

**CAPITAL BUDGET AND MULTI-YEAR PLAN  
SUMMARY OF CHANGES  
FY2010-FY2015 CIP TO FY2011-FY2016 CIP**

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## **GOVERNMENTAL FUNDS PROJECTS**

### **CULTURE AND RECREATION**

#### **Other Culture and Recreation (CEL)**

- ◆ Wall Springs Park Public Art (PID#1953): Project budget of \$54k moved from FY09 and FY10 to FY11 to install the \$120k art project after recirculation bridge construction is completed.

#### **Parks & Recreation (CEL)**

- ◆ Countywide Boat Dock Facility Upgrades (PID#922156): \$200k boat ramp revenue transferred from FY11 to FY12 for future renovations.
- ◆ Countywide Exotic Plant Removal (PID#632): FY11 \$75k budget realigned to provide grant match for Fred Marquis Pinellas Trail Improvements (PID#922481) for invasive plant control along the trail.
- ◆ Countywide Park Facilities Roof Improvements (PID#922475): FY11 \$150k budget realigned for Fort De Soto Fort Rehabilitation project (PID#623).
- ◆ Countywide Park Improvements (PID#921707): FY11 \$74k of budget realigned to Pop Stansell Park (PID#539).
- ◆ Countywide Park Playground Replacement (PID#630): FY11 \$75k budget realigned to Pop Stansell project (PID#539).
- ◆ Countywide Park Sidewalk Replacement (PID#629): FY11 \$50k budget realigned to provide \$25k match for grant funded Countywide Exotic Plant Removal (PID#632) and \$25k to Fort De Soto Fort Rehabilitation (PID#623) projects.
- ◆ Countywide Park Utility Infrastructure (PID#1231): FY11 \$395k budget realigned to provide \$300k to Wall Springs Phase 3 Recirculation (PID#524), \$74k to Fort De Soto Fort Rehabilitation (PID#623) and \$21k to North County Recreation Fields (PID#1456).
- ◆ Friendship Trail Bridge Demolition (PID#2183): New non-recurring project added in FY13 to cover the estimated cost of demolishing the Friendship Trail Bridge.
- ◆ Countywide Restroom Facility Replacements (PID#732): FY11 \$50k budget realigned to Pop Stansell Park (PID#539) project.
- ◆ Joe's Creek Greenway Park (PID#881): FY11 penny funds of \$300k realigned to North County Recreation Fields (PID#1456) and \$100k SWFWMD funding transferred to FY10 to meet grant deadline. \$300k CDBG and \$246k HUD grant funds remain in FY11 to continue development with a pedestrian bridge and pedestrian access. The originally planned playground and restroom delayed until funding becomes available.
- ◆ North County Recreation Fields (PID#1456): FY11 \$21k budget realigned from Countywide Park Utility Infrastructure (PID#1231) and \$300k from Joe's Creek Greenway (PID#881). FY10 funding of \$156k was used for construction of Belleair Causeway Boat Ramp, Eagle Lake Park and Howard Park bridges. Funds added to restore MSTU revenue to previously committed funding level of \$498k.
- ◆ Pinellas Trail Overpass Improvements (PID#932): FY11 \$200k budget realigned to Fort De Soto Fort Rehabilitation project (PID#623).
- ◆ Pinellas Trail Improvements (PID#922481): FY11 \$151k of budget realigned to Pop Stansell Park (PID#539) and \$849k eliminated due to reduction in penny revenues. Countywide Park Exotic Plant Removal (PID#632) funding of \$75k transferred into project and \$50,000 grant added for invasive plant control along the trail.
- ◆ Friendship Trail Bridge (PID#839): FY15 funding of \$233k transferred to Countywide Park Improvement (PID#921707) project due to closure of the bridge.
- ◆ Ft De Soto Fort Rehabilitation (PID#623): Project moved from FY10 to FY11 due to permitting delays. FY11 funds realigned \$150k from Countywide Roof (PID#922475), \$25k from Countywide Sidewalk (PID#629), \$74k from Countywide Park Utility Infrastructure (PID#1231), \$200k from Pinellas Trail Overpass (PID#932), \$289k from FBG Boardwalks (PID#1473), and \$63k from Pinewood Entrance (PID#1192) projects to restore funds to renovate the fort. FY10 funding was used for Howard Park Bridge and Belleair Causeway Boat Ramp.
- ◆ Fort De Soto Water Circulation Infrastructure (PID#997): Grant funds of \$500,000 were added to FY11 and FY12 for water circulation improvements.

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- ◆ Pop Stansell Park Improvements (PID#539): FY11 funding of \$151k transferred from Pinellas Trail Improvements (PID#922481), \$74k from Countywide Improvements (PID#921707), \$75k from Countywide Playgrounds (PID#630), and \$50k from Countywide Restrooms (PID#732) to restore match and grants to complete construction and grant required components as a result of permitting delays. FY10 funding of \$400k was used for Belleair Causeway Boat Ramp construction.
- ◆ Wall Springs Development Phase 3 Recirculation (PID#524): FY11 funds of \$300k transferred from Countywide Park Utility Infrastructure (PID#1231) to restore match and grant funds for water recirculation improvements. FY10 funding used for Eagle Lake Park and Belleair Causeway Boat Ramp construction.
- ◆ Wall Springs/McMullen (PID#840): Funding moved from FY13 and FY14 to FY16 and FY17 for future construction.

## **ECONOMIC ENVIRONMENT**

- ◆ STAR Center - Chiller #1 Replacement (PID#2129): The current plan is to replace in FY12 a chiller that is over 35 years old and no longer economically feasible to maintain. The current budgetary estimate for this effort is \$600,000.
- ◆ STAR Center - Chiller #3 Replacement (PID#2130): The current plan is to replace in FY13 a chiller that is over 35 years old and no longer economically feasible to maintain. The current budgetary estimate for this effort is \$600,000.
- ◆ STAR Center - AHU Replacement/Upgrade (PID#1060): Air Handler Unit (AHU) replacements were reprioritized according to location, size, strategy, and funds availability. Replacements planned for FY12 and FY13 were deferred until FY14-FY16 to make funding available for chiller replacements. FY11-16 CIP is \$1.4M less than the FY10-15CIP.
- ◆ STAR Center Roof Replacement (PID#704): Roof replacement work originally planned for FY11 was accelerated and performed in FY10. The other roof projects planned for completion in FY11 and FY12 were deferred as a condition assessment indicated the existing roof would provide two additional years of service.
- ◆ Star Center Chiller 5 Replacement (PID#1616): This chiller failed several years ago and \$400,000 was budgeted for its replacement in FY11. However, this replacement project has been put on hold at this time as the facility has maintained operations without the chiller and its replacement is not critical with the replacement of Chillers #1 and #3.

## **GENERAL GOVERNMENT**

- ◆ CJC HVAC Control (PID#2173): This new project entails the replacement of the CJC energy management system which is at the end of its useful life and has limited replacement part availability. Control system replacement in FY11 is expected to produce operating cost economies. The \$450,000 budget is based upon an informed estimate, and may change as the project scope and constraints are more firmly defined.
- ◆ CJC Roof Replacement (PID#1299): The project schedule was deferred due to appropriation constraints, since the existing roof can be expected to provide another year of service. An additional \$100,000 was added to the construction estimate for FY13 to better manage anticipated cost increases and unforeseen construction conditions.
- ◆ St. Petersburg Judicial Tower Renovation (PID#831): Delay in project start will extend project completion into FY12. FY10 unexpended appropriation of \$769,450 was carried forward to FY11 and FY12 along with an additional \$600,990 for scope enhancements. Project consists of two separate projects/phases, First Floor Renovation & Fifth Floor Renovation. First Floor Renovation documents are complete, building permit has been obtained, bids have been received, and the construction manager is putting together a guaranteed maximum price package for Board approval. The construction budget is roughly \$4,700,000. The Fifth Floor Renovation design is complete and construction documents are in process by the design professional. The construction budget is roughly \$2, 300,000.
- ◆ Medical Examiner HVAC Upgrade (PID#2174): This new project entails installation of a heat exchanger or supplementary chiller to reduce cycling and resultant wear on the main chiller for the facility. The \$300,000 budget in FY12 is based upon an informed estimate, and may change as the project scope and constraints are more firmly defined.
- ◆ 310 Court Street Parking Garage Elevator Upgrade (PID#1862): This project was largely completed in FY10, although an unexpended \$1,400 of the original FY10 budget was carried forward into FY11 to cover any follow on activities.

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- ◆ 315 Court Street Energy Reduction Measures (PID#1489): Project start and completion extended by one fiscal year due to appropriation constraints.
- ◆ 315 Court Fire Alarm System Upgrades (PID#1490): FY11 project budget estimate increased by \$300,000 to reflect a more complete and defined scope of work than the basic estimate underlying last year's estimate.
- ◆ 315 Court Street Parking Garage Structural Repair (PID#1906): Field conditions necessitate accelerating project start in FY11 instead of FY13.
- ◆ 501 Building Renovations (PID#1294): Final phase of this project will be completed in FY11. Funds in the amount of \$475,000 have been deleted in FY12.
- ◆ Animal Services Hot Water Tanks (PID#1891): Project start deferred to FY12 from FY10 due to reprioritization and appropriation constraints in FY11; estimate increased by \$30,000 to reflect more recent information.
- ◆ Animal Services HVAC Upgrade (PID#1890): Project estimate increased by \$32,000 to reflect more recent information and deferred by one fiscal year due to appropriation constraints.
- ◆ Centralized Chiller Facility (PID#2188): New non-recurring project funded by the General Fund. Project contributes \$3M towards a new chilled water facility in downtown Clearwater. The County will purchase chilled-water at a set rate based on the amount of investment towards the cost of the facility. If the County chooses to cover the estimated total project cost for the facility of \$8.5, the project is estimated to generate \$507K of savings, cost avoidance of \$3.8M, and potential revenue opportunities of \$300-\$400K a year. Design costs for the facility are being paid for by a federal grant from the Department of Energy.
- ◆ Demand Control Ventilation Phase 2 (PID#2187): New non-recurring project funded by the General Fund. Second phase of project funded last year to automate the regulation of air in HVAC system. Project estimated to generate \$20K of savings plus one-time rebate of \$10,500. Payback is less than five years.
- ◆ Government Facilities Remodel & Renovation (PID#1633): This project serves as a repository for appropriation available for allocation to specific projects in the General Government function.
- ◆ Lighting Retrofits (PID#2186): New non-recurring project funded by the General Fund. Project converts lighting fixtures to more efficient units. Project estimated to generate \$125K savings plus one-time rebate of \$7K. Payback is less than eight years.
- ◆ Medical Examiner Energy Reduction Projects (PID#1887): Project scope reduced by \$540,000 by the reallocated to a new HVAC upgrade project, PID#2174 (\$300,000), and to partially fund a new HVAC controls project PID#2173 (\$240,000).
- ◆ North County Service Center Roof Replacement (PID#1892): North County Service Center Roof Replacement – Change in project scope, schedule, and cost resulted in a reduced estimate of \$462,000, with \$335,000 in work to be completed in FY10 and \$127,000 to be carried forward to perform work that is projected to extend into FY11. Of the \$188,000 in reductions to this project, reallocations were made to PID#1890 (\$32,000), PID#1891 (\$30,000) and PID#1633 (\$126,000).

After a detailed inspection, assessment, & research, it was determined that priority needs for the building included a chiller replacement & new digital control system, adjustments to chiller piping, replacement of the rooftop air handler, reroofing & renovation of the enclosed rooftop area housing the air handler, and associated duct revisions in the building. The overall budget was adjusted down accordingly to \$462,000 overall. Drawings are complete including County review and are ready to be issued for construction. The project will begin in FY10 & carry over into FY11.

## **PHYSICAL ENVIRONMENT**

### **Coastal Management**

- ◆ Beach Lighting (PID#1195): No upcoming requests for beach lighting from beach cities are expected for FY11, thus the every other year funding cycle was pushed out one year.
- ◆ Honeymoon Island Improvements (PID#922279): After the project scope of work was revised in 2010, the new schedule shows construction to begin fall 2011, thus construction costs can be moved to FY12.
- ◆ Sand Key Nourishment 2010 (PID#2063): The needed federal funding for construction has been requested but has not yet been appropriated. If the federal funds requested are appropriated, project construction is expected to begin in early FY2011.

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- ◆ Tarpon Springs Shoreline Stabilization (PID#1069): Project moved from FY11 to FY12 based on a revised schedule provided by the City of Tarpon Spring who is managing the project.
- ◆ Upham Beach Stabilization (PID#2072): The original estimate of \$3 million was increased to \$7 million after the consultant completed their preliminary design in late 2009.

**Environmental Management**

- ◆ Alligator Lake Habitat Restoration (PID#845): Construction was anticipated to span FY10 and FY11, but several months delay due to editing of procurement boilerplate resulted in bulk of construction being shifted to FY11.
- ◆ Mobbly Bay Habitat Restoration (PID#938): Construction was anticipated to span FY10 and FY11, but several months delay due to editing of procurement boilerplate resulted in bulk of construction being shifted to FY11.

**Surface Water Management (Environmental Management)**

- ◆ Lake Seminole Alum Injection (PID#829): Project budget moved from FY10-FY11 to FY10-FY12 due to anticipated changes in the State permitting process that may lead to cost savings.
- ◆ Lake Tarpon Water Quality Area 63 (PID#922027): Bulk of the project budget moved from FY10-FY11 to FY14-FY15 due to permitting constraints and CIP budget shortfalls. Anticipated changes to State permitting program expected in FY11 will move project forward. Moving project forward will also allow more time to apply for additional outside funding.
- ◆ Lake Tarpon Water Quality Area 23 (PID#921811): Project moved from FY10-FY11 to FY11-FY12 due to permitting constraints. Anticipated changes to State permitting program expected in FY11 will move project forward.
- ◆ Clearwater Harbor St. Joseph Sound Comprehensive Conservation Management Plan (PID#827): (former name Northwest Pinellas Resource Protection Plan). Bulk of project budget moved from FY10-11 to FY11-12. During the negotiation of the consultant contract it was agreed that the original timeframe was too short and a longer timeframe was agreed to that extends into FY12.
- ◆ Cross Bayou Watershed Plan (PID#922271): Project budget moved from FY10-FY11 to FY11-FY12 due to delays in contracting process.
- ◆ Starkey Watershed Plan (PID#1233): Project budget moved from FY10-FY12 to FY11-FY12 due to cancellation of consultant contract and re-contracting process.

**Surface Water Management (Public Works)**

- ◆ Bee Branch (PID#922333): Construction of Phase III in FY14 moved to FY15 & FY16 due to budgetary constraints.
- ◆ Curlew Creek Channel A Improvements (PID#1124): FY11 project budget moved to FY12, due to permitting delays.
- ◆ Antilles & Oakhurst Drainage Improvements (PID#1820): FY11 project budget moved to FY14, due to budgetary constraints.
- ◆ Bear Creek Channel Improvements Phase 2 (PID#922306): Bulk of construction moved from FY11 to FY12 due to budgetary constraints.
- ◆ Lealman Central Area Drainage Improvements (PID#1628): Professional Services budget moved from FY10 to FY11 due to budgetary constraints.
- ◆ Pinellas Trail – 54<sup>th</sup> Ave Drainage Improvements (PID#1823): FY11 project budget moved to FY13, due to budgetary constraints.

**Other Physical Environment (CEL)**

- ◆ Pinewood Cultural Park Entrance (PID#1192): FY14 funding of \$63,000 transferred to FY11 to Fort De Soto Fort Restoration project (PID#623).
- ◆ FBG Boardwalk (PID#1473): FY12 and FY13 funds of \$289k transferred to FY11 Fort De Soto Fort Restoration project (PID#623) and \$46k eliminated due to reduction in penny revenues.
- ◆ Extension SUN House (PID#2158): New project with FY11 and FY12 funds of \$476k from a Department of Energy grant for a sustainable green demonstration facility.

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## **PUBLIC SAFETY**

- ◆ Central Division Energy Mgmt (PID#2168): This new project provides for the FY11 replacement of an HVAC control system at the Central Division facility at the Jail. The current system is far beyond its useful life and economic repair. The \$200,000 budget is based upon an informed estimate, and may change as the project scope and constraints are more firmly defined.
- ◆ Jail Expansion & Court Improvements (PID#1636): Funding for FY14 was reduced by \$20,000. This project serves as a repository for appropriation available for allocation to specific projects in the Public Safety function.
- ◆ Jail F Wing – Air Handler Replacement (PID#1310): The total project estimate was revised, adding \$250,000 in FY11 appropriation to reflect current knowledge of the scope and requirements of this project.
- ◆ Replace MSC ROOF (PID#2169): This new project provides for the replacement of the Jail MSC facility roof, which has reached the end of its service life. The \$100,000 budget is based upon an informed estimate, and may change as the project scope and constraints are more firmly defined.
- ◆ SAB Bldg 400-Chiller & HVAC Pump Replacement (PID#1895): The project scope was expanded by \$85,000 for needed repairs in FY11.
- ◆ Emergency Medical Services – HVAC Upgrades (PID#1893): The original project budget was revised to \$354,000 to reflect the current project scope and schedule, as this project will be performed concurrently with PID#1886. Although most tasks will be completed in FY10, the \$90,300 budget for FY11 represents a carry forward of a portion of the FY10 appropriation to cover any additional work that may be required.
- ◆ Jail Complex Water Reduction Phase 2 (PID#2189): New non-recurring project funded by the General Fund. Funds second phase of project funded last year to control water usage at the jail. Project estimated to generate \$250K-\$300K of savings. Payback is less than four years.
- ◆ Public Safety Facilities & Centralized Communication Center (PID#1635): Project construction will be completed in three years instead of the four years, with a construction start in FY11 instead of FY12, with the carry forward of \$794,410 of unexpended appropriation from FY10, and \$4,595,590 in additional appropriation above the original estimate for FY11 of \$1,900,000 estimated in FY10. To support the bulk of construction in FY12, \$19,532,000 in appropriation above the \$36,148,000 originally estimated in FY10. The final year of construction will be in FY13, when \$21,663,000 less will be required than estimated in FY10.

Project delivery was previously changed from design-build to CM at Risk following County reassessment and exposure of the complexity & multiple phasing required in the project. A campus master plan was established, programming was completed, & a detailed design development document package was completed and delivered to the County. Selection issues during DP & CM selection caused the project to be delayed. The issues were resolved, and CM selection was approved by the Board. Contract negotiations are presently being completed and contract will soon be brought to the Board for approval. An ad is being prepared to begin selection of the DP of record. The selected DP will begin where the design development documents left off and complete construction documents for the CM to develop a GMP. County staff completed a review of the original program and determined the changes in staffing due to the drop in revenue were not significant enough to warrant reprogramming or redesign. In fact, several changes in Sheriff's department sections have caused new space to become available for sections previously in leased space to occupy and save the County considerable dollars. The project budget remains unchanged at a total of \$81,400,000 and includes FF&E. More dollars have been moved up to FY11 to allow the project to progress without stoppage or delay. Depending upon the length of time required by the County to complete selection of the DP and to execute a contract, the project could realistically be completed in FY13.

## **TRANSPORTATION**

### **Arterial Road Improvement Program**

- ◆ 62<sup>nd</sup> Av N – 49<sup>th</sup> St N to 34<sup>th</sup> St N (PID#922276): Professional Services funding added to FY11 to complete design phase only. No funding for R/W acquisition and construction due to budgetary constraints.
- ◆ Belcher Rd – 38<sup>th</sup> Av N to 54<sup>th</sup> Av N (PID#655): Professional Services funding added to FY11 to complete design phase only. No funding for R/W acquisition and construction due to budgetary constraints.

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- ◆ Bryan Dairy Rd – Starkey Rd to 72<sup>nd</sup> St (PID#920588): Construction funding moved from FY11 & FY12 to FY11, FY12 & FY13, to assist in balancing FY 11 budget.
- ◆ Forest Lakes Blvd Pavement Rehabilitation (PID#2177): New project to perform road rehabilitation work in FY12.
- ◆ Gulf Blvd Improvements (PID#875): Total project budget increased from \$26M to \$35M. Project increased to \$3.5M per year beginning in FY13. Funding of \$7M a year from FY17-FY19.
- ◆ Keystone Road – US19 to East Lake Rd (PID#920522): Total project budget reduced 32M to reflect construction bid. Construction schedule lengthened to address project complexities.
- ◆ Starkey Rd – Bryan Dairy Rd to Ulmerton Rd (PID#922252): Professional Services funding added to FY11 to complete design phase only. No funding for R/W acquisition and construction due to budgetary constraints.
- ◆ Park Street/Starkey Road – Tyrone Blvd to 84<sup>th</sup> Lane (PID#864): Construction of widening project unfunded due to budgetary constraints. Resurfacing will be required to extend life of existing road. Pavement Management System will be used to determine resurfacing time frame.
- ◆ Starkey Road – 84<sup>th</sup> Lane to Bryan Dairy Road (PID#865): Construction of widening project unfunded due to budgetary constraints. The intersection of Starkey Rd & Bryan Dairy Rd has been broken out into a separate project (PID #2182). Resurfacing will be required to extend life of existing road. Pavement Management System will be used to determine resurfacing time frame.

**Collector & Local Roadways**

- ◆ Haines Road – US19 to I-275 (PID#922265): Funding added to FY12 for right-of-way acquisition.
- ◆ Dansville Phase III (PID#991): Funding has been revised to reflect available grant funding.
- ◆ Highland Avenue Improvements (PID#1649): Project was moved from FY10 to FY11 and funding was added from Transportation Impact Fee Revenue in accordance with the Interlocal agreement with the City of Largo.

**Bridge Improvements**

- ◆ Beckett Bridge Project Development & Envir (PID#2161): New project in FY11 and FY12; FY11 funded by State Grant.
- ◆ Beckett Bridge Repairs (PID#2085): Construction funding reduced and moved to FY11 to match revised schedule and cost estimate. Repairs consists of Mechanical and electrical improvements.
- ◆ LaPlaza Avenue Bridge Reconstruction (PID#2055): Bulk of construction moved from FY11 to FY12, due to budgetary constraints.
- ◆ Park Street Bridge Replacement (PID#2162): New project in FY11 realigned from Bridge Rehab Program (PID#1646).

**Road and Street Support**

- ◆ Road Resurfacing and Rehabilitation Program (PID#921544): Additional funds in FY11 & FY12 realigned from Park St (Starkey Road) – Tyrone Blvd to 84<sup>th</sup> Lane (PID#864) and Starkey Rd – 84<sup>th</sup> Ln to Bryan Dairy Rd (PID#865).

**Intersection Improvements**

- ◆ Belleair Rd at Keene Rd Intersection Improvement (PID#1938): Project budgeted for FY12 with grant funding and realigned funds from the Intersection Improvements Program (PID 922147).
- ◆ Bryan Dairy & Starkey Intersection Imp (PID#2182): Full intersection construction funded for FY13 & FY14. Funding realigned from Park Street/Starkey Road – Tyrone Blvd to 84<sup>th</sup> Lane (PID#864) and Starkey Road – 84<sup>th</sup> Lane to Bryan Dairy Road (PID#865).
- ◆ Park Blvd ATMS Project (PID#2159): New project in FY11 funded by 9<sup>th</sup> cent fuel tax and State grant.
- ◆ South Loop Fiber Project (PID#2160): New project in FY11 funded by 9<sup>th</sup> cent fuel tax and State grant.

**Pinellas Trail**

- ◆ Pinellas/Progress Energy Trail Extension (PID#922499): Construction moved from FY11 to FY12.

**Sidewalk Improvements**

- ◆ Gooden Crossing Sidewalk (PID#1219): Construction moved from FY11 to FY13 by Community Development, due to easement acquisition issues.

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## **ENTERPRISE FUND PROJECTS**

### **TRANSPORTATION**

#### **Airport**

- ◆ Cargo Apron Construction (PID#1206): Expansion of Cargo ramp in FY 2015 contingent upon FAA funding and Board approval. Expansion of existing Cargo ramp to the north and west to move UPS aircraft off of the Terminal Aircraft Ramp.
- ◆ New GA Taxiway/Ramp (PID#2133): Construction of General Aviation aircraft ramp & taxiway in FY 2016 contingent upon FAA funding and Board approval.
- ◆ New Maintenance Facility (PID#2134): Construction of Airport Maintenance Facility delayed one year due to availability of Federal funding.
- ◆ Rehab Runway 4/22 Runway (PID#673): Project delayed one year based on FAA determination of the availability of funding for the rehabilitation of the runway pavement.
- ◆ Rehabilitate Runway 17/35 (PID#2020): Project moved up one year based on pavement surface needs. Contingent upon FAA funding.
- ◆ Runway Conversion (PID#925): Project delayed until after the completion of PID# 673. Contingent upon FAA funding.
- ◆ Security Project (PID#824): Project extended to FY 12 should FAA funding be available to upgrade the Airport's security fence.
- ◆ Terminal Departure Expansion and Loading Bridges (PID#674): Continuation of rehabilitation to the Terminal to include construction of an operational support building for Allegiant Airlines, extension of HVAC chiller system to the entire terminal, sanitary sewer rehabilitation, and paging system upgrades. Contingent upon FAA funding.
- ◆ Terminal Apron/Hardstand Rehab (PID#2132): Rehabilitation is needed to the terminal ramp in locations where aircraft wheels are causing pavement compression.

### **PHYSICAL ENVIRONMENT**

#### **Solid Waste System**

The Solid Waste 6-year budget decreased from \$94.7 million (FY10 – FY15) to \$83.2 million (FY11 – FY16). The Procurement Projects for the Waste-to-Energy (WTE) facility will be completed this fiscal year. Increases and decreases for Solid Waste CIP projects are presented below with small descriptions if changes are significant.

- 6432000 - ADDITIONS & IMPROVEMENTS:
  - Scalehouse Refurbishment will be completed in FY10.
  - SCADA for Bridgeway Acres and Toytown Landfills decreases from \$0.35 million to \$0.1 million and remains on track for completion.
  - Redevelopment Implementation decreased from \$8.45 million to \$6.0 million and has moved out to FY11 for completion.
  - Mini-Transfer Station increased from \$1.4 million to \$1.6 million with completion scheduled in FY11.
  - Landfill Gas Collection/Flaring System increased from \$1.5 million to \$3.8 million due to re-evaluation.
  - Water Treatment Plant decreased from \$15.0 million to \$14.5 million, significant portion of design and construction has been rescheduled for FY12.
  - Bridgeway Acres Landfill – Misc increased from \$1.0 million to \$1.1 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
  - Fiber Optic & Sewer Service to New SW & K9 Facility will be completed this FY10.

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- Site New Roadway Construction increased from \$1.5 million to \$3.0 million due to re-evaluation. Scheduled for completion in FY 13.
- Broadband Communication System will be completed this FY10.
- Pavement Replacement Program decreased from \$0.84 million to \$0.54 million due to re-evaluation
- Pond "A" Dredging has increased from \$4.66 million to \$5.4 million with completion scheduled in FY11.
- Pond "A" Embankment Stabilization has decreased from \$2.12 million to \$2.0 million with completion scheduled in FY11. It is noted that the projected budget for FY10 increased from \$2.12 million to \$3.55 million.
- Side Slope Closures increased from \$4.63 million to \$5.0 million, significant portion of construction funds moved to FY12.
- Toytown Landfill Improvements decreased from \$8.0 million to \$6.3 million due to re-evaluation. Scheduled for completion in FY 13.
- Slurry Wall Realignment will be completed in FY10.
- BWA Gradient Control decreased from \$8.37 million to \$7.97 million with completion scheduled in FY16.
- North County HEC Facility remains at \$5.1 million with completion scheduled in FY12.

➤ New projects for FY11 include:

- Miscellaneous Facility Improvements (\$0.85 million), this will be an annually reviewed project that will be tracked for expenses to determine future needs.
- WTE Air Pollution Control Upgrade (\$10.0 million in FY16, additional \$40.0 million over the following 2 years).
- Security Improvements (\$0.5 million).
- WTE Discretionary/Force Majeure Work (\$0.6 million annually).
- Retaining Ring Replacement (\$0.25 million) as related to insurance claim.
- Turbine Generator Rotor (\$5.5 million).

## **Water System**

The Water System 6-year budget (not including the Water Blending Facility) decreased from \$78.4 million (FY10 – FY15) to \$36.8 million (FY11 – FY16). Cost Center 6543009 – Contribution in Aid on Construction (CIAC) has been removed in the amount of \$38.6 million. The Water System has serious financial challenges due to falling revenues. Reduced retail water consumption along with the potential loss from wholesale customers such as Tarpon Springs, Oldsmar, and Clearwater developing their own water sources will impact the ability to adequately fund future system renewals and replacements. While the Federal government's stimulus packages are aiding the Florida Department of Transportation (FDOT), the relocation of pipelines that have not reached the end of their life cycle requires significant funding financed by the water customers.

The water conservation programs to reduce potable water consumption have been very successful. The reduced consumption has been compounded by home foreclosures, and these factors have contributed to the overall decrease in revenues. The potable water system was designed to transmit and distribute over 100 million gallons per day (MGD). Currently the daily volume delivered to the retail and wholesale customers has dropped below 50 MGD, and the daily volume is likely to continue to drop as wholesale customers seek new sources of water. This continued reduction in water demand is resulting in the nitrification within the system which then requires excessive flushing to maintain water quality. The need to maintain water quality has resulted in almost 300 million gallons being used for flushing this past year at a cost of approximately \$675,000 to purchase this water from Tampa Bay Water.

There were decreases in Source of Supply and Treatment (approximately \$1.4 million), Water Transmission Mains (approximately \$5.8 million), and Distribution Stations/Buildings (approximately \$650,000). The Administrative Building budget remains at an annual amount of \$75,000. There was a modest increase in Water Distribution Mains (approximately \$0.7 million). The most significant adjustment to the budget will be the Board decision concerning the Water Blending Facility which has been previously budgeted at \$80.8 million.



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Increases and decreases in CIP are presented below with small descriptions if changes are significant.

- 6543001 - WATER SUPPLY & TREATMENT:
  - Martin Borrow Restoration will be completed in FY10.
  - Water Blending Facility Design has contractual obligations related to the site though FY12 in the amount of \$57,000.
  - Logan Booster Pump Modifications decreased from \$2.25 million to \$1.5 million due to re-evaluation. Pending Water Nitrification Study, this budget will be reviewed and adjusted accordingly.
  - Backhaul/Broadband Communication Systems will be completed in FY10.
  - Keller Upgrades decreased to \$0 pending operational decisions as related to Tampa Bay Water.
  - North Booster Upgrades decreased from \$0.6 million to \$0.4 million with completion scheduled in FY11.
  - North Booster/Logan on Site Chlorine remains at \$0.9 million with completion scheduled in FY15.
  - Miscellaneous Improvements remains at \$0.3 million. This is an annual fund devoted to miscellaneous projects. Budget is reviewed annually and based on prior year's history.
  - Monitor Well Improvement Water remains at \$30,000 for the six years total. This is an annual fund of \$5,000 to be used as needed.
  
- 6543002 - WATER TRANSMISSION MAINS:
  - Belcher Road 48 Inch Water Main Replacement overall costs decreased from \$10.9 million to \$7.5 million for FY10-FY11 due to receiving bids. Approximately \$3.3 million will be spent this FY10 and \$4.2 million in FY11.
  - Starkey Road – 84<sup>th</sup> to Bryan Dairy remained at \$2.0 million with completion scheduled in FY13.
  - SR 55/US 19 – Whitney to Seville increased from \$2.1 million to \$2.28 million with completion scheduled in FY13.
  - SR 55/US 19 – Seville to SR 60 decreased from \$1.9 million to \$1.63 million, completion remains in FY13.
  - Miscellaneous Improvements decreased from \$1.0 million to \$0.6 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
  - Keystone Road – US19 to Eastlake Rd decreased from \$1.4 million to \$1.1 million due to re-evaluation, completion has been moved out to FY12.
  - SR 688/Ulmerton Rd. – 119<sup>th</sup> St/By-Pass Canal added in the amount of \$1.2 million with completion scheduled in FY12.
  - US 19 – Enterprise At-Grade Project added in the amount of \$1.2 million with completion scheduled in FY11.
  - SR 688/Ulmerton Rd. – Wild Acres/EI Centro Rd remains at \$2.0 million with completion scheduled in FY13.
  - SR 688/Ulmerton Rd. – By-Pass Canal/Wild Acres remains at \$2.0 million with completion scheduled in FY13.
  - US 19 – Main to CR-95 added in the amount of \$0.2 million with preliminary engineering in FY15 and construction in FY17.
  
- 6543004 - ADMINISTRATIVE BUILDINGS:
  - Miscellaneous Building Improvements remains at \$0.45 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
  
- 6543005 - WATER DISTRIBUTION MAINS:
  - Water Subaqueous Evaluation decreased from \$1.0 million to \$0.5 million with completion scheduled in FY12.

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- Annual Contract Water Main Improvements remains at \$0.45 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
- Municipal Road Projects remains at \$0.15 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
- Public Works Relocation projects decreased from \$3.0 million to \$1.2 million. This is an annual fund devoted to miscellaneous projects as Public Works schedules construction.
- Keystone Road – US19 to Eastlake Rd decreased from \$1.4 million to \$0.7 million, completion remains in FY11.
- FDOT Relocation projects remains at \$3.0 million. This is an annual fund devoted to miscellaneous projects as FDOT secures funding and schedules construction.
- SR 688/Ulmerton Rd. –By-Pass Canal/Wild Acres added in the amount of \$1.0 million with completion scheduled in FY13.
- US 19 – Main to CR-95 added in the amount of \$0.1 million with preliminary engineering in FY15 and construction in FY17.
- SR 686 – East 611 to Ulmerton Rd. added in the amount of \$3.2 million with completion scheduled in FY16.
- Galvanized Pipe Replacement increased from \$0.225 million to \$0.3 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
- Fire Protection decreased from \$0.25 million to \$0.2 million. This is an annual fund devoted to miscellaneous projects as they occur and scheduled for completion in FY14.
- SR 688/Ulmerton Rd. – 119<sup>th</sup> St/By-Pass Canal added in the amount of \$0.43 million with completion scheduled in FY12.
- SR 55 /US 19 – Whitney to Seville decreased from \$1.35 million to \$0.73 million due to re-evaluation and completion remains in FY13.
- SR 688/Ulmerton Rd. – Wild Acres/El Centro Rd remains at \$1.0 million and completion remains in FY13.

➤ **6543006 - DISTRIBUTION STATIONS/BUILDINGS:**

- Capri/Gulf Pump Station Upgrades remains at \$0.375 million, completion moved out to FY12 due to Water Aging study.
- Water Storage Tank Modifications decreased from \$0.075 million to \$0.06 million. This is an annual fund devoted to miscellaneous projects as they occur and scheduled for completion in FY14.
- Oakhurst/Gulf Beach/Capri on Site Chlorine remains at \$0.9 million with completion scheduled in FY15.
- Miscellaneous GMD Building Improvements decreased from \$1.09 million to \$0.46 million due to re-evaluation. This is a fund devoted to miscellaneous projects as they occur and scheduled for completion in FY14.
- North GMD Fuel Tanks to be completed in FY10.

### **Sewer System**

The Sewer System budget decreased from \$58.94 million (FY10 – FY15) to \$58.75 million (FY11 – FY16). The slight reductions are a result of the tightened budget and the reassessment and realignment of project priorities such as reduced spending on Annual Contracts.

The sewer system is a complex system that is in a state of perpetual degradation at all times due to the corrosiveness of wastewater and the gases produced by the turbulent flows. Additionally, many chemicals are required to reduce odor and control the chemistry of the incoming wastewater as required by the regulatory permits.

Renewal and replacement is required on an ongoing basis in order to maintain the Water Reclamation Facilities (WRF). These two facilities were constructed and rebuilt with considerable investments by the County. All

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assets within the system are assessed throughout the budget cycle to determine their integrity and the risks associated with the assets condition.

Increases and decreases in CIP are presented below with brief descriptions if changes are significant.

- **6611400 - BUILDINGS & STRUCTURES:**
  - Miscellaneous Improvements remained at \$0.45 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
- **6612900 - SEWER RELOCATIONS:**
  - Misc. Municipal Relocations remains at \$0.6 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
  - PCPW Road projects increased from \$2.65 million to \$2.8 million. This is an annual fund devoted to miscellaneous projects as Public Works schedules construction.
  - FDOT Road projects remains at \$0.6 million. This is an annual fund devoted to miscellaneous projects as FDOT secures funding and schedules construction.
  - SR 688/Ulmerton Rd. – By-Pass Canal/Wild Acres added in the amount of \$0.25 million with completion scheduled in FY13.
  - SR 688/Ulmerton Rd. – 119<sup>th</sup> to By-Pass Canal added in the amount of \$0.51 million with completion scheduled in FY12.
  - SR 699/Gulf Blvd – Park to Walsingham Rd. is completed.
- **6613500 - SCADA SYSTEM:**
  - Remote RCW Pond Monitor & Control to be completed in FY10.
  - Backhaul/Broadband Communications System to be completed in FY10.
  - Replacement of SCADA Equipment has decreased from \$0.5 million to \$0.25 million with completion scheduled in FY11.
  - Rain Gauge Telemetry System Upgrade remains unchanged.
- **6614300 - W.E. DUNN WATER RECLAMATION FACILITY:**
  - W.E. Dunn upgrades increased from \$1.0 million to \$3.75 million in order to bring back electrical, mechanical and structural upgrades to historical levels. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
  - Annual Contract - RCW Improvements remains at \$0.6 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
  - Reuse Monitoring Well – Install/Plug decreased from \$18,000 to \$15,000 and is scheduled for completion in FY15.
  - Lake Tarpon ASR Construction increased from \$3.57 million to \$3.83 million, completion remains in FY13.
  - Lake Tarpon Augmentation Study remains unchanged.
  - Lake Tarpon Augmentation Construction decreased from \$0.14 million to \$0.11 million with scheduled completion moved out to FY11.
- **6614500 - SEWER MODIFICATIONS & REHABILITATION:**
  - Sewer/RCW Subaqueous Eval/Replace remains at \$2.0 million, completion remains in FY15.
  - Annual Contract Pump Station Rehab/Improvements increased from \$2.0 million to \$2.16 million. This is an annual fund devoted to pump station rehab and improvements as they occur. Budget is reviewed annually and based on prior year's history.
  - Pump Station Replacements decreased from \$3.0 million to \$2.76 million with completion scheduled in FY15.

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- Annual Contract – Sewer New/Replace (Project 2030) was added in the amount of \$2.5 million. This is an annual fund devoted to pump station rehab and improvements as they occur. Budget is reviewed annually and based on prior year's history.
  - Annual Contract – Manhole Rehab (Coating) increased from \$0.6 million to \$2.5 million in order to increase funding back to historical levels. This is an annual fund devoted to pump station rehab and improvements as they occur. Budget is reviewed annually and based on prior year's history.
  - Annual Contract – Sewer Relining (New) increased from \$0.6 million to \$3.95 million in order to increase funding back to historical levels. This is an annual fund devoted to pump station rehab and improvements as they occur. Budget is reviewed annually and based on prior year's history.
  - Project 2030 replaces Projects 1877 – Annual Contract Sewer Extensions and Pipeline Replacements.
- 6614900 - SOUTH CROSS BAYOU WATER RECLAMATION FACILITY:
- Final Sludge Thickening Improvements was added in the amount of \$3.0 million and is scheduled for completion in FY12.
  - Prelim – Sludge Thickening Improvements was added in the amount of \$4.5 million, completion has been moved out to FY13. This project was the precursor to the Final Sludge Thickening Improvements project and was initially named Two Phase Digester Conversion. This project's focus is the Acid Phase Digestion portion of the overall project.
  - Electrical Eng @ Various PCU Facilities (AAG) will be complete this FY10.
  - Upgrades and R&R increased from \$2.6 million to \$11.0 million in order to bring back electrical, mechanical and structural improvements to historical levels. This is an annual fund devoted to pump station rehab and improvements as they occur. Budget is reviewed annually and based on prior year's history.
  - Annual Contract - RCW Improvements remains at \$0.78 million. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.
  - Install/Plug Reuse Monitoring Wells decreased from \$30,000 to \$25,000 and is scheduled for completion in FY15.
  - South County RCW ASR Test Program increased from \$1.45 million to \$1.73 million with completion scheduled in FY16.
  - South Cross Mitigation has been added in the amount of \$0.23 million with completion scheduled in FY13.
- 6615200 – GREASE DISPOSAL SYSTEM:
- FOG Miscellaneous Improvements has increased from \$0.6 million to \$0.75 million due to re-evaluation. This is an annual fund devoted to miscellaneous projects as they occur. Budget is reviewed annually and based on prior year's history.

SEWER CONSTRUCTION SERIES 2008 – FUND 0555: The Bond will provide funding in FY10 & FY11 for projects in the amount of \$21.7 million.

- 6652200 – TREATMENT PLANTS:
- Two-Phase Digester Conversion has been reallocated under Prelim and Final Sludge Thickening projects.
  - Final - Sludge Thickening Improvements increased from \$1.0 million to \$1.5 million and is scheduled for completion in FY11.
  - Prelim - Sludge Thickening Improvements remained at \$1.0 million and is scheduled for completion in FY11.
  - Co-Generation Prelim Design added in the amount of \$35,000 and is scheduled for completion in FY11.
  - South Cross Upgrades decreased from \$1.8 million to \$0.25 million.
  - W. E. Dunn Upgrades increased from \$0.45 million to \$0.725 million.

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➤ 6652300 – MODIFICATIONS & PUMP STATIONS:

- Madeira Beach 20" and 24" Force Main – is scheduled to be completed in FY10. Depending on the results of the initial investigation phase of this project, a determination will be made on whether to completely replace the pipeline along Duhme Road.
- RCW HI/LO Pump Station Replacement remains at \$1.55 million and is scheduled for completion in FY10.
- Relocation of PS #344 remains unchanged.
- PS 54 Upgrade with Connection decreased from \$1.2 million to \$0.2 million with completion scheduled in FY11.
- PS 016 SCB WRF FM Bypass Conceptual Design remains unchanged.
- SR 688/Ulmerton Rd. – 119<sup>th</sup> St/By-Pass Canal on schedule to be completed in FY10.
- Annual Contract – Sewer Relining (OLD) will be completed in FY10.
- Annual Contract – Sewer Relining (NEW) - \$0.5 million will be paid from bond in FY10.
- Tierra Verde RCW BPS Upgrades added in the amount \$0.44 million and is scheduled for completion in FY11.
- Annual Contract Pump Stations Rehab/Improvements decreased from \$2.0 million to \$0.74 million due to re-evaluation.
- Pump Station Replacements decreased from \$2.5 million to \$0.74 million due to re-evaluation.
- 46<sup>th</sup> Ave - 80<sup>th</sup> St to 62<sup>nd</sup> St will be completed in FY10.
- Madeira Beach Collection System Improvements decreased from \$1.25 million to \$0.7 million due to re-evaluation.
- PCPW Road Projects will be completed in FY10.
- Keystone Road decreased from \$2.0 million to \$1.0 million and is scheduled for completion in FY11.
- PS 114 Force Main & Pump Station is scheduled for completion in FY10.
- Madeira Beach Pump Station 189 Rebuild increased from \$0.3 million to \$0.4 million with completion scheduled in FY11.
- Annual Contract – Sewer Extensions - \$0.21 million will be paid from bond in FY10.