# Exhibit "A"

**City of Venice Comprehensive Plan, Appendix C**

**Appendix C: City of Venice Five-Year Capital Improvement Schedule, Fiscal Years 2012/13 to 2016/17**

**Table 1: Summary of Revenue**

**Table 2: Summary of Expenditures**

**Table 3: Individual Capital Improvement Program Projects and Expenditures**

# THE CAPITAL BUDGET – An Overview

As the annual budget of the City of Venice is normally small, the City does not product a separate document on a regular basis. Projects are included within each Fund according to its appropriate assignment. The One Cent Sales Tax revenue is the primary source of revenue for the projects outside the Enterprise Funds.

The One Cent Voted Tax Fund monies are divided between the capital items approved by the voters. These projects are categorized in four general areas: community projects (such as concert hall, city public works and solid waste facilities, alternative energy solar and wind projects, etc.), transportation projects (sidewalk improvements, road improvements, capital beautification projects, etc.), parks and recreation projects (beach nourishment, playground equipment, mooring field, etc.) and public safety projects (constructing burn building, police training facility upgrades, rebuild fire station #1, police department facility expansion and upgrade, etc.).

New park facilities are turned over to Sarasota County for operation so impacts and costs associated with these improvements are discussed with them prior to their approval and construction.

A citizen oversight committee has been established to review on a regular basis the One Cent Voted Sales Tax Program in order to ensure that programs develop as presented to the public and that changes in these programs receive proper public notification and hearing.

Enterprise fund capital projects are funded by a combination of user fees, revenue bond proceeds, and grant proceeds as applicable and available.

# CAPITAL IMPROVEMENT PROGRAM
## Fiscal Years 2012/13 to 2016/17

## Table 1: Summary of Revenue

| REVENUE | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| ONE CENT SALES TAX | $246,500 | $969,335 | $1,292,448 | $969,335 | --- | $3,477,618 |
| GENERAL FUND REVENUES | $729,000 | $148,111 | $2,637,974 | $252,182 | $4,535,942 | $8,303,209 |
| UTILITY REVENUES/RESERVES | $17,588,410 | $13,067,400 | $6,255,000 | $2,900,000 | $1,450,000 | $41,260,810 |
| GRANTS (FDOT, FAA, DEP, FRDAP) | $1,755,000 | $3,795,889 | $14,211,828 | $189,818 | $2,164,058 | $22,116,593 |
| AIRPORT REVENUES/RESERVES | $215,145 | $230,000 | $50,000 | $50,000 | $50,000 | $595,145 |
| SOLID WASTE REVENUE/RESERVES | --- | --- | --- | --- | --- | --- |
| STORMWATER REVENUES/RESERVES | $612,500 | $250,000 | $612,500 | --- | --- | $1,475,000 |
| BUILDING REVENUE/RESERVES | --- | --- | --- | --- | --- | --- |
| GAS TAX | $100,000 | $400,000 | $500,000 | --- | --- | $1,000,000 |
| **TOTAL REVENUES** | **$21,246,555** | **$18,860,735** | **$25,559,750** | **$4,361,335** | **$8,200,000** | **$78,228,375** |

## CAPITAL IMPROVEMENT PROGRAM
## Fiscal Years 2012/13 to 2016/17
## Table 2: Summary of Expenditures

| EXPENDITURES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| **PUBLIC SAFETY** | | | | | | |
| Fire Chief Vehicle Replacement | $29,000 | --- | --- | --- | --- | $29,000 |
| Rebuild Fire Station 1 | --- | $969,335 | $1,292,448 | $969,335 | --- | $3,231,118 |
| DIRECT/Support Fire Vehicle Replacement | --- | --- | --- | $42,000 | --- | $42,000 |
| Fire Admin. Vehicle Replacement | --- | $24,000 | --- | --- | --- | $24,000 |
| Fire Admin. Vehicle Replacement | --- | --- | $24,000 | --- | --- | $24,000 |
| Replace Fire Engine | --- | --- | $300,000 | --- | --- | $300,000 |
| Police Patrol Vehicle Replacements | $246,500 | --- | --- | --- | --- | $246,500 |
| **PUBLIC SAFETY TOTAL** | **$275,500** | **$993,335** | **$1,616,448** | **$1,011,335** | **$0** | **$3,896,618** |
| **AIRPORT** | | | | | | |
| Airport Landscaping | $100,000 | $50,000 | $50,000 | $50,000 | $50,000 | $300,000 |
| Replace Mowers | $57,645 | --- | --- | --- | --- | $57,645 |
| Taxiways A & C Rehab./Lighting | $500,000 | $3,600,000 | --- | --- | --- | $4,100,000 |
| Environmental Assessment | $450,000 | --- | --- | --- | --- | $450,000 |
| MHP Clubhouse Remodel | $10,000 | --- | --- | --- | --- | $10,000 |
| **AIRPORT TOTAL** | **$1,117,645** | **$3,650,000** | **$50,000** | **$50,000** | **$50,000** | **$4,917,645** |
| **WATER AND WASTE WATER UTILITIES** | | | | | | |
| Vehicle Replacements | $185,810 | --- | --- | --- | --- | $185,810 |
| RO Membrane Improvement | $5,050,000 | $3,600,000 | $3,600,000 | $1,300,000 | --- | $13,550,000 |
| Mini Excavator | $49,000 | --- | --- | --- | --- | $49,000 |
| Compact Track Loader (Skid Steer) | $62,000 | | | | | |
| US 41 Bypass Improvement Utility Conflicts | $320,000 | $850,000 | $430,000 | --- | --- | $1,600,000 |
| Additional Reclaimed Storage | $2,840,000 | --- | --- | --- | --- | $2,840,000 |
| Eastside WRF Aeration | $250,000 | $1,625,000 | --- | --- | --- | $1,875,000 |
| Asbestos Cement Force Main Replacement | $647,800 | --- | --- | --- | --- | $647,800 |
| Addition Chlorine Contact Chamber | $415,000 | --- | --- | --- | --- | $415,000 |
| Clearwell Rehabilitation | $14,000 | --- | --- | --- | --- | $14,000 |
| Concentrate Disposal | $250,000 | $1,000,000 | --- | --- | --- | $1,250,000 |
| Eastside WRF Odor Control | $250,000 | --- | --- | --- | --- | $250,000 |
| Water Main Improvements | $600,000 | $600,000 | $600,000 | $600,000 | $600,000 | $3,000,000 |
| Inflow & Infiltration Improvements | $2,625,000 | $2,125,000 | $1,625,000 | $1,000,000 | $850,000 | $8,225,000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Grit Removal System Replacement | $250,000 | $1,540,000 | --- | --- | --- | $1,790,000 |
| Ground Penetrating Radar Replacement | $13,000 | --- | --- | --- | --- | $13,000 |
| WRF - Replace Lift Station Pumps | $150,000 | --- | --- | --- | --- | $150,000 |
| WTP Dual Stage Air Scrubber | $100,000 | $500,000 | --- | --- | --- | $600,000 |
| WTP Installation of Second Degas System | $119,000 | $595,000 | --- | --- | --- | $714,000 |
| Replace/Redesign Sodium Hypochlorite System | $45,000 | $225,000 | --- | --- | --- | $270,000 |
| New Eastern Production Well | $200,000 | --- | --- | --- | --- | $200,000 |
| Replace RAS pumps | $200,000 | --- | --- | --- | --- | $200,000 |
| Reclaimed Water Filtration System | $770,000 | --- | --- | --- | --- | $770,000 |
| Interstate 75 Force Main Crossing | $135,800 | $407,400 | --- | --- | --- | $543,200 |
| Internal Recycle Pump Replacement | $450,000 | --- | --- | --- | --- | $450,000 |
| Intracoastal Force Main Crossing | $1,100,000 | --- | --- | --- | --- | $1,100,000 |
| Interstate Landscape Buffer | $120,000 | --- | --- | --- | --- | $120,000 |
| Sewer Line Repairs | $439,000 | --- | --- | --- | --- | $439,000 |
| **WATER AND WASTE WATER UTILITIES TOTAL** | **$17,650,410** | **$13,067,400** | **$6,255,000** | **$2,900,000** | **$1,450,000** | **$41,260,810** |
| **STORMWATER UTILITY** | | | | | | |
| Deertown Gully Outfall #8 | --- | --- | $1,225,000 | --- | --- | $1,225,000 |
| Venice Beach Outfall #1/Alhambra Outfall #2 | --- | $500,000 | --- | --- | --- | $500,000 |
| Flamingo Ditch Outfall #5 | $1,225,000 | --- | --- | --- | --- | $1,225,000 |
| **STORMWATER UTILITY TOTAL** | **$1,225,000** | **$500,000** | **$1,225,000** | **$0** | **$0** | **$2,950,000** |
| **TRANSPORTATION** | | | | | | |
| North-South Connector East of I-75 | $200,000 | --- | --- | --- | --- | $200,000 |
| Downtown Mobility Study | $240,000 | --- | --- | --- | --- | $240,000 |
| Downtown Enhancements | --- | --- | $125,000 | --- | --- | $125,000 |
| Indian/Turin Pedestrian Safety Improvements | --- | --- | $763,302 | --- | --- | $763,302 |
| Inian/Turin Right Turn Lane and Resurfacing | $100,000 | --- | --- | --- | --- | $100,000 |
| Pinebrook Road Intersection Expansion | --- | --- | --- | --- | $1,900,000 | $1,900,000 |
| Pinebrook-Edmondson Intersection Improvements | $500,000 | --- | --- | --- | --- | $500,000 |
| 2013 Paving Project | --- | $400,000 | --- | --- | $800,000 | $1,200,000 |
| **TRANSPORTATION TOTAL** | **$1,040,000** | **$400,000** | **$888,302** | **$0** | **$2,700,000** | **$5,028,302** |
| **BEACH NOURISHMENT** | | | | | | |
| Beach Nourishment, Mitigation & Monitoring | --- | $250,000 | $14,400,000 | $400,000 | $4,800,000 | $19,850,000 |
| **BEACH NOURISHMENT TOTAL** | **$0** | **$250,000** | **$14,400,000** | **$400,000** | **$4,800,000** | **$19,850,000** |
| **TOTAL EXPENDITURES** | **$21,308,555** | **$18,860,735** | **$24,434,750** | **$4,361,335** | **$9,000,000** | **$77,903,375** |

# CAPITAL IMPROVEMENT PROGRAM
## Fiscal Years 2012/13 to 2016/17

## Table 3: Capital Improvement Projects/Expenditures

**PROJECT: Fire Chief Vehicle Replacement** | **CATEGORY: Public Safety**

**DEPARTMENT/DIVISION: Fire Department** | **PROJECT NO. TBD**

**DESCRIPTION:**

Replace current 2002 Explorer used as Chief's primary emergency response unit.

**JUSTIFICATION:**

This vehicle is assigned to the Fire Chief. The Chief responds to all major emergencies. The current vehicle has reached its useful life and is not cost effective to maintain as a front-line vehicle as it has over 80,000 miles. Price is an estimate, the state contract will be used for actual purchase.

**OPERATING IMPACT:**

$3,000 savings in maintenance costs for 2012/13 Fiscal Year.

**CONCURRENCY:**

| **EXPENDITURES/ACTIVITY** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| Machinery & Equipment | $29,000 | --- | --- | --- | --- | $29,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $29,000 | --- | --- | --- | --- | $29,000 |

| **FUNDING SOURCES** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| General Fund Revenues | 29,000 | --- | --- | --- | --- | $29,000 |
| | | | | | | |
| TOTAL FUNDING | $29,000 | --- | --- | --- | --- | $29,000 |

**PROJECT: Fire Station 1 Rebuild**
**DEPARTMENT/DIVISION: Fire Department**

**CATEGORY: Public Safety**
**PROJECT NO. TBD**

**DESCRIPTION:**
Demolish current facility and rebuild, on the same site, a new multi-level station with three apparatus bays and living quarters for a maximum of ten staff members.

**JUSTIFICATION:**
Station 1 is the oldest and least secure facility. It is not a hardened facility and must be evacuated whenever tropical storms/hurricans threaten the area. The building did not meet minimum requirements for a storm retrofit. The new structure will be hardened to withstand Category 5 hurricanes and meet current requirements for emergency response.

**OPERATING IMPACT:**
$30,000 savings in maintenance costs; $10,000 savings for Fiscal Years 2013/14, 2014/15 and 2015/16.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Construction | --- | $755,320 | $1,007,093 | $755,320 | --- | $2,517,733 |
| Materials | --- | $72,409 | $93,546 | $72,409 | --- | $238,364 |
| Subcontractors | --- | $63,710 | $87,948 | $63,710 | --- | $215,368 |
| Outside Engineering | --- | $54,654 | $72,871 | $54,654 | --- | $182,179 |
| Other Miscellaneous | --- | $23,242 | $30,990 | $23,242 | --- | $77,474 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | $969,335 | $1,292,448 | $969,335 | --- | $3,231,118 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| 1 Cent Sales Tax | --- | $969,335 | $1,292,448 | $969,335 | --- | $3,231,118 |
| | | | | | | |
| TOTAL FUNDING | --- | $969,335 | $1,292,448 | $969,335 | --- | $3,231,118 |

**PROJECT: DIRECT/Support Vehicle Replacement** | **CATEGORY: Public Safety**

**DEPARTMENT/DIVISION: Fire Department** | **PROJECT NO. TBD**

**DESCRIPTION:**

Replace current 2005 Ford F-350 used as a support vehicle for the Department and the DIRECT Program (Dept's customer service program).

**JUSTIFICATION:**

The current vehicle has reached its usefull life and is not cost effective to maintain as a front-line vehicle. Price is an estimate, the state contract will be used for actual purchase.

**OPERATING IMPACT:**

$3,000 savings in maintenance costs for 2015/16 Fiscal Year.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | --- | --- | --- | --- | $42,000 | $42,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | --- | --- | $42,000 | $42,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| General Fund Revenues | --- | --- | --- | --- | $42,000 | $42,000 |
| | | | | | | |
| TOTAL FUNDING | --- | --- | --- | --- | $42,000 | $42,000 |

**PROJECT: Admin. Fire Staff Vehicle Replacement** | **CATEGORY: Public Safety**
**DEPARTMENT/DIVISION: Fire Department** | **PROJECT NO. TBD**

**DESCRIPTION:**
Replace current 2006 Ford Expedition used as an administrative staff vehicle.

**JUSTIFICATION:**
This vehicle is assigned to Administrative BC. The new unit will be a light duty truck which is more practical for job functions and cost effective. Price is an estimate, the state contract will be used for actual purchase.

**OPERATING IMPACT:**
$3,000 savings in maintenance costs for 2013/14 Fiscal Year.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | --- | $24,000 | --- | --- | --- | $24,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | $24,000 | --- | --- | --- | $24,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| General Fund Revenues | --- | $24,000 | --- | --- | --- | $24,000 |
| | | | | | | |
| TOTAL FUNDING | --- | $24,000 | --- | --- | --- | $24,000 |

**PROJECT: Admin. Fire Staff Vehicle Replacement**
**DEPARTMENT/DIVISION: Fire Department**

**CATEGORY: Public Safety**
**PROJECT NO. TBD**

**DESCRIPTION:**
Replace current 2004 Ford F-150 used as an administrative staff vehicle.

**JUSTIFICATION:**
This vehicle will be a light duty truck which is more practical for job functions and cost effective. It is used by administrative personnel. Price is an estimate, the state contract will be used for actual purchase.

**OPERATING IMPACT:**
$3,000 savings in maintenance costs for 2014/15 Fiscal Year.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | --- | --- | $24,000 | --- | --- | $24,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | $24,000 | --- | --- | $24,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| General Fund Revenues | --- | --- | $24,000 | --- | --- | $24,000 |
| | | | | | | |
| TOTAL FUNDING | --- | --- | $24,000 | --- | --- | $24,000 |

**PROJECT: Fire Engine Replacement** | **CATEGORY: Public Safety**

**DEPARTMENT/DIVISION: Fire Department** | **PROJECT NO. TBD**

**DESCRIPTION:**

Trade in 1999 Pierce unit and purchase new 2014 fire engine. Unit to be ordered during FY 2013/14 taking delivery in FY 2014/15. Funding to be determined.

**JUSTIFICATION:**

VFD has a 15-year rotation cycle for the fire engines and large emergency response vehicles. This plan provides for a high trade-in value while avoiding the increased repair and maintenance costs of an older unit.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | --- | --- | $300,000 | --- | --- | $300,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | $300,000 | --- | --- | $300,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| General Fund Revenues | --- | --- | $300,000 | --- | --- | $300,000 |
| | | | | | | |
| TOTAL FUNDING | --- | --- | $300,000 | --- | --- | $300,000 |

**PROJECT: Patrol Vehicle Replacements**
**DEPARTMENT/DIVISION: Police Department**

**CATEGORY: Public Safety**
**PROJECT NO. TBD**

**DESCRIPTION:**

Scheduled replacement of police vehicles. The cars to be replaced will be at the end of their mechancial life and would be cost prohibitive to keep.

**JUSTIFICATION:**

In order to exercise prudent fiscal management, patrol vehicles previously replaced at 85,000 miles are now replaced at the 100,000 mile benchmark. Although mileage is used as a standard, it is not an accurate depiction of correct operating time. Police vehicles have at least twice the operating time as civilian cars. Listed vehicles are to replace existing vehicles with mileage at or approaching 100,000 mile mark in FY 2012/13.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $246,500 | --- | --- | --- | --- | $246,500 |
| | | | | | | |
| TOTAL EXPENDITURES | $246,500 | --- | --- | --- | --- | $246,500 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| 1 Cent Sales Tax | $246,500 | --- | --- | --- | --- | $246,500 |
| | | | | | | |
| TOTAL FUNDING | $246,500 | --- | --- | --- | --- | $246,500 |

**PROJECT: Airport Landscaping** | **CATEGORY: Airport**

**DEPARTMENT/DIVISION: Airport** | **PROJECT NO. TBD**

**DESCRIPTION:**

In FY12, a landscape architect will be engaged to develop a plan and phase 1 of construction will be started. Additional construction will be completed in subsequent years until project is complete.

**JUSTIFICATION:**

This project is consistent with the goal of keeping Venice beautiful and eco-friendly and was previously identified by City Council as a priority for the airport as a gateway to the City. In addition, the plan will incorporate as many features as possible that will serve to mitigate airport noise and pollution.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design | $50,000 | --- | --- | --- | --- | $50,000 |
| Construction | $50,000 | $50,000 | $50,000 | $50,000 | $50,000 | $250,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $100,000 | $50,000 | $50,000 | $50,000 | $50,000 | $300,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Airport Fund | $100,000 | $50,000 | $50,000 | $50,000 | $50,000 | $300,000 |
| | | | | | | |
| TOTAL FUNDING | $100,000 | $50,000 | $50,000 | $50,000 | $50,000 | $300,000 |

**PROJECT: Replace Mowers** | **CATEGORY: Airport**
**DEPARTMENT/DIVISION: Airport** | **PROJECT NO. TBD**

**DESCRIPTION:**
Dispose of 2 small mowers and replace them with one large mower.

**JUSTIFICATION:**
Currently, Airport staff has a 1999 mower with a 5' cutting deck and a 2003 mower with a 6' cutting deck for airfield turf maintenance. Replacing these two small pieces of equipment with one large mower will increase staff efficiencies and is expected to significantly reduce maintenance costs.

**OPERATING IMPACT:**
$37,275 annual payroll savings and $9,680 annual maintenance cost savings over the next five fiscal years.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $57,645 | --- | --- | --- | --- | $57,645 |
| | | | | | | |
| TOTAL EXPENDITURES | $57,645 | --- | --- | --- | --- | $57,645 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Airport Fund | $57,645 | --- | --- | --- | --- | $57,645 |
| | | | | | | |
| TOTAL FUNDING | $57,645 | --- | --- | --- | --- | $57,645 |

**PROJECT: Taxiways A & C Rehabilitation & Lighting Improvements** | **CATEGORY: Airport**

**DEPARTMENT/DIVISION: Airport** | **PROJECT NO. TBD**

**DESCRIPTION:**

Rehabilitate deteriorated pavement and replace aging lighting systems.

**JUSTIFICATION:**

Taxiways have not been rehabilitated for 25-69 years. The 2011 FDOT Pavement Condition Indexes range from "fair" (59) to "poor" (51). The existing electrical lighting system is aging and failure is starting to occur. The system is currently over 20-years old and replacement is required. This project is necessary to maintain existing infrastructure and enhance aviation safety consistent with FAA Advisory Circular 150/5340-30F.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Consulting Services | $449,500 | $150,000 | --- | --- | --- | $599,500 |
| Legal & Misc. | $50,500 | $500,000 | --- | --- | --- | $550,500 |
| Construction | --- | $2,950,000 | --- | --- | --- | |
| | | | | | | |
| TOTAL EXPENDITURES | $500,000 | $3,600,000 | --- | --- | --- | $4,100,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Airport Fund | $25,000 | $180,000 | --- | --- | --- | $205,000 |
| State Grant | $475,000 | $3,420,000 | --- | --- | --- | $3,895,000 |
| | | | | | | |
| TOTAL FUNDING | $500,000 | $3,600,000 | --- | --- | --- | $4,100,000 |

**PROJECT: Environmental Assessment**
**DEPARTMENT/DIVISION: Airport**

**CATEGORY: Airport**
**PROJECT NO. TBD**

**DESCRIPTION:**

A review of potential environmental impacts from the proposed improvements to Runway 13/31 as shown on the 2011 approved ALP

**JUSTIFICATION:**

Required by FAA to identify and mitigate any environmental impacts of the proposed improvements to Runway 13/31. These improvements would shift the runway and remove the runway protection zone from 24 homes. This project is in the JACIP that was approved by City Council on 2/14/2012.

**OPERATING IMPACT:**

**CONCURRENCY:**

| **EXPENDITURES/ACTIVITY** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| Consulting Services | $449,500 | --- | --- | --- | --- | $449,500 |
| Legal & Misc. | $500 | --- | --- | --- | --- | $500 |
| | | | | | | |
| TOTAL EXPENDITURES | $450,000 | --- | --- | --- | --- | $450,000 |

| **FUNDING SOURCES** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| Airport Fund | $22,500 | --- | --- | --- | --- | $22,500 |
| State Grant | $427,500 | --- | --- | --- | --- | $427,500 |
| | | | | | | |
| TOTAL FUNDING | $450,000 | --- | --- | --- | --- | $450,000 |

**PROJECT: Mobile Home Park Clubhouse Remodeling** | **CATEGORY: Airport**

**DEPARTMENT/DIVISION: Airport** | **PROJECT NO. TBD**

**DESCRIPTION:**

Remove and replace interior paneling, insulate walls, replace library shelving and drywall, replace ceiling tiles, finish walls, update electrical and exterior paint.

**JUSTIFICATION:**

The existing paneling appears to be original 1940's-era and is in poor condition. The interior wall are buckling in some areas. Adding insulation will result in a cost savings for utility expenses and provide a vapor barrier to inhibit future water/moisture damage.

**OPERATING IMPACT:**

$660 total maintenance cost savings over the next five fiscal years; $560 toal operational cost savings over the next five fiscal years.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design & Construction | $10,000 | --- | --- | --- | --- | $10,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $10,000 | --- | --- | --- | --- | $10,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Airport Fund | $10,000 | --- | --- | --- | --- | $10,000 |
| | | | | | | |
| TOTAL FUNDING | $10,000 | --- | --- | --- | --- | $10,000 |

| | |
|---|---|
| **PROJECT: Utility Vehicles Replacements**<br>**DEPARTMENT/DIVISION: Utilities** | **CATEGORY: Water & Wastewater Utilities**<br>**PROJECT NO. TBD** |

**DESCRIPTION:**

Vehicle Replacements

**JUSTIFICATION:**

Replace the following vehicles: 1997 Ford Taurus (#280), 2002 Ford F150 (#295), F250 I & C Truck (#317), 2000 Ford P/U (#210), 2000 Ford F350 (#220), 1998 Ford E150 (#266) and a 2002 GMC Sonoma (#267) which have outlived their useful life.

**OPERATING IMPACT:**

$1,240 annual operational costs over the next five fiscal years.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $185,810 | --- | --- | --- | --- | $185,810 |
| | | | | | | |
| TOTAL EXPENDITURES | $185,810 | --- | --- | --- | --- | $185,810 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $185,810 | --- | --- | --- | --- | $185,810 |
| | | | | | | |
| TOTAL FUNDING | $185,810 | --- | --- | --- | --- | $185,810 |

| | |
|---|---|
| **PROJECT: RO Membrane Improvement**<br>**DEPARTMENT/DIVISION: Utilities/Water Production** | **CATEGORY: Water & Wastewater Utilities**<br>**PROJECT NO. TBD** |

**DESCRIPTION:**

Replace RO membranes, pressure vessels and associated equipment and upgrade SCADA system.

**JUSTIFICATION:**

Existing membranes, pressure vessels and associated equipment have reached the end of their useful life with replacement parts no longer manufactured and updated treatment technology make the existing units obsolete. Portions of existing facility do not provide sufficient automated control and remaining portion is obsolete requiring updated SCADA system.

**OPERATING IMPACT:**

**CONCURRENCY:**

| **EXPENDITURES/ACTIVITY** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| Machinery & Equipment | $5,050,000 | $3,600,000 | $3,600,000 | $1,300,000 | --- | $13,550,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $5,050,000 | $3,600,000 | $3,600,000 | $1,300,000 | --- | $13,550,000 |

| **FUNDING SOURCES** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| Water/Wastewater Fund | $900,000 | $3,600,000 | $3,600,000 | $1,300,000 | --- | $9,400,000 |
| Bond Funding | $4,150,000 | --- | --- | --- | --- | $4,150,000 |
| | | | | | | |
| TOTAL FUNDING | $5,050,000 | $3,600,000 | $3,600,000 | $1,300,000 | --- | $13,550,000 |

**PROJECT: Mini Excavator**
**DEPARTMENT/DIVISION: Utilities/Field Operations**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**
The mini excavator is a specialized piece of equipment that is able to perform excavating in very tight congested areas and rear easements.

**JUSTIFICATION:**
This equipment will minimize the use of contractors and save time and money relating to the repair of the wastewater system. It will also greatly expand the capabilities of the collections team and allow for more in-house construction.

**OPERATING IMPACT:**
Additional $250 per year maintenance cost for each of the next five fiscal years.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $49,000 | --- | --- | --- | --- | $49,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $49,000 | --- | --- | --- | --- | $49,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $49,000 | --- | --- | --- | --- | $49,000 |
| | | | | | | |
| TOTAL FUNDING | $49,000 | --- | --- | --- | --- | $49,000 |

**PROJECT: Compact Track Loader (Skid Steer)** | **CATEGORY: Water & Wastewater Utilities**

**DEPARTMENT/DIVISION: Utilities/Field Operations** | **PROJECT NO. TBD**

**DESCRIPTION:**

The skid steer would be used in rear easements not easily accessed with larger equipment.

**JUSTIFICATION:**

Able to perform job duties that do not require the larger equipment at job sites. Larger equipment, in the past, has damaged properties in which we have been required to restore property to its original condition. The purchase of the compact track loader would allow us to safely trailer the equipment and not drive to the job site as we have done in the past, causing maintenance costs (tires, etc.) to the backhoe that is currently used.

**OPERATING IMPACT:**

Additional $250 per year maintenance cost for each of the next five fiscal years.

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $62,000 | --- | --- | --- | --- | $62,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $62,000 | --- | --- | --- | --- | $62,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $62,000 | --- | --- | --- | --- | $62,000 |
| | | | | | | |
| TOTAL FUNDING | $62,000 | --- | --- | --- | --- | $62,000 |

**PROJECT: US 41 Bypass Improvements Utility Conflicts** | **CATEGORY: Water & Wastewater Utilities**

**DEPARTMENT/DIVISION: Utilities/Field Operations** | **PROJECT NO. TBD**

**DESCRIPTION:**

Relocate City utilities required by DOT for the US 41 Bypass Improvements Project.

**JUSTIFICATION:**

Required to relocate existing City of Venice utilities within the DOT right of Way to accommodate their construction project.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $320,000 | $850,000 | $430,000 | --- | --- | $1,600,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $320,000 | $850,000 | $430,000 | --- | --- | $1,600,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $320,000 | $850,000 | $430,000 | --- | --- | $1,600,000 |
| | | | | | | |
| TOTAL FUNDING | $320,000 | $850,000 | $430,000 | --- | --- | $1,600,000 |

**PROJECT: Additional Reclaimed Water Storage Tank**
**DEPARTMENT/DIVISION: Utilities/Water Reclamation**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Construction of a 3-5 million gallon reclaimed water ground storage tank.

**JUSTIFICATION:**

The addition of reclaimed water storage will allow the City to perform periodic maintenance on the existing storage tank which is not currently possible, and allow the City to expand its reclaimed water system to provide service to additional customers. It can also serve as additional capacity for the Reject Storage pond.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $2,840,000 | --- | --- | --- | --- | $2,840,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $2,840,000 | --- | --- | --- | --- | $2,840,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $2,840,000 | --- | --- | --- | --- | $2,840,000 |
| | | | | | | |
| TOTAL FUNDING | $2,840,000 | --- | --- | --- | --- | $2,840,000 |

**PROJECT: Eastside Water Reclamation Facility Aeration**
**DEPARTMENT/DIVISION: Utilities/Water Reclamation**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**
The Eastside WRF currently utilizes mechanical mixer/aerators for the biological treatment at the facility.

**JUSTIFICATION:**
Diffused air is more efficient and more economical from an electrical consumption stand point. The current mechanical mixer/aerators are in need of refurbishment and/or replacement as two units are 20+ years old while the other two are 10+ years old.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $250,000 | $1,625,000 | --- | --- | --- | $1,875,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $250,000 | $1,625,000 | --- | --- | --- | $1,875,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $250,000 | $1,625,000 | --- | --- | --- | $1,875,000 |
| | | | | | | |
| TOTAL FUNDING | $250,000 | $1,625,000 | --- | --- | --- | $1,875,000 |

| PROJECT: Asbestos Cement Force Main Replacement<br>DEPARTMENT/DIVISION: Utilities/Field Operations | CATEGORY: Water & Wastewater Utilities<br>PROJECT NO. TBD |
|---|---|

**DESCRIPTION:**

Replace A/C force mains with PVC or HDPE pipe.

**JUSTIFICATION:**

The current asbestos cement force mains are degrading and the resultant failures are causing sanitary sewer overflows.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $647,800 | --- | --- | --- | --- | $647,800 |
| | | | | | | |
| TOTAL EXPENDITURES | $647,800 | --- | --- | --- | --- | $647,800 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $647,800 | --- | --- | --- | --- | $647,800 |
| | | | | | | |
| TOTAL FUNDING | $647,800 | --- | --- | --- | --- | $647,800 |

**PROJECT: Additional Chlorine Contact Chamber**
**DEPARTMENT/DIVISION: Utilities/Water Reclamation**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Currently, the chlorine contact time limits the number of gallons of effluent which can be properly disinfected to meet reclaimed water standards.

**JUSTIFICATION:**

Addition of a contact chamber will allow more efficient use of the Sodium Hypochlorite System and will allow the treatment capacity to increase from 6 mgd to 8 mgd which has been predicted to be necessary by the year 2020.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for wastewater treatment.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $415,000 | --- | --- | --- | --- | $415,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $415,000 | --- | --- | --- | --- | $415,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $415,000 | --- | --- | --- | --- | $415,000 |
| | | | | | | |
| TOTAL FUNDING | $415,000 | --- | --- | --- | --- | $415,000 |
| | | | | | | |
| TOTAL FUNDING | $415,000 | --- | --- | --- | --- | $415,000 |

**PROJECT: Clearwell Rehabilitation**
**DEPARTMENT/DIVISION: Utilities/Water Production**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**
Repair and paint 1M gallon potable water reservoir - clearwell

**JUSTIFICATION:**
The 1-million gallon potable water reservoir is in need to concrete repair and painting. It has not been painted since the mid-1990's and is showing signs of fade, peel and concrete surface cracking. Remediation will provide indefinite useful life to the water facilities' primary finished water reservoir.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
|---|---|---|---|---|---|---|
| Machinery & Equipment | $14,000 | --- | --- | --- | --- | $14,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $14,000 | --- | --- | --- | --- | $14,000 |

| FUNDING SOURCES | FISCAL YEAR 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
|---|---|---|---|---|---|---|
| Water/Wastewater Fund | $14,000 | --- | --- | --- | --- | $14,000 |
| | | | | | | |
| TOTAL FUNDING | $14,000 | --- | --- | --- | --- | $14,000 |

**PROJECT: Concentrate Disposal**
**DEPARTMENT/DIVISION: Utilities/Water Production**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Conduct a study to explore/determine alternatives to dispose of the City's RO concentrate in a means other than the current surface water outfall and proceed with design and construction of the selected improvements.

**JUSTIFICATION:**

As EPA Numeric Nutrient Criteria rules evolve, and as part of determining that the RO plant can go to a higher water recovery, the City may not be able to maintain compliance with its current NPDES surface water discharge permit. A special condition in the current SWFWMD, WUP (200005393.009) directs the City to identify "whether a feasible opportunity exists to dispose of RO concentrate through deep well injection. This should include an exploration to partner with nearby local governments in sharing existing or new injection wells.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $250,000 | $1,000,000 | --- | --- | --- | $1,250,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $250,000 | $1,000,000 | --- | --- | --- | $1,250,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $250,000 | $1,000,000 | --- | --- | --- | $1,250,000 |
| | | | | | | |
| TOTAL FUNDING | $250,000 | $1,000,000 | --- | --- | --- | $1,250,000 |

**PROJECT: Eastside WRF Odor Control**
**DEPARTMENT/DIVISION: Utilities/Water Reclamation**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Installation of a Bio-filter and Bio-scrubber Odor Control System at the Eastside Preliminary Treatment Structure to remove odors associated with the raw wastewater received from the collection system.

**JUSTIFICATION:**

Odor and corrosion control is a primary concern of the Utilities Department. In an effort to remain "good neighbors" to the surrounding community, a systematic approach to odor control throughout the collection system as well as at the treatment facility needs to be established. This phase will focus on the treatment facility.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $250,000 | --- | --- | --- | --- | $250,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $250,000 | --- | --- | --- | --- | $250,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $250,000 | --- | --- | --- | --- | $250,000 |
| | | | | | | |
| TOTAL FUNDING | $250,000 | --- | --- | --- | --- | $250,000 |

**PROJECT: Water Main Improvements**
**DEPARTMENT/DIVISION: Utilities/Field Operations**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Relocate water mains and service lines from the rear easement to the front of properties.

**JUSTIFICATION:**

To safely maintain water main(s), service line(s), and valve(s) by relocating them to the front of the property. In the event of an emergency, the utilities crews could safely restore service to the customers in a more efficient and safe manner. The rear easements currently have several obstacles that could delay the repair of services to the customers.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $600,000 | $600,000 | $600,000 | $600,000 | $600,000 | $3,000,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $600,000 | $600,000 | $600,000 | $600,000 | $600,000 | $3,000,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $600,000 | $600,000 | $600,000 | $600,000 | $600,000 | $3,000,000 |
| | | | | | | |
| TOTAL FUNDING | $600,000 | $600,000 | $600,000 | $600,000 | $600,000 | $3,000,000 |

**PROJECT: Infiltration & Inflow (I & I) Improvements**
**DEPARTMENT/DIVISION: Utilities/Field Operations**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Perform sanitary manhole rehabilitation. Perform CCTV inspection to identify I&I issues in gravity sewer piping and to effect necessary repairs.

**JUSTIFICATION:**

Reduce costs by eliminating the unnecessary pumping of ground and storm water in the sanitary sewer collection system. To add capacity to the sanitary sewer collection system. To reduce wear and tear on equipment used to pump and process sewage. To remain in regulatory compliance.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for wastewater collection.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $2,625,000 | $2,125,000 | $1,625,000 | $1,000,000 | $850,000 | $8,225,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $2,625,000 | $2,125,000 | $1,625,000 | $1,000,000 | $850,000 | $8,225,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $2,625,000 | $2,125,000 | $1,625,000 | $1,000,000 | $850,000 | $8,225,000 |
| | | | | | | |
| TOTAL FUNDING | $2,625,000 | $2,125,000 | $1,625,000 | $1,000,000 | $850,000 | $8,225,000 |

| **PROJECT: Grit Removal System Replacement**<br>**DEPARTMENT/DIVISION: Utilities/Water Reclamation** | **CATEGORY: Water & Wastewater Utilities**<br>**PROJECT NO. TBD** |
|---|---|

**DESCRIPTION:**

Improve grit removal system capabilities.

**JUSTIFICATION:**

Due to the age and current condition, our existing grit removal system is in need of a complete rebuild and upgrade of equipment as available. This equipment is critical in reducing the amount of sand and grit before entering the plant to help establish maximum plant capacity by reducing solids.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for wastewater treatment.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $250,000 | $1,540,000 | --- | --- | --- | $1,790,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $250,000 | $1,540,000 | --- | --- | --- | $1,790,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $250,000 | $1,540,000 | --- | --- | --- | $1,790,000 |
| | | | | | | |
| TOTAL FUNDING | $250,000 | $1,540,000 | --- | --- | --- | $1,790,000 |

**PROJECT: Replacement of Ground Penetrating Radar** | **CATEGORY: Water & Wastewater Utilities**

**DEPARTMENT/DIVISION: Utilities/Water Production** | **PROJECT NO. TBD**

**DESCRIPTION:**

Replace MALA GPR wth new, updated unit.

**JUSTIFICATION:**

The MALA Ground Penetrating Radar is in need of replacement due to age and estimated cost to repair existing unit. This unit is critical to utility locate work and is used repeatedly throughout the work day to determine locations of underground appurtenances. To replace with same brand will take advantage of the years of training and experience with the current equipment.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $13,000 | --- | --- | --- | --- | $13,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $13,000 | --- | --- | --- | --- | $13,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $13,000 | --- | --- | --- | --- | $13,000 |
| | | | | | | |
| TOTAL FUNDING | $13,000 | --- | --- | --- | --- | $13,000 |

**PROJECT: Replacement of Lift Station Pumps** | **CATEGORY: Water & Wastewater Utilities**

**DEPARTMENT/DIVISION: Utilities/Water Reclamation** | **PROJECT NO. TBD**

**DESCRIPTION:**

Replace worn out/defective lift station submersible pumps as needed.

**JUSTIFICATION:**

New submersible pumps will help reduce electrical costs, increase pump efficiency and reduce pump maintenance costs.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $150,000 | --- | --- | --- | --- | $150,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $150,000 | --- | --- | --- | --- | $150,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $150,000 | --- | --- | --- | --- | $150,000 |
| | | | | | | |
| TOTAL FUNDING | $150,000 | --- | --- | --- | --- | $150,000 |

**PROJECT: WTP Dual Stage Air Scrubber**

**CATEGORY: Water & Wastewater Utilities**

**DEPARTMENT/DIVISION: Utilities/Water Production**

**PROJECT NO. TBD**

**DESCRIPTION:**

Installation of a dual stage chemical air scrubber system to remove Hydrogen Sulfide odors after degasification of permeate water.

**JUSTIFICATION:**

Odor control has become a primary concern of the Utilities Department. In an effort to remain "good neighbors" to the surrounding community and businesses. The current air scrubber is considered to be undersized and does a poor job of odor removal. This has necessitated the addition of a large amount of chemical at a cost of about $100,000 a year. Replacement of current system with a dual stage system will allow for greater efficiency, greater odor removal and a large saving in chemicals.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $100,000 | --- | --- | --- | --- | $100,000 |
| Machinery & Equipment | --- | $500,000 | --- | --- | --- | $500,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $100,000 | $500,000 | --- | --- | --- | $600,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $100,000 | $500,000 | --- | --- | --- | $600,000 |
| | | | | | | |
| TOTAL FUNDING | $100,000 | $500,000 | --- | --- | --- | $600,000 |

**PROJECT: WTP Installation of Second Degas System**
**DEPARTMENT/DIVISION: Utilities/Water Production**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

The degas system is used to strip Hydrogen Sulfide from the permeate water from the Water Plants Reverse Osmosis System by forcing air upwards through the water stream and breaking up the water allowing gas to escape.

**JUSTIFICATION:**

This is a critical part of the water treatment system. If it were to fail we would not be able to produce a stable high quality water. The addition of a second degas system would allow the plan to continue operations if one should fail. Also the current system has shown a pattern of not being able to keep up at higher flow rates. The addition of hte second system would allow both degas's to run in tandem producing a higher qulity product. The second system would finally allow for one tower to be taken off line for cleaning while the plant remains in production.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $119,000 | --- | --- | --- | --- | $119,000 |
| Machinery & Equipment | --- | $595,000 | --- | --- | --- | $595,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $119,000 | $595,000 | --- | --- | --- | $714,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $119,000 | $595,000 | --- | --- | --- | $714,000 |
| | | | | | | |
| TOTAL FUNDING | $119,000 | $595,000 | --- | --- | --- | $714,000 |

**PROJECT: WTP Replace/Redesign Sodium Hypochlorite System**
**DEPARTMENT/DIVISION: Utilities/Water Production**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Remove the current Sodium Hypochlorite delivery system and replace with pumps and controls better suited for the strength of chemical used.

**JUSTIFICATION:**

Current delivery system was sized for the delivery of an onsite generated Sodium Hypochlorite of a weaker strength than the 12% delivered chemical we currently use. The pumps are oversized causing problems with smooth control of system. At lower settings the pump will stop delivering chemical. The system also experiences many fitting breaks, again as it was designed for a much weaker bleach.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $45,000 | --- | --- | --- | --- | $45,000 |
| Machinery & Equipment | --- | $225,000 | --- | --- | --- | $225,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $45,000 | $225,000 | --- | --- | --- | $270,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $45,000 | $225,000 | --- | --- | --- | $270,000 |
| | | | | | | |
| TOTAL FUNDING | $45,000 | $225,000 | --- | --- | --- | $270,000 |

**PROJECT: New Eastern Production Well**
**DEPARTMENT/DIVISION: Utilities/Water Production**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

The City of Venice has one remaining production well that is currently permitted. We are looking to have this well drilled and put into production.

**JUSTIFICATION:**

Due to ongoing problems with production well 7W we are looking to have this well engineered, drilled and put into production. This well may be used to enhance the qulity and flexibility of our current well field rotations or may have to be used as a replacement for 7W depending ont he results of a pending study on the options left for running or capping 7W.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for potable water supply.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $51,000 | --- | --- | --- | --- | $51,000 |
| Machinery & Equipment | $149,000 | --- | --- | --- | --- | $149,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $200,000 | --- | --- | --- | --- | $200,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $200,000 | --- | --- | --- | --- | $200,000 |
| | | | | | | |
| TOTAL FUNDING | $200,000 | --- | --- | --- | --- | $200,000 |

**PROJECT: Replace RAS Pumps** | **CATEGORY: Water & Wastewater Utilities**
**DEPARTMENT/DIVISION: Utilities/Water Reclamation** | **PROJECT NO. TBD**

**DESCRIPTION:**
Replace return activated sludge pumps (3) at the WRF.

**JUSTIFICATION:**
Currently, we still have (3) original twenty year old RAS pumps that are in need of replacement. New pumps will help decrease electrical usage, increase pump efficiency and reduce maintenance costs.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Machinery & Equipment | $200,000 | --- | --- | --- | --- | $200,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $200,000 | --- | --- | --- | --- | $200,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $200,000 | --- | --- | --- | --- | $200,000 |
| | | | | | | |
| TOTAL FUNDING | $200,000 | --- | --- | --- | --- | $200,000 |

**PROJECT: Reclaimed Water Filtration System**
**DEPARTMENT/DIVISION: Utilities/Water Reclamation**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**

Addition of a filtration system to filter reclaimed water returned from the seasonal storage pond so that previously treated effluent does not have to be retreated before being sent to the reclaimed distribution system for use as highly disinfected irrigation water.

**JUSTIFICATION:**

Being able to filter and chlorinate the stored water and then combining it with treated effluent would save treatment capacity in the plant as well as the cost of re-treating the water which was previously treated to the high standards of reclaimed water.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for wastewater treatement.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $70,000 | --- | --- | --- | --- | $70,000 |
| Machinery & Equipment | $700,000 | --- | --- | --- | --- | $700,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $770,000 | --- | --- | --- | --- | $770,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $770,000 | --- | --- | --- | --- | $770,000 |
| | | | | | | |
| TOTAL FUNDING | $770,000 | --- | --- | --- | --- | $770,000 |

| | |
|---|---|
| **PROJECT: Interstate 75 Force Main Crossing**<br>**DEPARTMENT/DIVISION: Utilities/Field Operations** | **CATEGORY: Water & Wastewater Utilities**<br>**PROJECT NO. TBD** |

**DESCRIPTION:**

Directional drill new HDPE Force Main under I-75.

**JUSTIFICATION:**

No redundant crossing exists to transfer wastewater from the City to the Water Reclamation Facility.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $135,800 | $407,400 | --- | --- | --- | $543,200 |
| | | | | | | |
| TOTAL EXPENDITURES | $135,800 | $407,400 | --- | --- | --- | $543,200 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $135,800 | $407,400 | --- | --- | --- | $543,200 |
| | | | | | | |
| TOTAL FUNDING | $135,800 | $407,400 | --- | --- | --- | $543,200 |

| **PROJECT: Replacement IRP Pumps**<br>**DEPARTMENT/DIVISION: Utilities/Water Reclamation** | **CATEGORY: Water & Wastewater Utilities**<br>**PROJECT NO. TBD** |
|---|---|

**DESCRIPTION:**

Replace existing original internal recycle pumps at the WRF.

**JUSTIFICATION:**

Currently we still have (4) original IRP pumps that are over twenty years old with the original pump manufacture no longer in business. Repair parts are not available and need to be custom made. New pumps will help reduce electrical consumption, increase efficiency and reduce maintenance costs.

**OPERATING IMPACT:**

**CONCURRENCY:**

| **EXPENDITURES/ACTIVITY** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| Machinery & Equipment | $450,000 | --- | --- | --- | --- | $450,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $450,000 | --- | --- | --- | --- | $450,000 |

| **FUNDING SOURCES** | **FISCAL YEAR** | | | | | |
|---|---|---|---|---|---|---|
| | **2012/13** | **2013/14** | **2014/15** | **2015/16** | **2016/17** | **TOTAL** |
| Water/Wastewater Fund | $450,000 | --- | --- | --- | --- | $450,000 |
| | | | | | | |
| TOTAL FUNDING | $450,000 | --- | --- | --- | --- | $450,000 |

**PROJECT: Intercoastal Force Main Crossing**
**DEPARTMENT/DIVISION: Utilities/Field Operations**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**
Directional drill under the ICW with new HDPE Force Main.

**JUSTIFICATION:**
The existing force main is constructed of cast iron pipe and was installed in 1959. It was installed on top of the bed of the ICW and is exposed to potential impact damage. It has degraded and is in need of replacement.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $1,100,000 | --- | --- | --- | --- | $1,100,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $1,100,000 | --- | --- | --- | --- | $1,100,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $1,100,000 | --- | --- | --- | --- | $1,100,000 |
| | | | | | | |
| TOTAL FUNDING | $1,100,000 | --- | --- | --- | --- | $1,100,000 |

**PROJECT: Interstate Landscape Buffer**
**DEPARTMENT/DIVISION: Utilities/Water Reclamation**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**
Construct a landscape buffer.

**JUSTIFICATION:**
Currently the only buffer is the overgrowth of Brazilian Pepper Trees along the fenceline. These will be eradicated and replaced with native plants and trees to enhance the view of the facility as seen from the interstate.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $120,000 | --- | --- | --- | --- | $120,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $120,000 | --- | --- | --- | --- | $120,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $120,000 | --- | --- | --- | --- | $120,000 |
| | | | | | | |
| TOTAL FUNDING | $120,000 | --- | --- | --- | --- | $120,000 |

**PROJECT: Sewer Line Repairs**
**DEPARTMENT/DIVISION: Utilities/Field Operations**

**CATEGORY: Water & Wastewater Utilities**
**PROJECT NO. TBD**

**DESCRIPTION:**
Repair broken sewer lines.

**JUSTIFICATION:**
Repair sewer lines at the following locations: 417 Park Blvd, 710 Golden Beach, Alhambra, Cadiz-Orlando, N. Warfield and Park-Parkdale-Cadiz.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Other Than Buildings | $439,000 | --- | --- | --- | --- | $439,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $439,000 | --- | --- | --- | --- | $439,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Water/Wastewater Fund | $439,000 | --- | --- | --- | --- | $439,000 |
| | | | | | | |
| TOTAL FUNDING | $439,000 | --- | --- | --- | --- | $439,000 |

**PROJECT: Deertown Gully Outfall 8** | **CATEGORY: Stormwater Utility**

**DEPARTMENT/DIVISION: Engineering/Stormwater** | **PROJECT NO. TBD**

**DESCRIPTION:**

Complete design, permitting, and construction to upgrade the outfall at Deertown Gully to improve outfall water quality, decrease beach erosion and reduce potential flooding.

**JUSTIFICATION:**

Basin study - area prone to street flooding, increased beach erosion and requires water quality improvement of discharge to Gulf of Mexico, LMS project 33V.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Construction | --- | --- | --- | $1,225,000 | --- | $1,225,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | --- | $1,225,000 | --- | $1,225,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Stormwater Fund | --- | --- | --- | $612,500 | --- | $612,500 |
| Grants | --- | --- | --- | $612,500 | --- | |
| | | | | | | |
| TOTAL FUNDING | --- | --- | --- | $1,225,000 | --- | $1,225,000 |

| PROJECT: Venice Beach Outfall 1/Alhambra Outfall 2<br>DEPARTMENT/DIVISION: Engineering/Stormwater | CATEGORY: Stormwater Utility<br>PROJECT NO. TBD |
|---|---|

**DESCRIPTION:**

Based on field sampling conducted, water quality improvements are needed at the Venice Beach Outfall 1 and Alhambra Outfall 2 to provide treatment prior to the direct discharge to the Gulf of Mexico.

**JUSTIFICATION:**

Improve water quality prior to discharge to the Gulf of Mexico. To reduce the bacteria pollution to the Venice Public Beach and reduce the occurrence of beach advisories.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design, Planning & Construction | --- | --- | $500,000 | --- | --- | $500,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | $500,000 | --- | --- | $500,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Stormwater Fund | --- | --- | $250,000 | --- | --- | $250,000 |
| Grants | --- | --- | $250,000 | --- | --- | |
| | | | | | | |
| TOTAL FUNDING | --- | --- | $500,000 | --- | --- | $500,000 |

| PROJECT: Flamingo Ditch - Outfall 5<br>DEPARTMENT/DIVISION: Engineering/Stormwater | CATEGORY: Stormwater Utility<br>PROJECT NO. ST0003 |
|---|---|

**DESCRIPTION:**

Complete design, permitting, and construction to upgrade the outfall at Flamingo Ditch to improve outfall water quality, decrease beach erosion and reduce potential flooding.

**JUSTIFICATION:**

Basin study - area prone to street flooding, increased beach erosion and requires water quality improvement of discharge to Gulf of Mexico, LMS project 31V.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Construction | $1,225,000 | --- | --- | --- | --- | $1,225,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $1,225,000 | --- | --- | --- | --- | $1,225,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Stormwater Fund | $612,500 | --- | --- | --- | --- | $612,500 |
| Grants | $612,500 | --- | --- | --- | --- | $612,500 |
| | | | | | | |
| TOTAL FUNDING | $1,225,000 | --- | --- | --- | --- | $1,225,000 |

**PROJECT: North-South Connector East of I-75** | **CATEGORY: Transportation**

**DEPARTMENT/DIVISION: Engineering** | **PROJECT NO. TBD**

**DESCRIPTION:**

Construct two lane road with sidewalks and bike lanes between E. Laurel Road and Border Road utilizing developer negotiated right-of-way as funding allows.

**JUSTIFICATION:**

Increased capacity to provide a North-South Connector east of I-75 consistent with Comprehensive Plan Policy 3.3 to provide secondary access for residents and businesses located east of I-75 in the vicinity of E. Laurel Road. Project will be constructed utilizing a design/build firm. Design will be completed for 4-lane divided corridor with the outside lanes, sidewalks including multi-purpose trail, bike lanes, and stormwater improvements being constructed at this time. Future maintenance of the corridor will be conducted by Sarasota County. $5,7000,000 in Sarasota County Impact Fees transferred to the City in FY 2011/12.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for roadways.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design/Build Contractors | $160,000 | --- | --- | --- | --- | $160,000 |
| In-House Engineering | $20,000 | --- | --- | --- | --- | $20,000 |
| Other Miscellaneous | $20,000 | --- | --- | --- | --- | $20,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $200,000 | --- | --- | --- | --- | $200,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Sarasota County Impact Fees | $200,000 | --- | --- | --- | --- | $200,000 |
| | | | | | | |
| TOTAL FUNDING | $200,000 | --- | --- | --- | --- | $200,000 |

| | |
|---|---|
| **PROJECT: Downtown Mobility Study**<br>**DEPARTMENT/DIVISION: Engineering** | **CATEGORY: Transportation**<br>**PROJECT NO. TBD** |

**DESCRIPTION:**

Identify areas with potential for mobility improvements within the Downtown Area.

**JUSTIFICATION:**

Funding approved through Sarasota/Manatee Metropolitan Planning Organization (MPO) to evaluate the mobility aspects of the downtown area.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Mobility Study Consultant | $240,000 | --- | --- | --- | --- | $240,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $240,000 | --- | --- | --- | --- | $240,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| MPO/FDOT | $240,000 | --- | --- | --- | --- | $240,000 |
| | | | | | | |
| TOTAL FUNDING | $240,000 | --- | --- | --- | --- | $240,000 |

**PROJECT: Downtown Enhancements** | **CATEGORY: Transportation**

**DEPARTMENT/DIVISION: Engineering** | **PROJECT NO. TBD**

**DESCRIPTION:**

Implement recommendations of Downtown Mobility Study including resurfacing of Venice Avenue, installation of pedestrian signals, upgraded pedestrian crossings, ADA upgrades and other recommendations.

**JUSTIFICATION:**

Implement recommendations of Downtown Mobility Study including resurfacing of Venice Avenue, installation of pedestrian signals, upgraded pedestrian crossings, ADA upgrades and other recommendations. Funding has been requested through the MPO Enhancement Program and Gas Tax.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design | --- | --- | $750,000 | --- | --- | $750,000 |
| Construction | --- | --- | $500,000 | --- | --- | $500,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | $1,250,000 | --- | --- | $1,250,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| MPO/FDOT Grant | --- | --- | $750,000 | --- | --- | $750,000 |
| Gas Tax | --- | --- | $500,000 | --- | --- | $500,000 |
| | | | | | | |
| TOTAL FUNDING | --- | --- | $1,250,000 | --- | --- | $1,250,000 |

**PROJECT: Indian/Turin Pedestrian Safety Improvements** | **CATEGORY: Transportation**

**DEPARTMENT/DIVISION: Engineering** | **PROJECT NO. TBD**

**DESCRIPTION:**

Install pedestrian safety upgrades with enhanced landscaping at the US 41 Business intersection including sidewalk replacement, enhanced crosswalks and ADA upgrades.

**JUSTIFICATION:**

US 41 Business at Indian/Turin is a high volume pedestrian corridor due to the proximity of Venice High School, the proposed Performing Arts Center and local business upgrades. This project is funded through MPO Enhancement Funds to improve pedestrian safety.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design/Build | --- | --- | $463,302 | --- | --- | $463,302 |
| Lane Expansion/Restriping | --- | --- | $300,000 | --- | --- | $300,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | $763,302 | --- | --- | $763,302 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| FDOT | --- | --- | $463,302 | --- | --- | $463,302 |
| Local | --- | --- | $300,000 | --- | --- | $300,000 |
| | | | | | | |
| TOTAL FUNDING | --- | --- | $763,302 | --- | --- | $763,302 |

**PROJECT: Indian/Turin Right Turn Lane and Resurfacing**
**DEPARTMENT/DIVISION: Engineering**

**CATEGORY: Transportation**
**PROJECT NO. TBD**

**DESCRIPTION:**
Construct right turn lane from westbound Indian/Turin to northbound US 41 Business by adding additional paving width in conjuction with private project developing on the south side of Indian/Turin Street. Project will also include resurfacing, curb replacement, ADA corner upgrades, drainage improvements and restriping of the roadway segment from US 41 Business through the Bahama intersection.

**JUSTIFICATION:**
Traffic congestion currently exists at this intersection during peak flows from Venice High School and will increase after construction of the Performing Arts Center.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design | $10,000 | --- | --- | --- | --- | $10,000 |
| Construction | $90,000 | --- | --- | --- | --- | $90,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $100,000 | --- | --- | --- | --- | $100,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Gas Tax | $100,000 | --- | --- | --- | --- | $100,000 |
| | | | | | | |
| TOTAL FUNDING | $100,000 | --- | --- | --- | --- | $100,000 |

**PROJECT: Pinebrook Road Intersection Expansion** | **CATEGORY: Transportation**
**DEPARTMENT/DIVISION: Engineering** | **PROJECT NO. TBD**

**DESCRIPTION:**

Upgrade Pinebrook Road and E. Venice Avenue Intersection including the Pinebrook/Ridgewood intersection with pedestrian/bicycle safety enhancements. Funding allocated will be used to supplement additional funding sources by Sarasota County.

**JUSTIFICATION:**

Currently congestion exists at the Pinebrook/Venice Avenue intersection during peak hours. This congestion is expected to increase upon completion of the Honore Extension Project. Traffic stages through the Pinebrook/Ridgewood intersection which causes safety and capacity issues. Increased lane stacking and turning lanes will reduce congestion and improve traffic flow patterns and safety. Pedestrian and bicycling improvements will also be completed during design and construction activities.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for roadways.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design/Permitting | --- | --- | --- | --- | $200,000 | $200,000 |
| In-House Engineering | --- | --- | --- | --- | $30,000 | $30,000 |
| Other Miscellaneous | --- | --- | --- | --- | $20,000 | $20,000 |
| Right-of-Way | --- | --- | --- | --- | $1,650,000 | $1,650,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | --- | --- | --- | $1,900,000 | $1,900,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Sarasota County Impact Fees | --- | --- | --- | --- | $1,900,000 | $1,900,000 |
| | | | | | | |
| TOTAL FUNDING | --- | --- | --- | --- | $1,900,000 | $1,900,000 |

**PROJECT: Pinebrook-Edmondson Intersection Improvements** | **CATEGORY: Transportation**

**DEPARTMENT/DIVISION: Engineering** | **PROJECT NO. TBD**

**DESCRIPTION:**

Increase intersection capacity by the installation of two right turn lanes and complete improvements to enhance pedestrian and bicycle safety.

**JUSTIFICATION:**

Currently congestion exists at the Pinebrook/Edmonson during peak intersection hours. This congestion is expected to increase upon completion of the Honore Extension Project. Increasing lane stacking and turning lanes will reduce congestion and improve traffic flow patterns and safety.

**OPERATING IMPACT:**

**CONCURRENCY:**

This improvement will faciliate the maintenance of adopted minimum levels of service for roadways.

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Design | $40,000 | --- | --- | --- | --- | $40,000 |
| In-House Engineering | $10,000 | --- | --- | --- | --- | $10,000 |
| Construction | $440,000 | --- | --- | --- | --- | $440,000 |
| Other Miscellaneous | $10,000 | --- | --- | --- | --- | $10,000 |
| | | | | | | |
| TOTAL EXPENDITURES | $500,000 | --- | --- | --- | --- | $500,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Sarasota County Impact Fees | $500,000 | --- | --- | --- | --- | $500,000 |
| | | | | | | |
| TOTAL FUNDING | $500,000 | --- | --- | --- | --- | $500,000 |

**PROJECT: 2013 Paving Projects**
**DEPARTMENT/DIVISION: Engineering**

**CATEGORY: Transportation**
**PROJECT NO. TBD**

**DESCRIPTION:**

The paving project continues the regular resurfacing of city streets required to maintain level of service as funds become available.

**JUSTIFICATION:**

Maintenance of the road infrastructure system is critical and is consistent with strategic goal to upgrade city infrastructure and facilities. Several road surfaces are in poor condition and need immediate attention. In addition, this project will include paving and drainage restoration for Alley 62. Funding is available through accumulated road taxes.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Contractors | --- | $380,000 | --- | --- | --- | $380,000 |
| In-House Engineering | --- | $10,000 | --- | --- | --- | $10,000 |
| Other Miscellaneous | --- | $10,000 | --- | --- | --- | $10,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | $400,000 | --- | --- | --- | $400,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Gas Tax | --- | $400,000 | --- | --- | --- | $400,000 |
| | | | | | | |
| TOTAL FUNDING | --- | $400,000 | --- | --- | --- | $400,000 |

**PROJECT: Beach Nourishment, Mitigation & Monitoring** | **CATEGORY: Beach Nourishment**

**DEPARTMENT/DIVISION: Engineering - City Manager** | **PROJECT NO. TBD**

**DESCRIPTION:**

Periodic beach nourishment with required mitigation and monitoring work.

**JUSTIFICATION:**

Maintain Venice beaches as community asset and flood protection for upland properties. Comply with FDEP permit special conditions. JCP File 0211217-001-JC and Variance 0111217-002-EV.

**OPERATING IMPACT:**

**CONCURRENCY:**

| EXPENDITURES/ACTIVITY | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Engineering/Design/Permitting | --- | $105,000 | $145,000 | $225,000 | $430,000 | $905,000 |
| Monitoring | --- | $145,000 | $255,000 | $175,000 | $370,000 | $945,000 |
| Construction | --- | --- | $14,000,000 | --- | $4,000,000 | $18,000,000 |
| | | | | | | |
| TOTAL EXPENDITURES | --- | $250,000 | $14,400,000 | $400,000 | $4,800,000 | $19,850,000 |

| FUNDING SOURCES | FISCAL YEAR | | | | | |
|---|---|---|---|---|---|---|
| | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 | TOTAL |
| Federal Grants | --- | $45,000 | $10,683,600 | $45,000 | $45,000 | $10,818,600 |
| State Grants | --- | $80,889 | $1,702,426 | $144,818 | $2,119,058 | $4,047,191 |
| Local Funds | --- | $124,111 | $2,013,974 | $210,182 | $2,635,942 | $4,984,209 |
| | | | | | | |
| TOTAL FUNDING | --- | $250,000 | $14,400,000 | $400,000 | $4,800,000 | $19,850,000 |