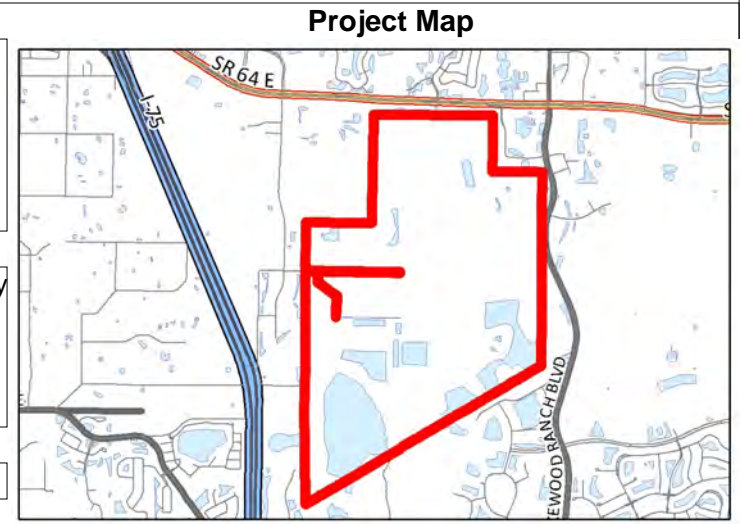
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| Debt Proceeds | 1,212,000 |
| Total Funding: | 1,212,000 |

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

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

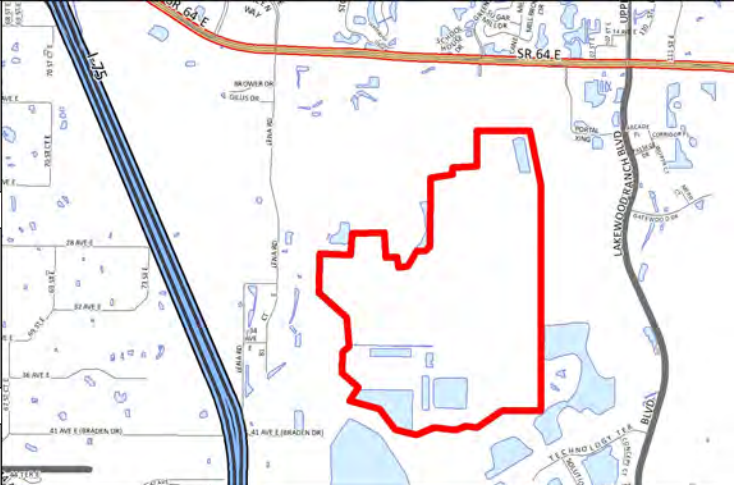
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

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

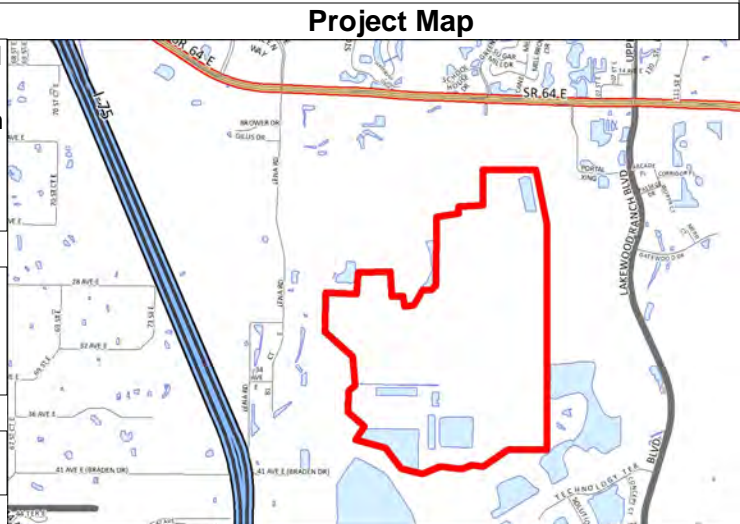
Reduce slope on the east lake to match slope of the south lake 2. Cut back berm over growth on all storage lakes. Provide erosion control at existing pump stations. Remove land separation between the two east lake sections to expand lake capacity. Install a new 15 mgd pump back station at north end of 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

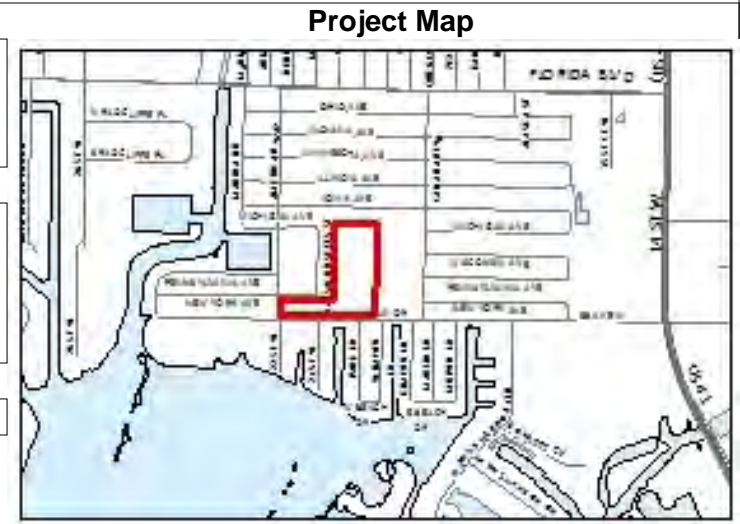
Remove existing motor control center and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other electrical components to current electrical standards.

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



| 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

| | 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# | 13A Motor Control Center Rehabilitation |
| Wastewater Restore/Rehab | WW01366 | |
| Status: Requested Initial Year: 2020 District 4 Location: 112 63rd Avenue East, Bradenton | | |
| Comprehensive Plan Information | | Project Mgr: Jeff Streitmatter |
| CIE Project: No | LOS/Concurrency: No | Plan Reference: |
| | | Project Need: Maintenance |

Scope

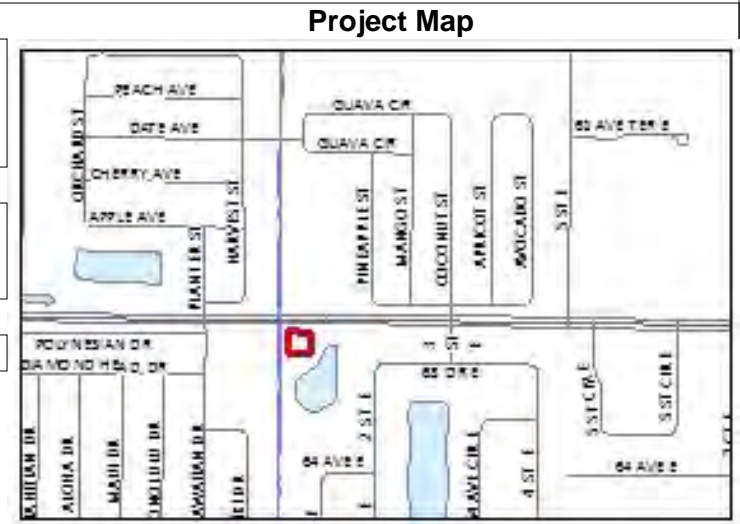
Remove existing motor control center and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other electrical components to current electrical standards.

Rationale

The motor control center needs to be upgraded and brought to proper National Electrical Code standards and upgraded to proper safety codes. Many of the electrical components are obsolete and no longer serviceable.

Funding Strategy

Utility Rates



| 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

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

Means of Financing

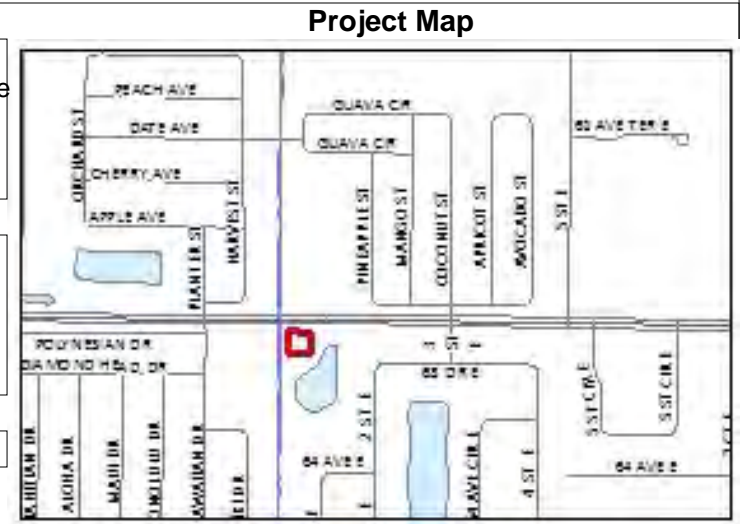
| Funding Sources | Amount |
|-----------------------|----------------|
| Rates | 336,000 |
| Total Funding: | 336,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------------------|---------------------------------------|
| Wastewater | Project# | 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.



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

| 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

| | 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 | 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

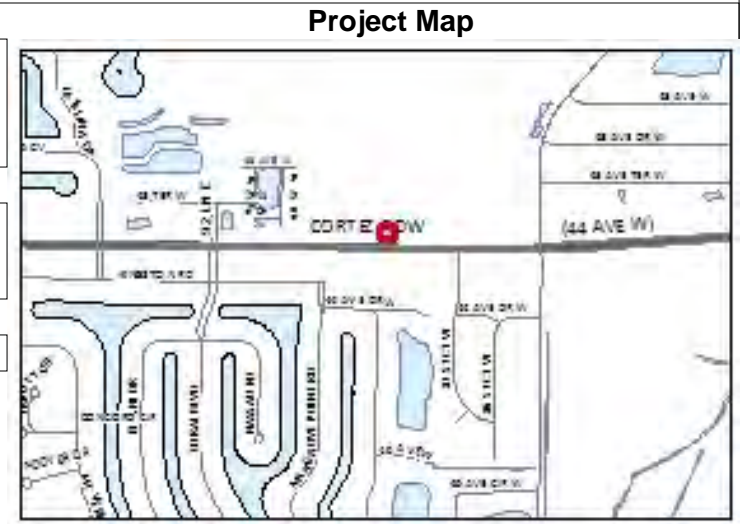
Remove existing motor control center and service entrance breaker, transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other electrical components to current electrical standards.

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 | | | 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

| | 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

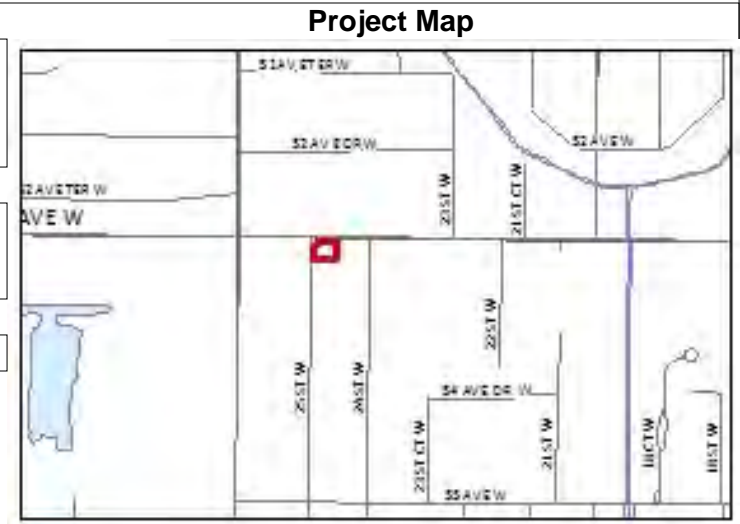
Remove existing motor control center and service entrance breaker, remove transformer, distribution center, lighting panel, equipment room lighting, and drywell lighting. Replace and upgrade all equipment as needed to bring the MCC and other electrical components to current electrical standards.

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



| 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 | 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 |

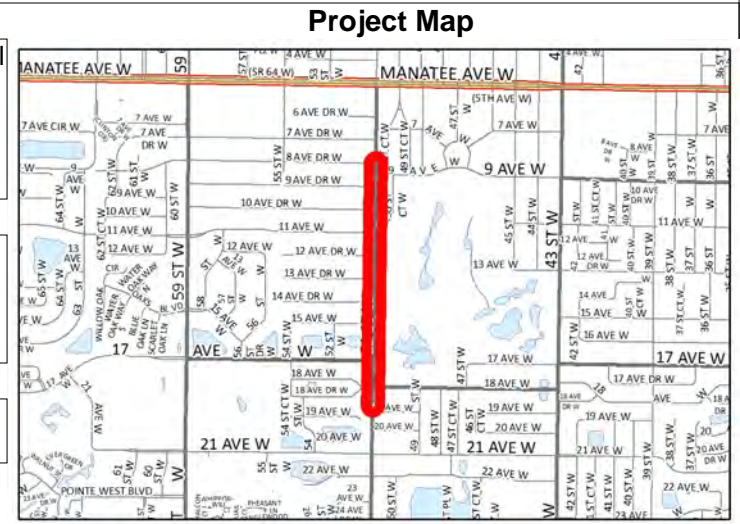
| | | | | | | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|---------------|
| Operating Budget Impacts | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | Rates | 357,000 |
| Non-Personal: | | | | | Total Funding: | 357,000 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No.of Positions: | 0 | 0 | 0 | 0 | | |

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

Replace approximately 3,300 linear feet of existing 30 inch gravity force main with 30 inch poly vinyl chloride (PVC) pipe. Replace 11 manhole locations along the route from 8th Avenue to Master Lift Station 1D, including reconnecting all laterals and associated appurtenances within the collection system. Remove out-of-service pipe and restore area including new asphalt pavement along 51st Street.



Rationale

Replacement is required due to recurring maintenance issues with the 30 inch ductile iron pipe (DIP) gravity main. The main is very deep and the latest emergency repairs caused sink holes. The line was assessed by in-house staff while exposed and it was determined the gravity main was corroded beyond repair.

Funding Strategy

Utility Rates

| 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

| | 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 | 1,970,000 |
| Rates | 350,000 |
| Total Funding: | 2,320,000 |

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

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

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: | 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

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

Means of Financing

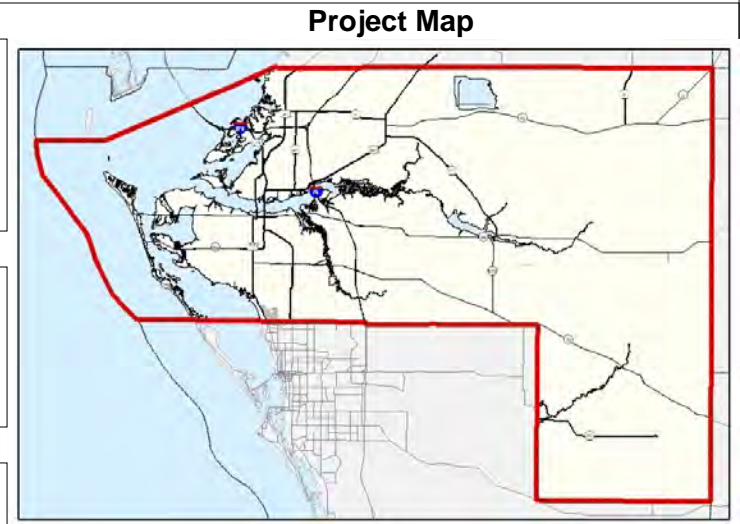
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 1,332,715 |
| Rates | 350,000 |
| Total Funding: | 1,682,715 |

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

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 | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|-----------|-----------|-----------|-----------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/14 | 09/30/20 | 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

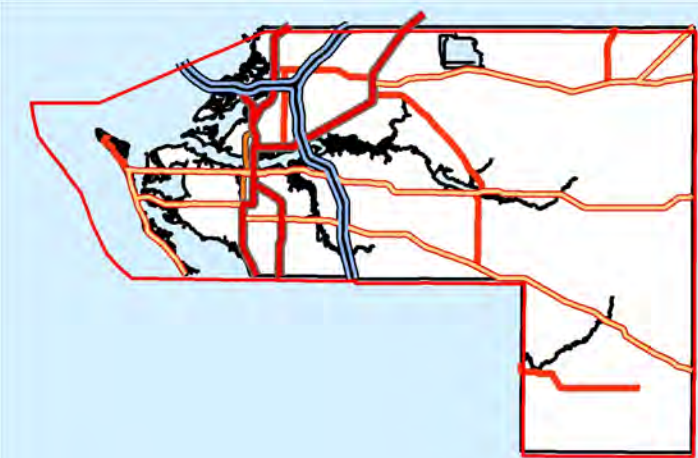
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

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 |

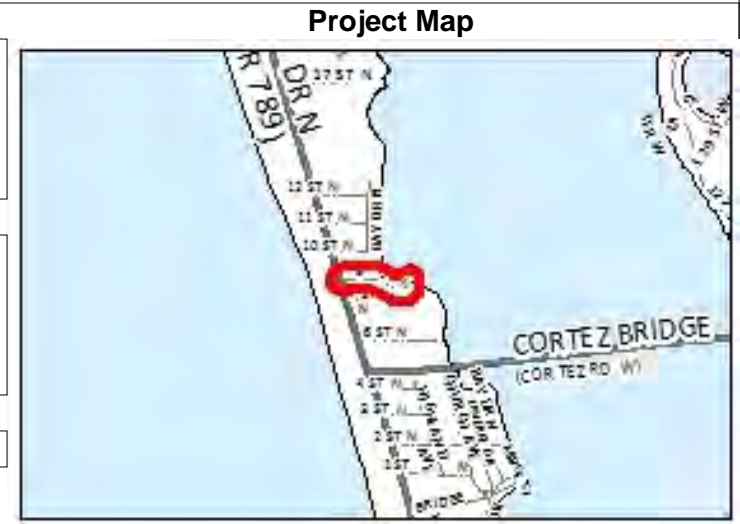
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| Rates | 3,000,000 |
| Total Funding: | 3,000,000 |

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

| 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



| 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 | 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 | | | | | Means of Financing | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|---------------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | Rates | 950,000 |
| Non-Personal: | | | | | Total Funding: | 950,000 |
| Operating Capital: | | | | | | |
| 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

| 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 | 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 |
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

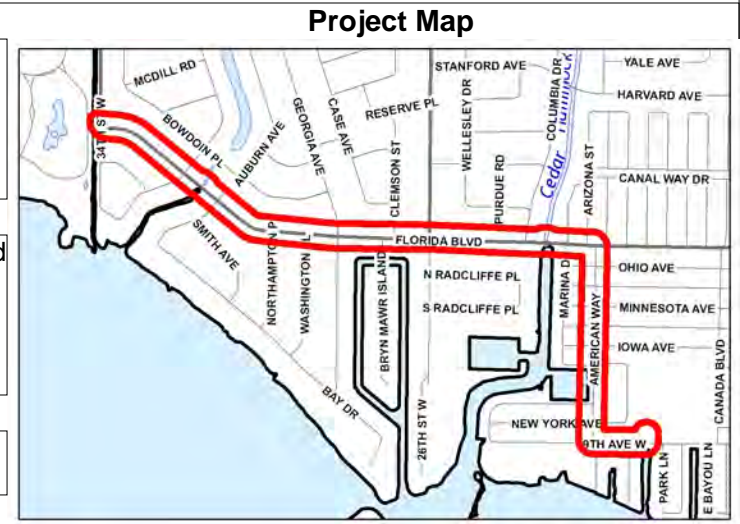
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| Rates | 1,390,000 |
| Total Funding: | 1,390,000 |

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

| 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 | 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

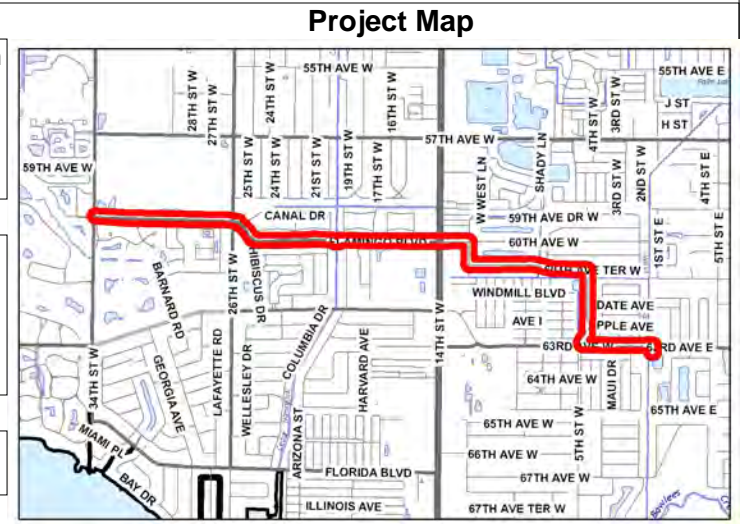
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 315,000 |
| Rates | 4,500,000 |
| Total Funding: | 4,815,000 |

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.



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

| 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 | 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 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

Replacement of approximately 3,500 linear feet of 4 inch ductile iron pipe.

Project Map



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 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

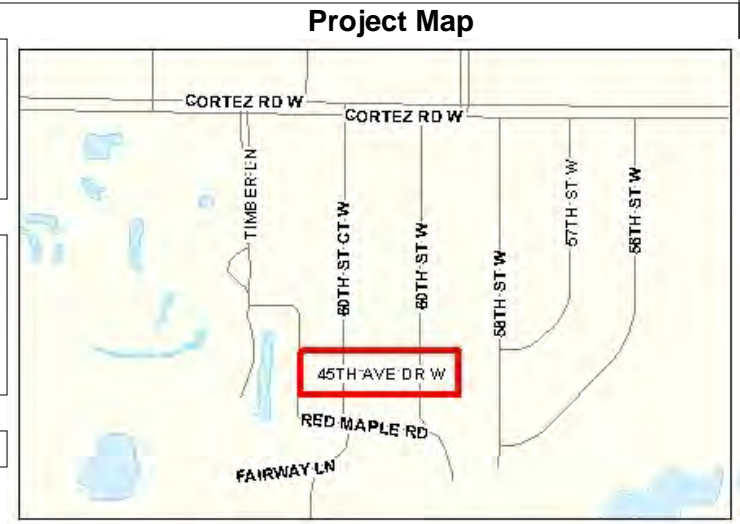
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| All Prior Funding | 64,000 |
| Rates | 319,000 |
| Total Funding: | 383,000 |

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

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

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

Means of Financing

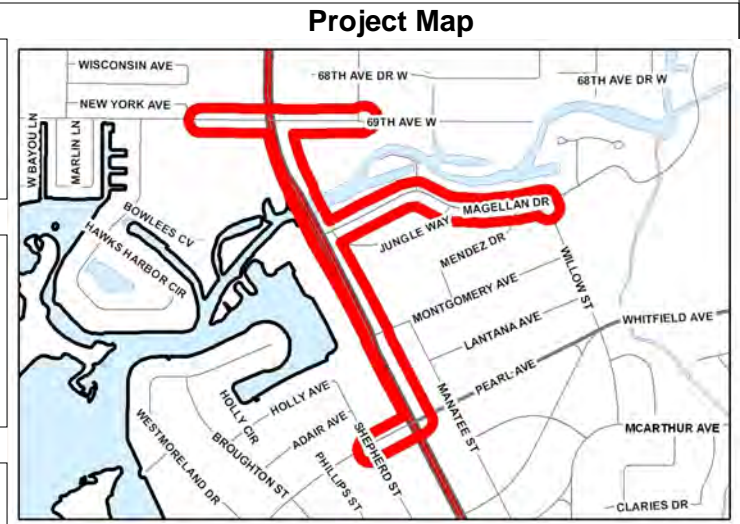
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 750,000 |
| Total Funding: | 750,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|--|
| Wastewater | Project# | Force Main 1A Whitfield Subdivision |
| Wastewater Restore/Rehab | 6052280 | |
| 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

| 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.



Rationale

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

Funding Strategy

Debt Proceeds
 Utility Rates

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| 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

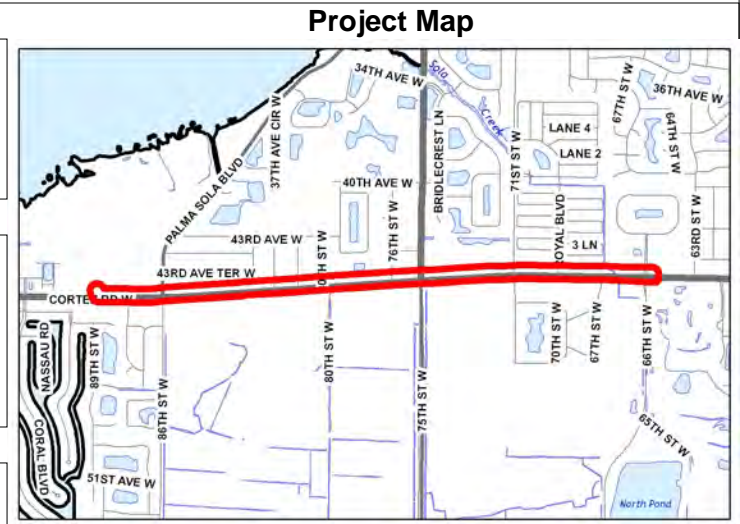
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 5,820,000 |
| Total Funding: | 5,820,000 |

MANATEE COUNTY GOVERNMENT
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

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.



Rationale

Replacement is needed due to the age of this force main that ties into two major force mains. The current force main has had one blow out and has only one valve that can be shut down in an emergency situation.

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: | 10/01/13 | 03/31/15 | 404,146 | 3,550,000 | 0 | 0 | 0 | 0 | 0 | 0 | 3,550,000 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 04/01/15 | 04/30/17 | 0 | 0 | 2,715,000 | 0 | 0 | 0 | 0 | 0 | 2,715,000 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/13 | 12/31/16 | 18,289 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 422,435 | 3,550,000 | 2,715,000 | 0 | 0 | 0 | 0 | 0 | 6,265,000 |

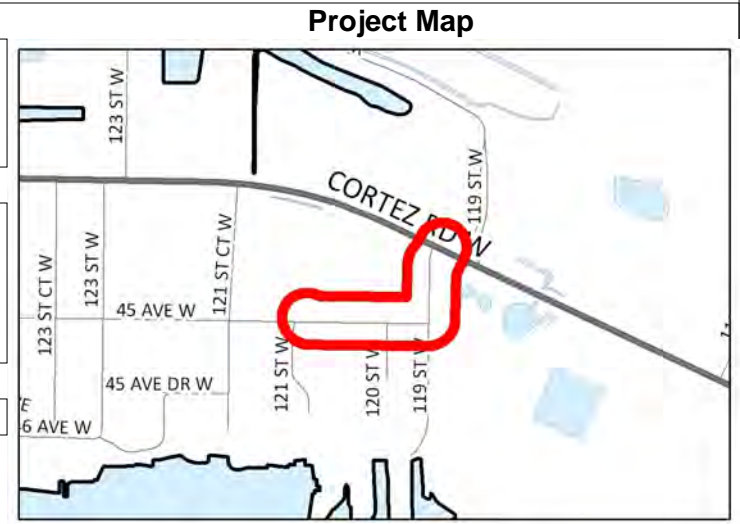
| Operating Budget Impacts | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|------------------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 3,550,000 |
| Non-Personal: | | | | | Rates | 2,715,000 |
| Operating Capital: | | | | | Total Funding: | 6,265,000 |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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

| 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

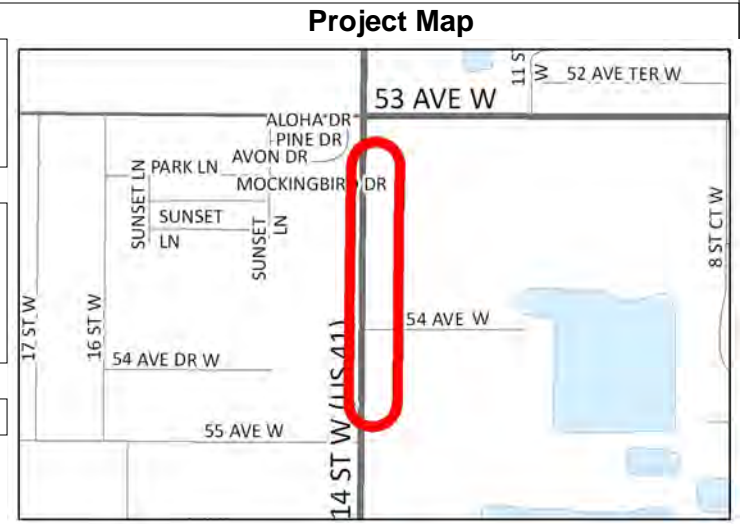
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 128,449 |
| Total Funding: | 128,449 |

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

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 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

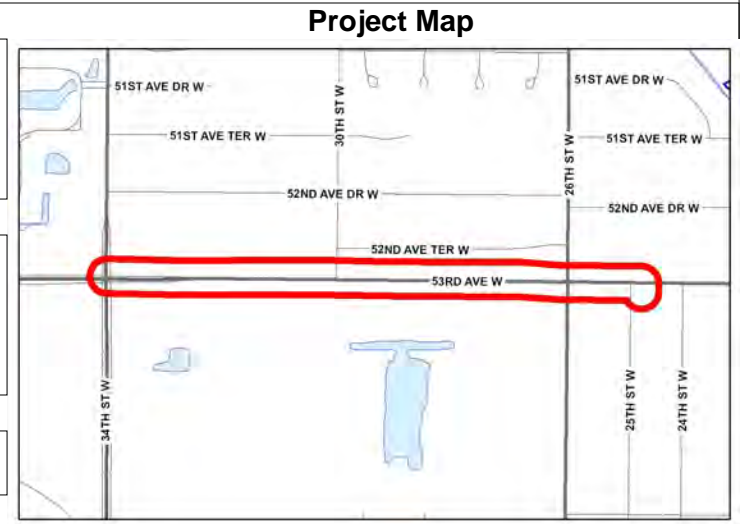
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 328,000 |
| Total Funding: | 328,000 |

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

| 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

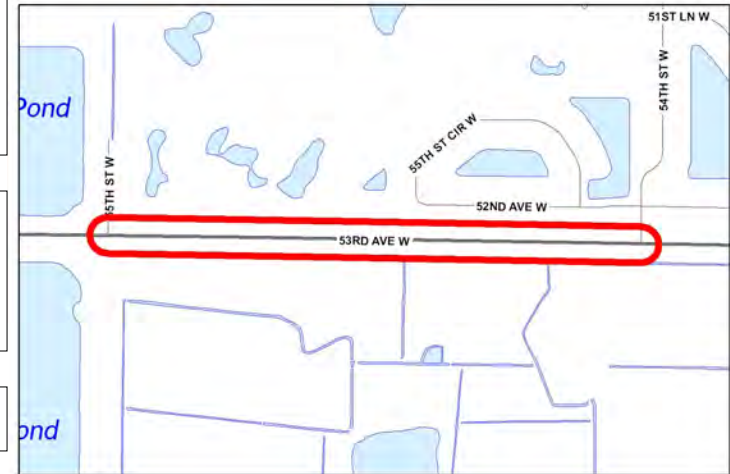
Project Mgr: **Anthony Benitez**

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

Scope

Replace approximately 6,000 linear feet of existing 30 inch force main with 42 inch force main.

Project Map



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

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

Means of Financing

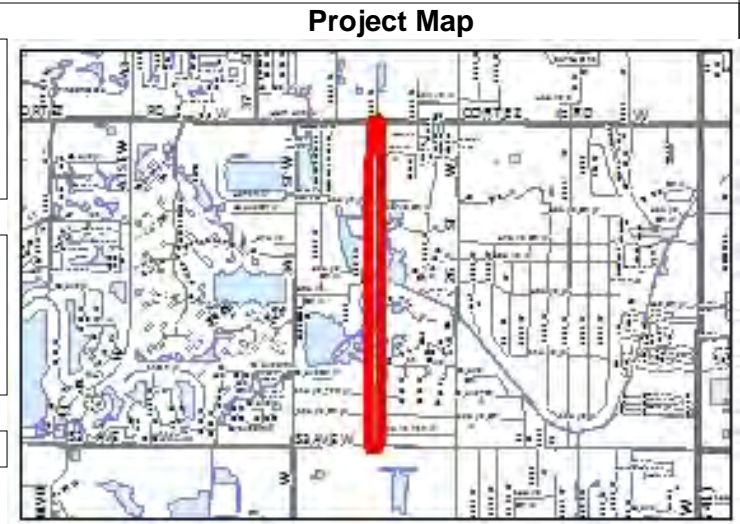
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 5,150,000 |
| Rates | 200,000 |
| Total Funding: | 5,350,000 |

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 |

Scope

Replace approximately 2,400 linear feet of 8" force main piping.



Rationale

This force main is being scheduled for replacement due to age assessment and condition risk with respect to related maintenance issues and criticality.

Funding Strategy

Utility Rates

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|--------|---------|--------|--------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | 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 |

Operating Budget Impacts

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

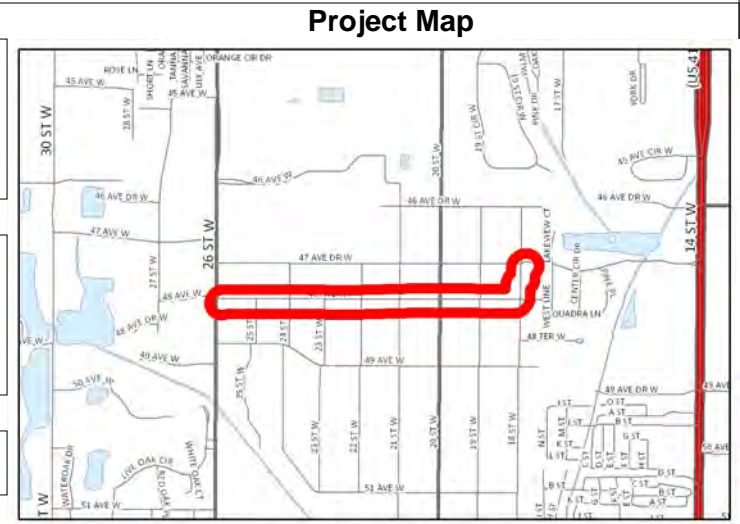
Means of Financing

| Funding Sources | Amount |
|-----------------------|----------------|
| Rates | 355,000 |
| Total Funding: | 355,000 |

MANATEE COUNTY GOVERNMENT
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 | | |
| Comprehensive Plan Information | | 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. |
| Rationale |
| This system has corroded and blown out. |
| Funding Strategy |
| Utility Rates |



| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| 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.

Project Map



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

| 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 | 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 |

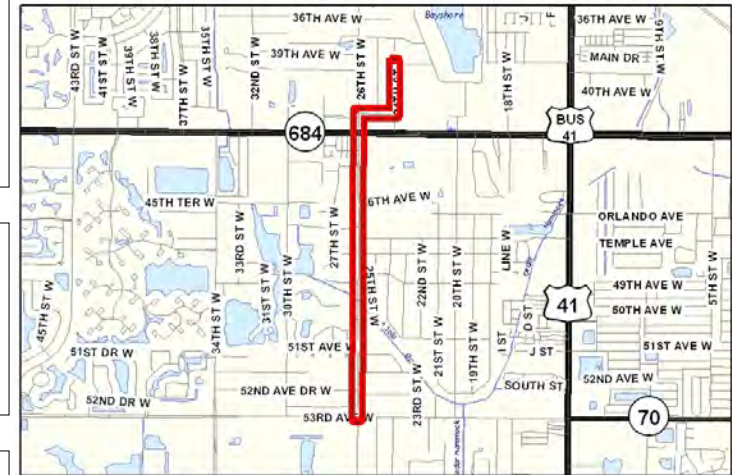
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------------------|---|
| 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

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 07/01/11 | 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.

Project Map



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

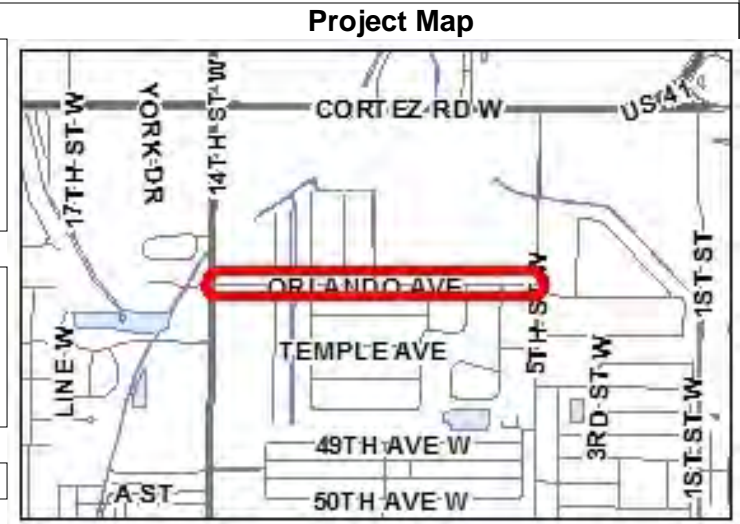
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 5,004,000 |
| Total Funding: | 5,004,000 |

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

| 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 | | | | | Means of Financing | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|---------------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | Rates | 560,000 |
| Non-Personal: | | | | | Total Funding: | 560,000 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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

| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | 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 | |
| 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 | 11,516 | 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 |

| | | | | | | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|----------------|
| Operating Budget Impacts | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 392,175 |
| Non-Personal: | | | | | Rates | 50,000 |
| Operating Capital: | | | | | Total Funding: | 442,175 |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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 | |
| 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 | 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 |

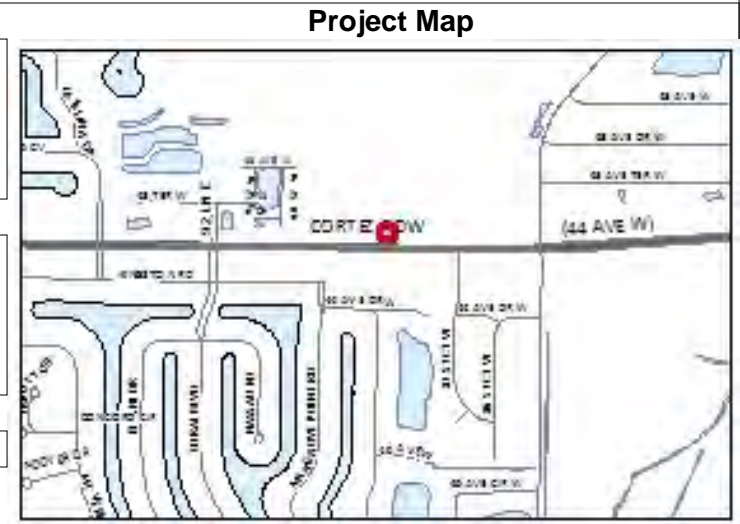
| | | | | | | |
|---------------------------------|---------------|---------------|---------------|---------------|---------------------------|---------------|
| Operating Budget Impacts | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | Rates | 888,250 |
| Non-Personal: | | | | | Total Funding: | 888,250 |
| 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

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 | 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 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

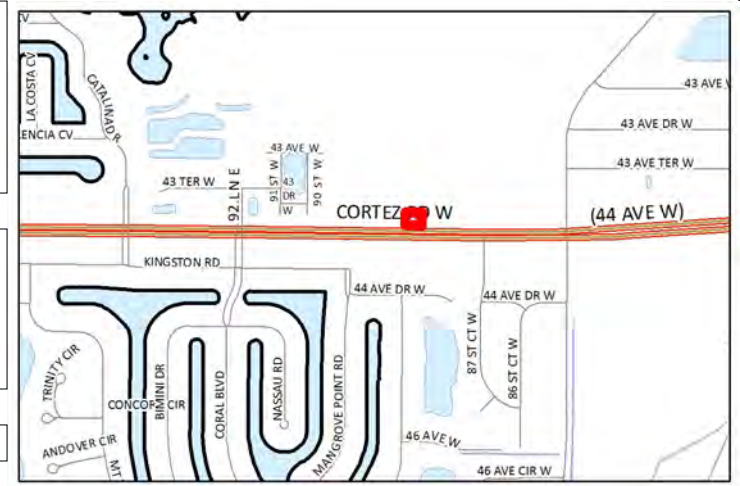
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 457,750 |
| Rates | 50,000 |
| Total Funding: | 507,750 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|--|----------------|-------------------------------------|
| Wastewater | Project# | MLS 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.



Rationale

The existing comminuters have broken down and are beyond repair. The wet wells were relined over 10 years ago and are failing. The liners need to be replaced to prevent damage to the wet well concrete structure from hydrogen sulfide gas common in the sewer 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: | 01/12/15 | 02/28/16 | 19 | 645,000 | 0 | 0 | 0 | 0 | 0 | 0 | 645,000 |
| Equipment: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/12 | 02/28/16 | 3,959 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Totals: | | | 3,978 | 645,000 | 0 | 0 | 0 | 0 | 0 | 0 | 645,000 |

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 | 645,000 |
| Total Funding: | 645,000 |

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. | |
| 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 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

Rehabilitate and replace the communitors, pumps, and variable frequency drives.

Project Map



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

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 |

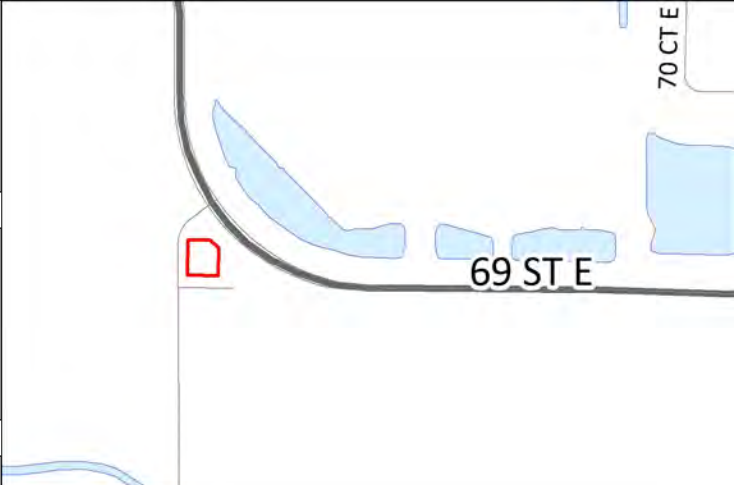
| | |
|---|--------------------|
| Scope | Project Map |
| Remove existing fiberglass liner, repair concrete structure, apply new liner, repair/replace platform, grating, stairs, and handrails as necessary. Replace stop gates, dimminutor and flow meter, and install new LED lighting system. | |
| Rationale | |
| 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 | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|--------|---------|--------|--------|--------|--------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | 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 | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | Debt Proceeds | 457,750 |
| Non-Personal: | | | | | Total Funding: | 457,750 |
| Operating Capital: | | | | | | |
| 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 | | | | | Means of Financing | |
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 229,375 |
| Non-Personal: | | | | | Rates | 300,000 |
| Operating Capital: _____ | | | | | Total Funding: | 529,375 |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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

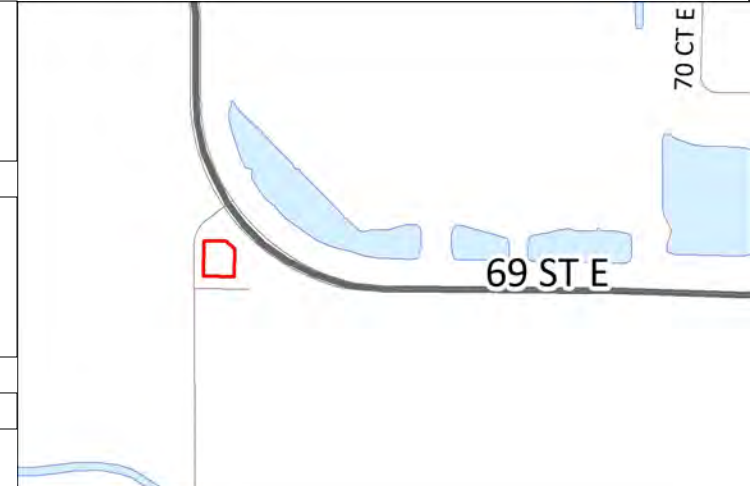
Project Mgr: **Jeff Streitmatter**

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

Scope

Remove existing emergency power generator from inside lift station building and install larger generator outside with sound attenuating enclosure.

Project Map



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

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.

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: | 10/01/15 | 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 |
|---------------------------------|

| | | | | |
|--------------------|---------------|---------------|---------------|---------------|
| | 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 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 | Project Map |
| 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 |

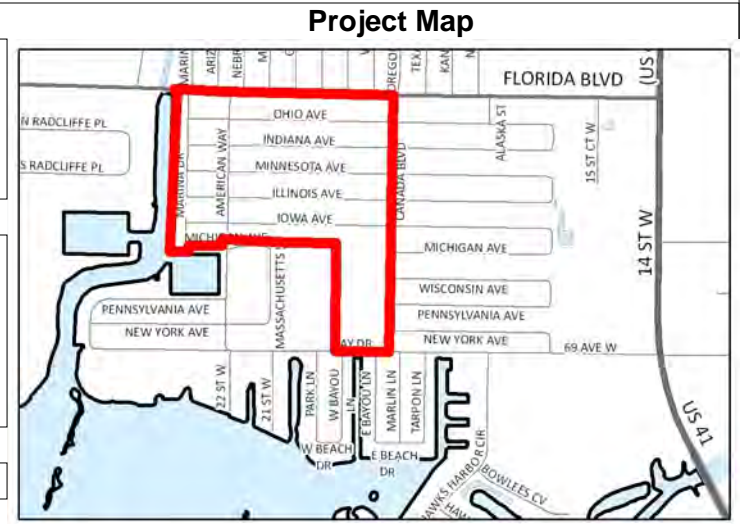
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| All Prior Funding | 655,428 |
| Total Funding: | 655,428 |

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

| 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 |

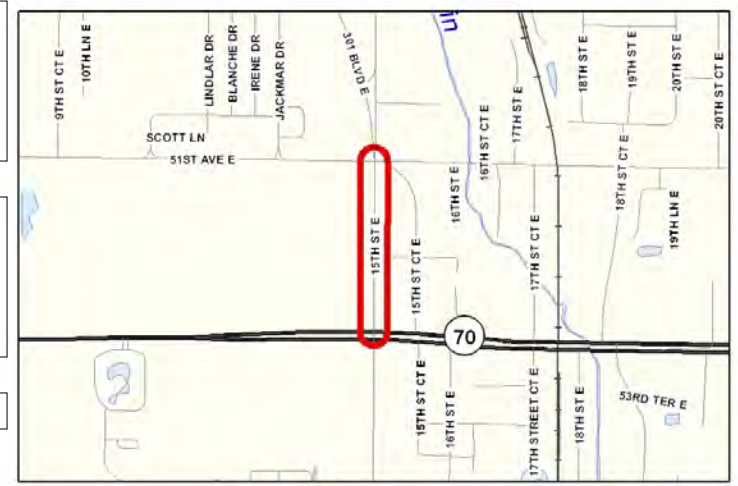
MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------|--|
| Wastewater | Project# | 15th Street East - 301 Boulevard - US 41 - 53rd Avenue East - |
| Wastewater Transportation Related | 6029980 | Sewer |
| 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.

Project Map



Rationale

Relocate and upgrade 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: | 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

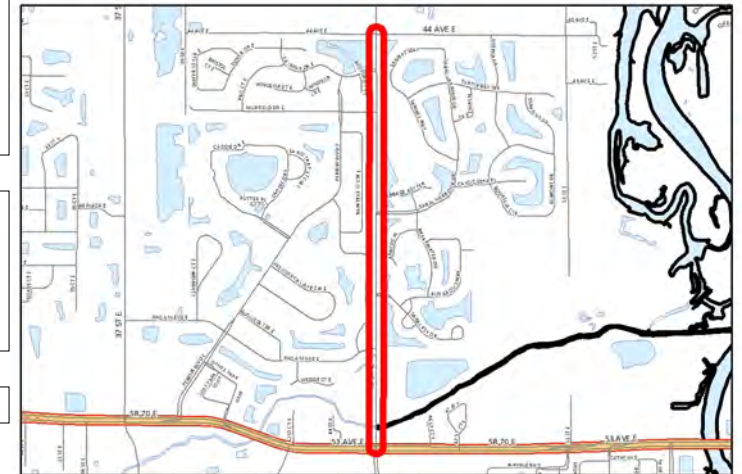
Project Mgr: **Kent Bontrager**

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.

Project Map



Rationale

Improve sewer line location and 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: | 10/01/12 | 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 |

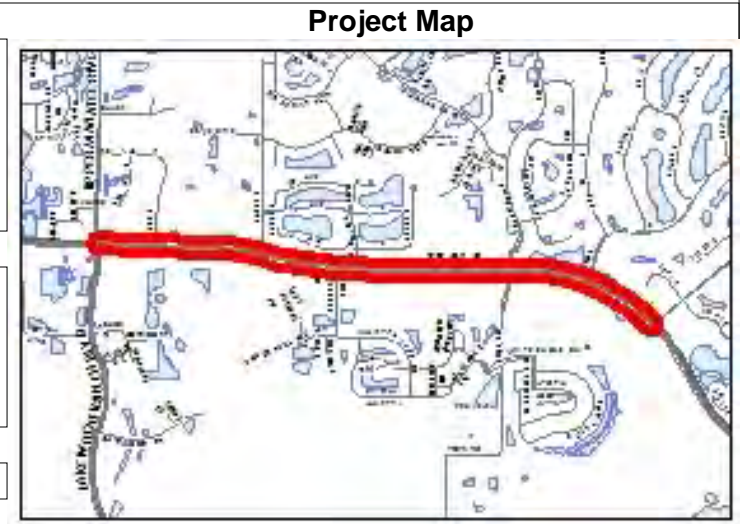
| Means of Financing | |
|---------------------------|----------------|
| Funding Sources | Amount |
| All Prior Funding | 160,000 |
| Total Funding: | 160,000 |

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

| 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

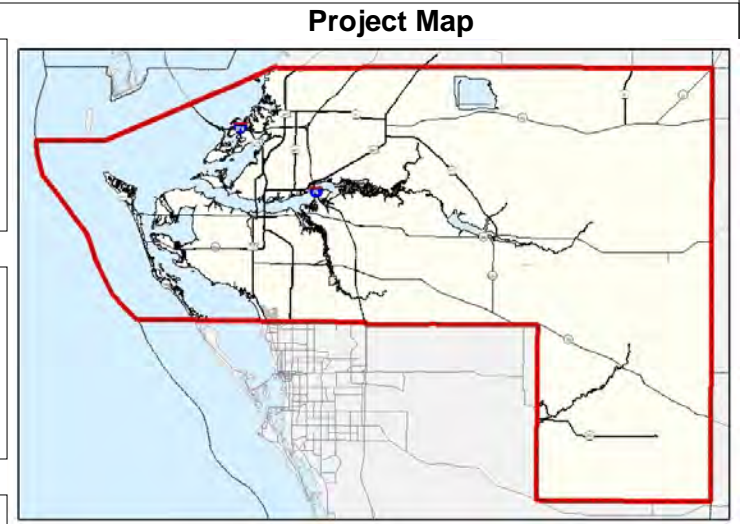
| Funding Sources | Amount |
|--------------------------|------------------|
| All Prior Funding | 200,000 |
| Facility Investment Fees | 1,750,000 |
| Total Funding: | 1,950,000 |

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

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 | 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

| | | |
|---|----------------------------|---|
| 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

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

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

Means of Financing

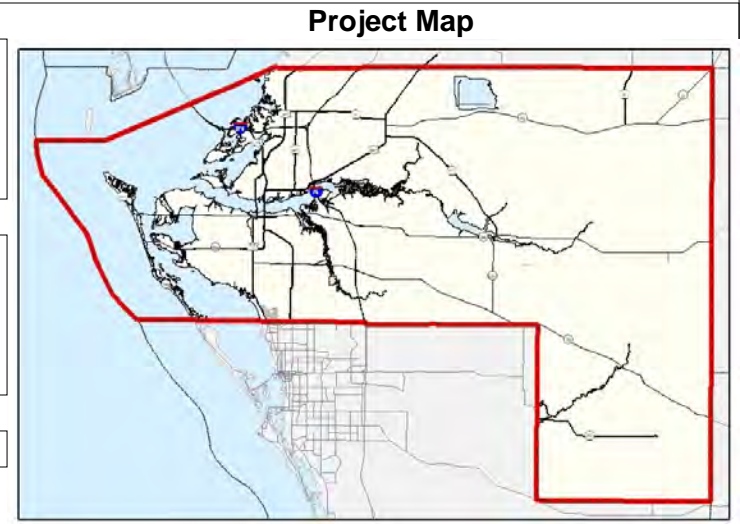
| Funding Sources | Amount |
|-----------------------|----------------|
| All Prior Funding | 160,000 |
| Total Funding: | 160,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|--|
| Wastewater | Project# | 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

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 | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|--------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 34,975 |
| Non-Personal: | | | | | Total Funding: | 34,975 |
| Operating Capital: | | | | | | |
| Operating Total: | | | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 | | |

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

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

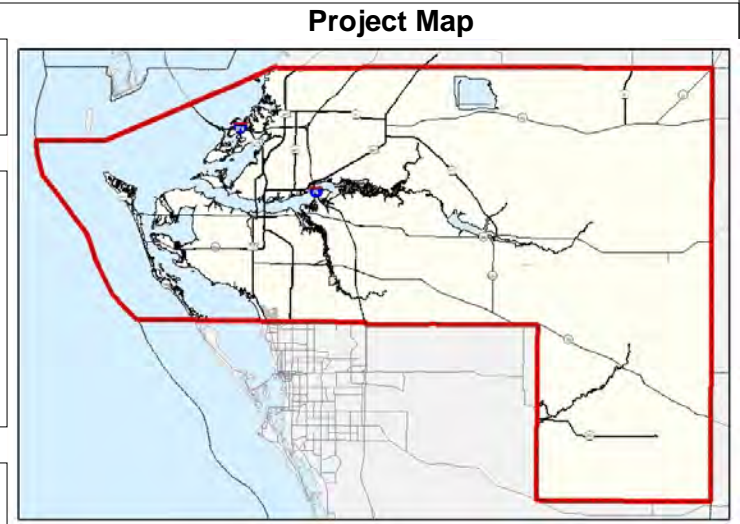
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| Debt Proceeds | 4,262,000 |
| Total Funding: | 4,262,000 |

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

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

| | 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 | 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

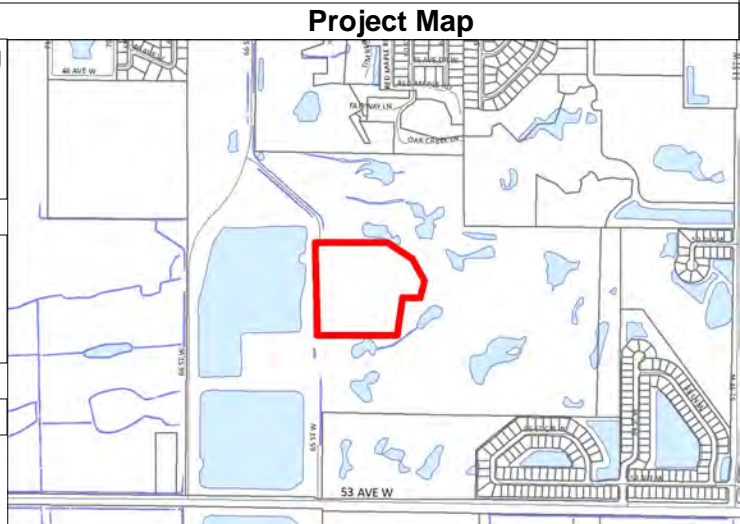
Install a sodium hypochlorite storage and feed system to chlorinate water supplied from the existing 10 million gallon storage tanks to MARS. This should include storage tank with containment, feed pumps, chlorine residual monitoring and control, roof-over, truck unloading, eyewash and any other necessary 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

Upsizing of reclaimed water transmission lines in various locations in response to developer construction occurring ahead of our master plan.

Project Map



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

Construct reclaim water line from Harrison Ranch Boulevard to Copperstone Phase 1 using approximately 7,800 linear feet of 16 inch ductile iron pipe.

Project Map



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

| | 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 | 311,000 |
| Facility Investment Fees | 1,730,000 |
| Total Funding: | 2,041,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|---|
| Wastewater | Project# | Manatee Agricultural Reuse Supply - Management |
| Wastewater Treatment | 6082091 | Improvements |
| 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 |

Scope

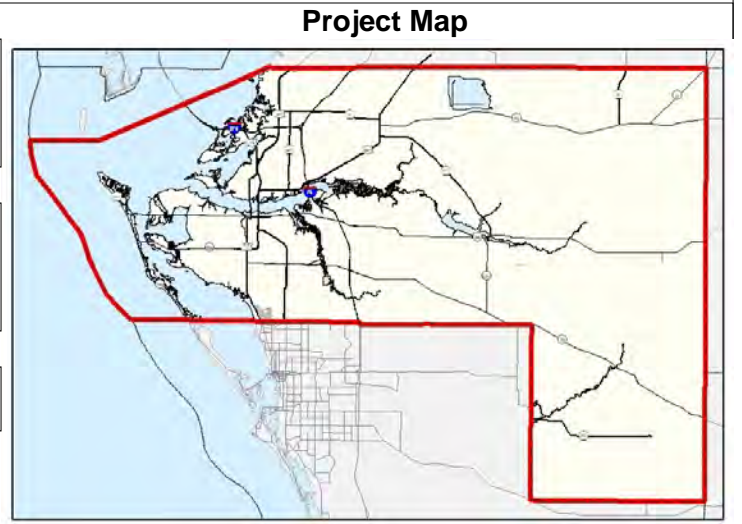
Installation of meters between services areas, control valves for remote operation and redirection of flow, adding telemetry and control at the water reclamation facilities and Manatee Agricultural Reuse Supply (MARS) pump stations. Develop a central Supervisory Control and Data Acquisition (SCADA) control network to operate MARS independent of plant operations.

Rationale

Currently, MARS system's master meters do not provide adequate detail for tracking flows within or between the service areas. This project will build on the existing MARS and SCADA systems to improve reporting of reclaimed water usage and will provide the county with the ability to remotely manage and monitor the reclaim water system independent of plant operations.

Funding Strategy

Utility Rates



| 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 | 03/31/15 | 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 |

Operating Budget Impacts

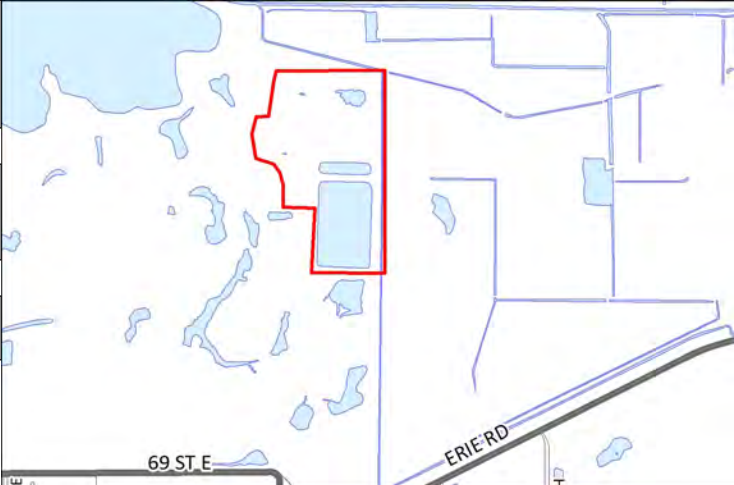
| | FY2017 | FY2018 | FY2019 | FY2020 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 3,770,000 |
| 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 complete 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 |

MANATEE COUNTY GOVERNMENT
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

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.

Project Map



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 |
|--------------------|---------|---------|---------|--------|
| Personal: | | | | |
| Non-Personal: | 374,280 | 374,280 | 374,280 | 0 |
| Operating Capital: | | | | |
| Operating Total: | 374,280 | 374,280 | 374,280 | 0 |
| No. of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

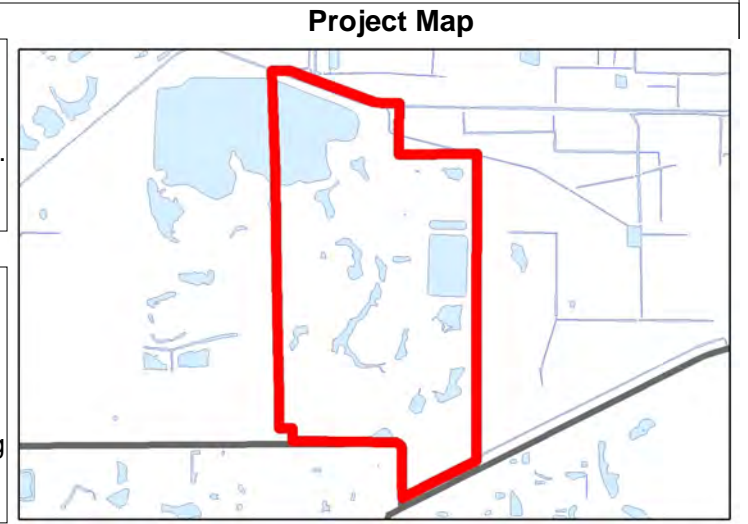
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 8,997,719 |
| Total Funding: | 8,997,719 |

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

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

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

Means of Financing

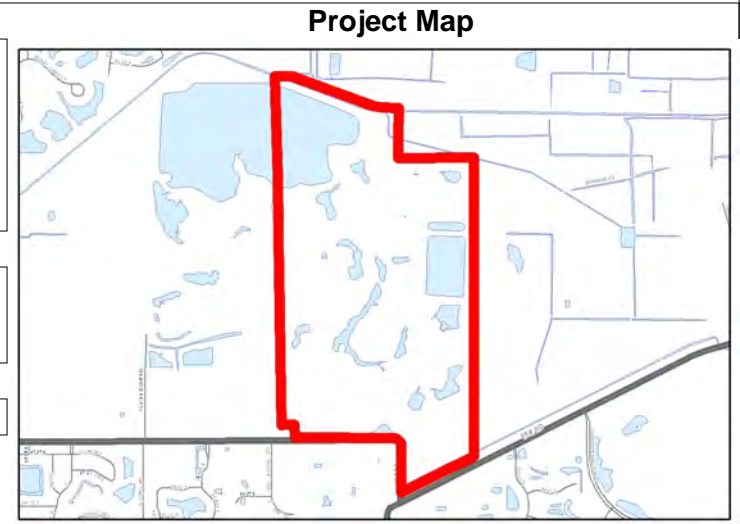
| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 780,000 |
| Debt Proceeds | 3,900,000 |
| Rates | 1,963,000 |
| Total Funding: | 6,643,000 |

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

| 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 | | | | | Means of Financing | |
|---------------------------------|--------|--------|--------|--------|---------------------------|--------|
| | FY2017 | FY2018 | FY2019 | FY2020 | Funding Sources | Amount |
| Personal: | | | | | All Prior Funding | 50,112 |
| Non-Personal: | | | | | Total Funding: | 50,112 |
| Operating Capital: | | | | | | |
| 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 Recharge Wells Pump Station |
| Wastewater Treatment | 6087390 | |

Status: Existing Initial Year: 2014 District 1 Location: Buffalo Creek Golf Course & Erie Road

Comprehensive Plan Information

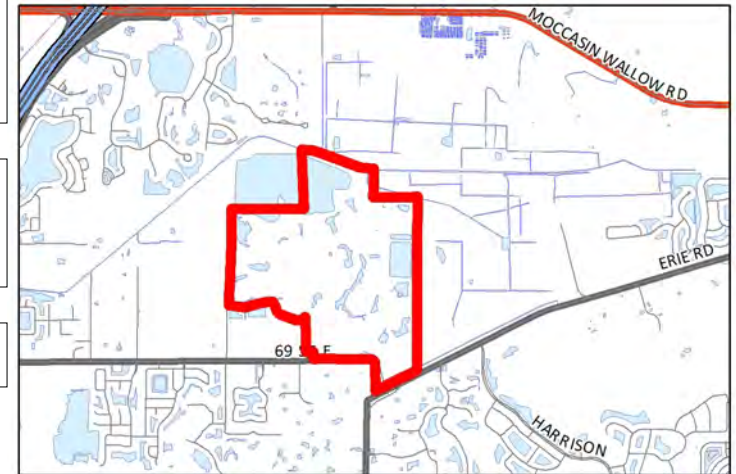
Project Mgr: **Jeff Streitmatter**

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

Scope

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.

Project Map



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

| | 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 | 4,200,000 |
| Facility Investment Fees | 400,000 |
| Total Funding: | 4,600,000 |

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

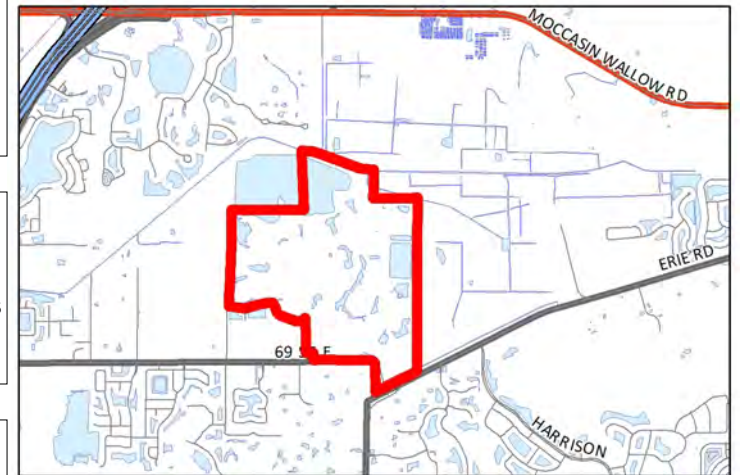
Project Mgr: **Jeff Streitmatter**

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

Scope

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.

Project Map



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

| | 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 | 5,637,500 |
| Facility Investment Fees | 4,137,500 |
| Total Funding: | 9,775,000 |

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

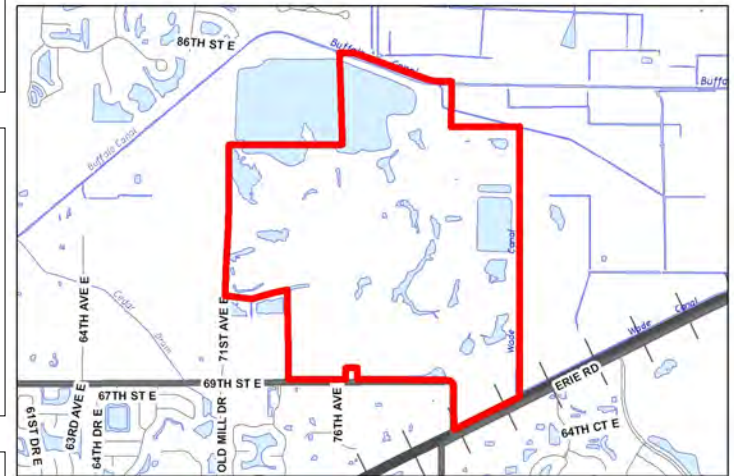
Project Mgr: **Brian Bates**

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

Scope

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.

Project Map



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 Tanks and Interconnection |
| Wastewater Treatment | 6084880 | |

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

Comprehensive Plan Information

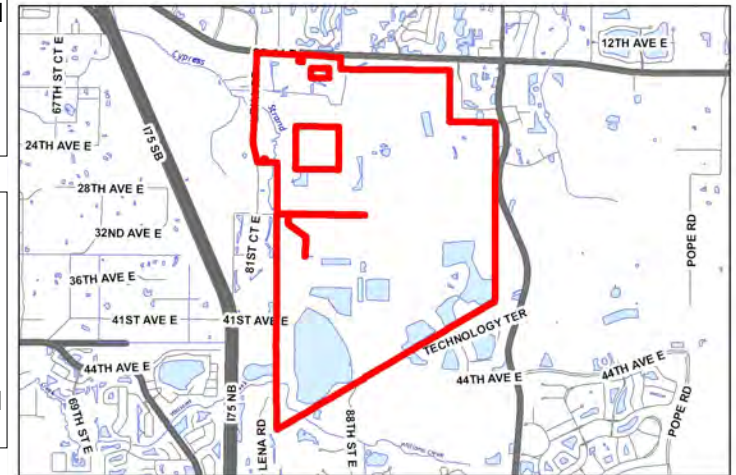
Project Mgr: **Anthony Benitez**

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 10/01/13 | 02/01/14 | 25,623 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land: | | | 0 | 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 | 0 | 9,866,747 |
| Equipment: | | | 0 | 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 | 0 | 32,000 |
| Totals: | | | 3,581,218 | 9,898,747 | 0 | 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

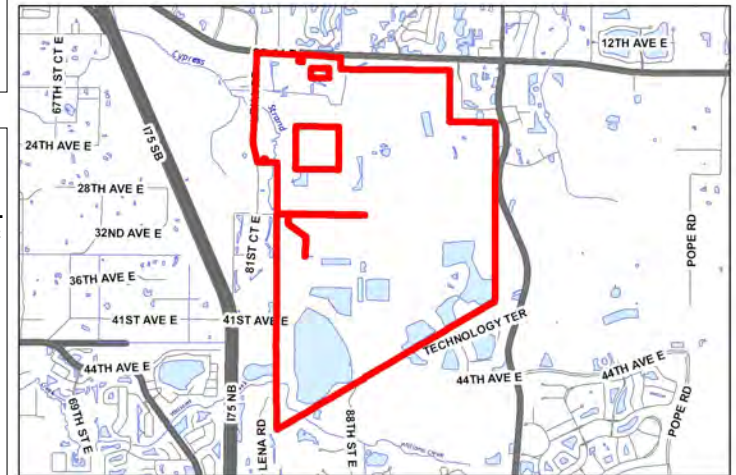
Project Mgr: **Kent Bontrager**

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

Scope

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.

Project Map



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

| | 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 | 1,595,000 |
| Total Funding: | 1,595,000 |

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

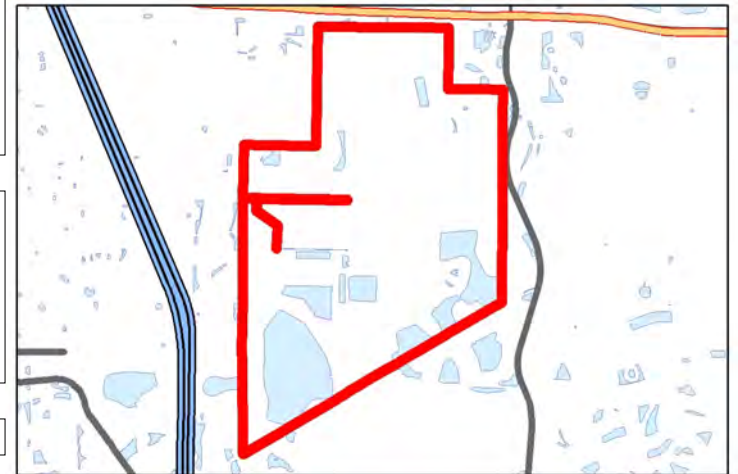
Project Mgr: **Ricardo Colon**

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------------|----------|----------|----------|----------|----------|----------------------|
| 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 | 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.

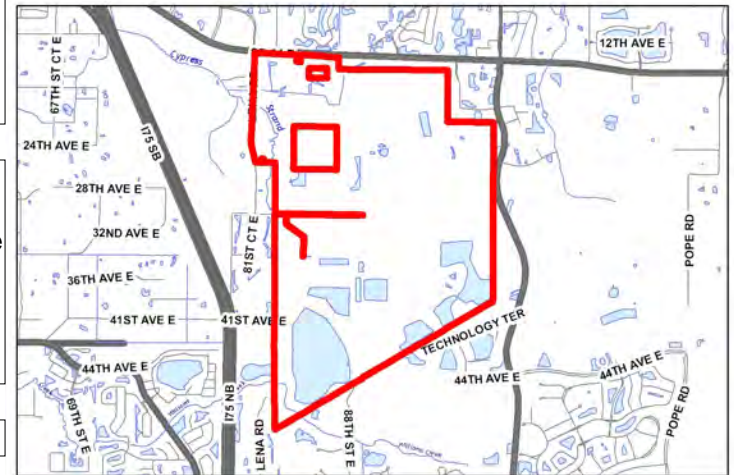
Rationale

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

Funding Strategy

Utility Rates

Project Map



| Schedule of Activities | | | Programmed Funding | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------------|----------|----------|----------|----------|----------|----------------------|
| 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 | 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

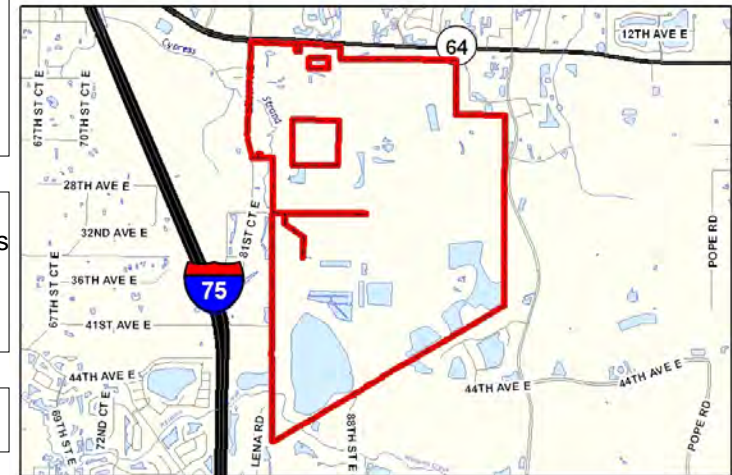
Project Mgr: **Ricardo Colon**

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

Scope

Installation of lake filtration system, pump station upgrades, valves, flow meters, chemical feed system and appurtenances.

Project Map



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

| | 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 | 6,545,000 |
| Total Funding: | 6,545,000 |

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

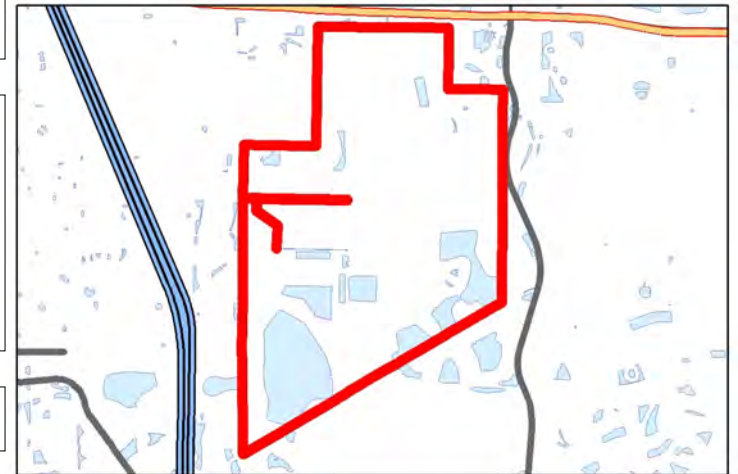
Project Mgr: **Tom Yarger**

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

Scope

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.

Project Map



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

| | 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 | 3,036,000 |
| Total Funding: | 3,036,000 |

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

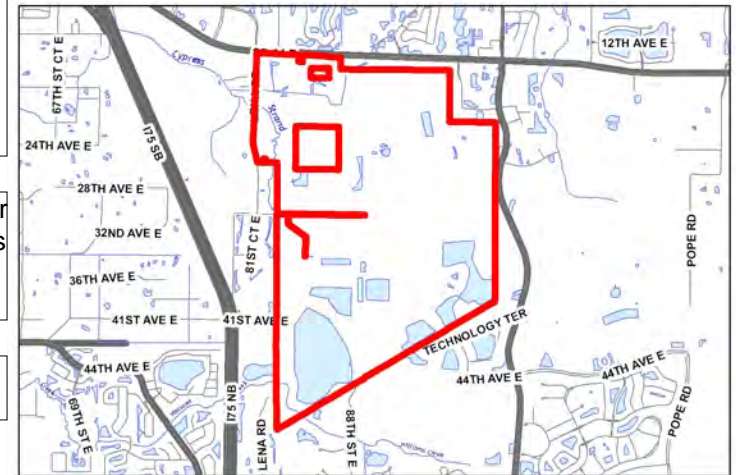
Project Mgr: **Ricardo Colon**

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| 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 | 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.

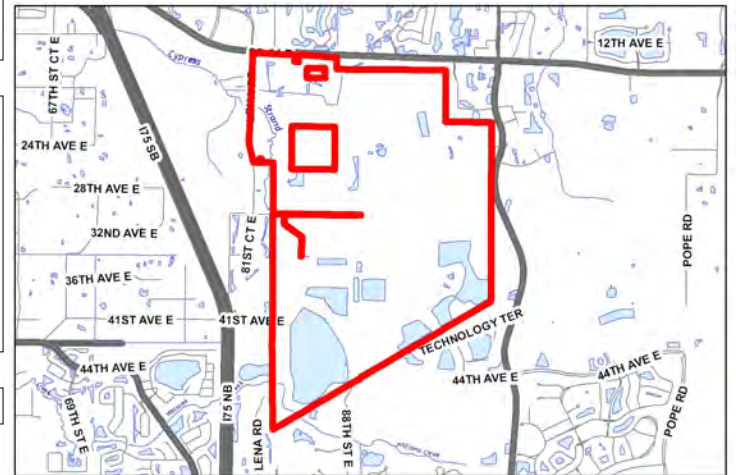
Rationale

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| 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 | 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 |
| Wastewater Treatment | WW01370 | System Rehab/Enhancement |

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

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.

Project Map



Rationale

Much of the equipment at the SWWRF is more than 25 years old, some is obsolete, and most is nearing the end of its 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

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.

Project Map



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

| | 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 | 810,000 |
| Total Funding: | 810,000 |

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

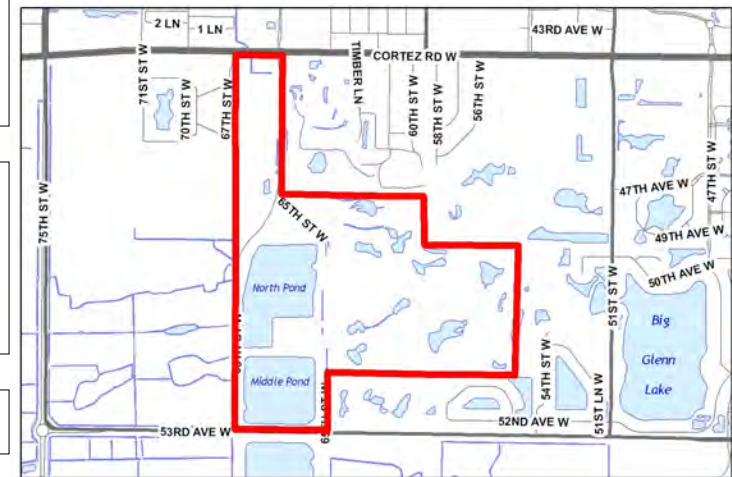
Project Mgr: **Anthony Benitez**

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| 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 |

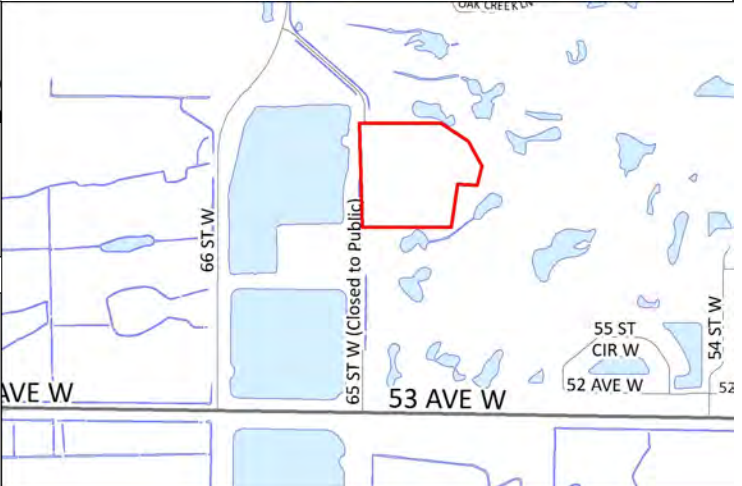
| Means of Financing | |
|---------------------------|------------------|
| Funding Sources | Amount |
| Debt Proceeds | 1,823,000 |
| Total Funding: | 1,823,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|---|----------------------------|--|
| Wastewater | Project# | Southwest Water Reclamation Facility Chlorine Contact Chamber |
| Wastewater Treatment | WW01252 | Chamber |
| 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

| | 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 | 1,152,000 |
| Total Funding: | 1,152,000 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|-----------------------------|----------------|---|
| Wastewater | Project# | Southwest Water Reclamation Facility Clarifier 3 and 4 |
| 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.

Project Map



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

| 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 | 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 |
|--------------------|--------|--------|--------|--------|
| Personal: | | | | |
| Non-Personal: | | | | |
| Operating Capital: | | | | |
| Operating Total: | | | | |
| No. of Positions: | 0 | 0 | 0 | 0 |

Means of Financing

| Funding Sources | Amount |
|-----------------------|------------------|
| All Prior Funding | 3,250,000 |
| Total Funding: | 3,250,000 |

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

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.

Project Map



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

| | 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 | 6,464,000 |
| Rates | 163,000 |
| Total Funding: | 6,627,000 |

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| 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 |
| Wastewater Treatment | WW01254 | Rehabilitation |

Status: Requested Initial Year: 2018 District 3 Location: 5101 65th Street West, Bradenton

Comprehensive Plan Information

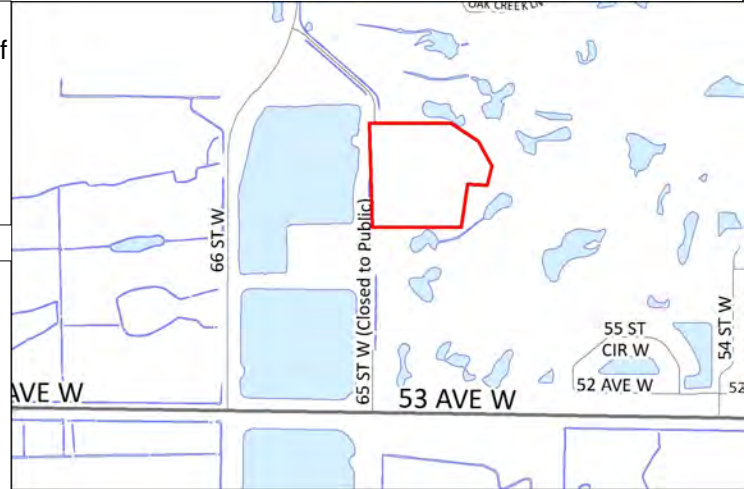
Project Mgr: **Jeff Streitmatter**

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

Scope

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.

Project Map



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

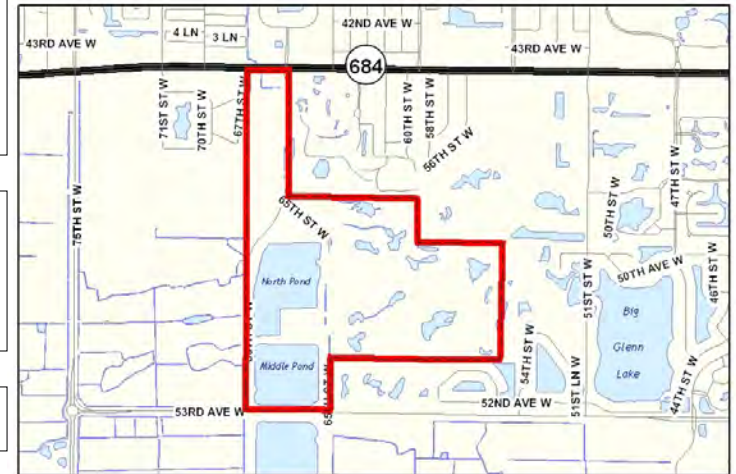
Project Mgr: **Anthony Benitez**

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

| 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 | 09/30/13 | 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.

Project Map



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

| 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 | 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 |

Means of Financing

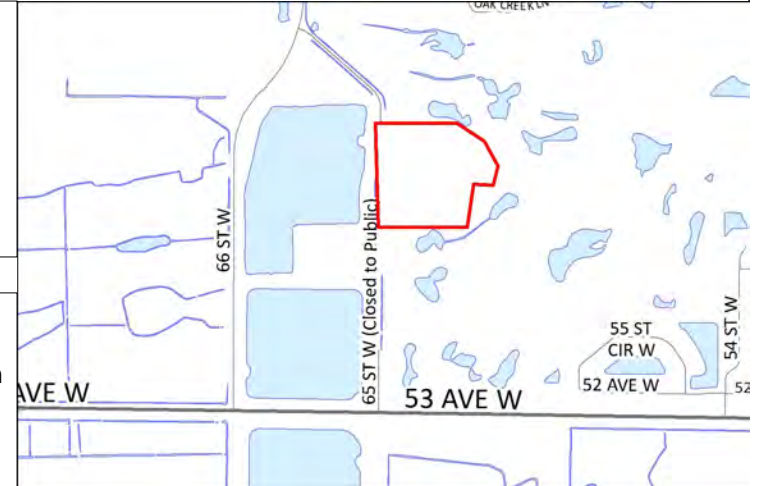
| Funding Sources | Amount |
|-----------------------|-------------------|
| All Prior Funding | 15,610,135 |
| Total Funding: | 15,610,135 |

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| Activity | From | To | Expended to Date | Prior Year Approp. | FY2016 | FY2017 | FY2018 | FY2019 | FY2020 | Future | Appropriated to Date |
| Design: | 04/01/10 | 09/30/13 | 1,065,744 | 85,000 | 0 | 0 | 0 | 0 | 0 | 0 | 85,000 |
| Land: | | | 0 | 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 | 0 | 20,085,383 |
| Equipment: | | | 0 | 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 | 0 | 210,000 |
| Totals: | | | 9,792,415 | 20,380,383 | 0 | 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.

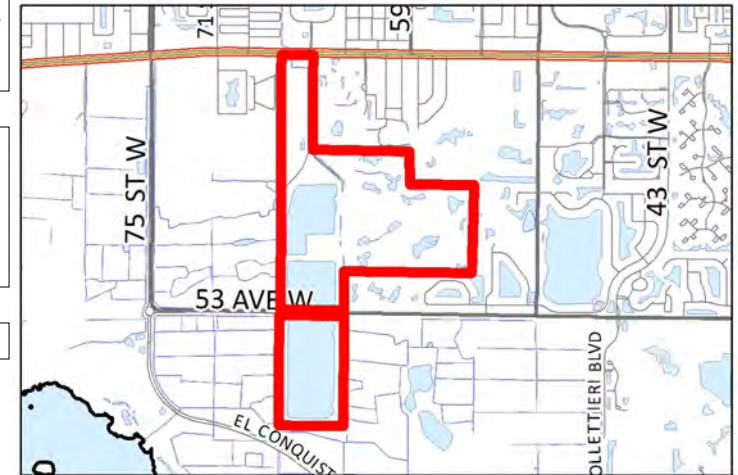
Rationale

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 | | | | | | | | |
|-------------------------------|----------|----------|---------------------------|--------------------|----------|----------|----------|----------|----------|----------|----------------------|
| 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 | 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 |

MANATEE COUNTY GOVERNMENT
Fiscal Year 2016 - 2020 Capital Improvement Program

| | | |
|-----------------------------|----------------|--|
| Wastewater | Project# | Utility Operation Warehouse, Collections, Lift Station and Office Complex |
| Wastewater Treatment | 6019205 | |

Status: Existing Initial Year: 2004 District 3 Location: 66th Street West & Cortez Road

Comprehensive Plan Information

Project Mgr: **Tom Yarger**

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

Scope

Design, permitting and construction of a 16,000 square foot pre-engineered metal building, including a pump wash station, secure storage for the mapping section and an elevated slab to prevent potential flooding issues.

Project Map



Rationale

The existing building has reached the end of its useful life. Planned renovations to the existing structure would likely trigger full Building Code compliance issues and would make renovation costs prohibitive.

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: | 10/01/09 | 07/31/10 | 312,984 | 239,000 | 0 | 0 | 0 | 0 | 0 | 0 | 239,000 |
| Land: | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction: | 08/01/09 | 09/30/15 | 2,579,512 | 3,025,000 | 0 | 0 | 0 | 0 | 0 | 0 | 3,025,000 |
| Equipment: | 10/01/09 | 12/31/14 | 86,240 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Project Mgt.: | 10/01/09 | 09/30/15 | 246,206 | 236,000 | 0 | 0 | 0 | 0 | 0 | 0 | 236,000 |
| Totals: | | | 3,224,943 | 3,500,000 | 0 | 0 | 0 | 0 | 0 | 0 | 3,500,000 |

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 | 3,500,000 |
| Total Funding: | 3,500,000 |



**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 - SWWRF 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 Subdivision 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.

Manatee County

FY2016 – FY2020 Capital Improvement Program

Glossary of Terms

Local Road

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

Mandate

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

Mass Transit

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

Operating Budget Impacts

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

Paratransit

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

Personal Services Expenditures

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

Potable Water

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

Potable Water Facilities

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

Preserve

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

Manatee County FY2016 – FY2020 Capital Improvement Program Glossary of Terms

Prior Year Appropriation

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

Project

See Capital Project.

Property (Ad Valorem) Taxes

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

Proposed Budget

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

Proprietary Fund

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

Reserves

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

Revenue

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

Right of Way

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

Solid Waste

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

Manatee County

FY2016 – FY2020 Capital Improvement Program

Glossary of Terms

Solid Waste Facilities

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

Special Revenue Fund

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

Stormwater

The flow of water which results from a rainfall event.

Stormwater Runoff

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

Surplus

Excess of revenues over expenditures.

Taxes

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

Tax Increment Fund (TIF)

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

Tourist Development Tax

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

Transfer

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

Manatee County
FY2016 – FY2020 Capital Improvement Program
Glossary of Terms

User Fees

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

Unincorporated Municipal Services Taxing Unit

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

Voted Millage

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

Manatee County
Alphabetical Index of CIP Projects

| Project Name / Project Number / Project Status | Category | Page # |
|--|--------------------|---------------|
| 12A Motor Control Center Rehabilitation (WW01365 / Requested) | Wastewater | 283 |
| 12th Street East - 57th Avenue East - 61st Avenue Terrace East - CRA Sidewalks - Road (6059560 / Existing) | Transportation | 203 |
| 13A Motor Control Center Rehabilitation (WW01366 / Requested) | Wastewater | 284 |
| 13A Wet Well Rehabilitation (WW01367 / Requested) | Wastewater | 285 |
| 15th Street East - 301 Boulevard - US 41 - 53rd Avenue East - Sewer (6029980 / Existing) | Wastewater | 336 |
| 15th Street East - 301 Boulevard - US 41 - 53rd Avenue East - Utilities (6029970 / Existing) | Potable Water | 158 |
| 15th Street East - US 41 - 53rd Avenue East (6029960 / Existing) | Transportation | 204 |
| 17th Street East (Memphis Road) at 28th Avenue East Railroad Improvements (TR01128 / Existing) | Transportation | 205 |
| 1M Motor Control Center Rehabilitation (WW01364 / Requested) | Wastewater | 286 |
| 27A Motor Control Center Rehabilitation (WW01368 / Requested) | Wastewater | 287 |
| 39A Motor Control Center Rehabilitation (WW01369 / Requested) | Wastewater | 288 |
| 44th Ave E - 45th Street - 44th Avenue Plaza East (6086960 / Existing) | Transportation | 206 |
| 44th Avenue East - 15th Street East - 19th Street Court East - Utilities (6045670 / Existing) | Potable Water | 159 |
| 44th Avenue East - 15th Street East - 19th Street Court East (6045661 / Existing) | Transportation | 207 |
| 44th Avenue East - 19th Street Court East - 30th Street East - Water (6045671 / Existing) | Potable Water | 160 |
| 44th Avenue East - 19th Street Court East - 30th Street East (6045660 / Existing) | Transportation | 208 |
| 44th Avenue East - 30th Street East - 45th Street East (6071160 / Existing) | Transportation | 209 |
| 44th Avenue East - 30th Street East - 45th Street East - Water (6071170 / Existing) | Potable Water | 161 |
| 44th Avenue East - 44th Ave Plaza E - Lakewood Ranch Boulevard (6045662 / Existing) | Transportation | 210 |
| 44th Avenue East - US 41 - 15th Street East - Water (6001070 / Existing) | Potable Water | 162 |
| 44th Avenue East - US 41 - 15th Street East (6001060 / Existing) | Transportation | 211 |
| 45th Street East - 44th Avenue East - SR 70 - Sewer (6025682 / Existing) | Wastewater | 337 |
| 45th Street East - 44th Avenue East - SR 70 - Water (6025672 / Existing) | Potable Water | 163 |
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