

Sunday, August 09, 2012

CITY OF TAVARES



2013

Five – Year Capital Improvement Plan

**For the Current Fiscal Year
And Fiscal Years 2013, 2014, 2015, 2016 & 2017
Including FY 2012, the current year**



**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**



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CAPITAL IMPROVEMENT SUMMARY DRAFT**

OVERVIEW OF REQUESTED PROJECTS

CAPITAL PROGRAM DEFINED

The Government Finance Officer's Association defines "capital assets" as assets of significant value and having a useful life of several years. Capital assets are also called fixed assets. A "Capital Improvement Program" is a plan for capital expenditures to be incurred each year over a fixed period of several years (usually five or six) setting forth each capital project and identifying the expected beginning and ending date for each project, the amount to be expended in each year, and the method of paying for those expenditures.

SUMMARY OF RECOMMENDED PROJECTS

The proposed 2012-2017 (including the current fiscal year) includes 145 Capital Projects (including capital equipment) with a total value of \$159,442,067. The following represents the percentage of total funding that each defined category will need allocated: Beautification 1%, Economic Development 41.5%, Public Buildings & Facilities 7.0%, Parks & Recreation 11.0%, Transportation Improvements 9.0%, Potable Water Facilities 11.0%, Reuse Water 4.1%, Wastewater Facilities 10.2%, Solid Waste Collections .4%, Stormwater 4.2%, and General Government Capital Equipment .6%.

Twenty-five (28) Revenue Sources have been identified as possible funding sources utilizing five types of financing options: pay-as-you-go, debt issuance, capital lease, grants, and mixed (a combination of several funding sources).

The City of Tavares has implemented an Economic Development initiative in 2007 which includes an Economic Development Department with a grant writing component which has enhanced the City's ability to secure various grant funding opportunities.

SUMMARY OF MAJOR PROGRAMS

The following table presents a summarized breakdown of the costs of the various projects recommended for funding categorized by major category for each of the five years covered by the Capital Improvement Program.

Table 1
Capital Improvement Program
2010/11 - 2015/16
Summary of Recommended Capital Projects by Function

Program	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
1 Beautification	41,765	-	706,116	350,000	350,000	100,000	1,547,881
2 Economic Development	2,507,500	11,069,236	10,776,650	26,316,650	15,250,000	250,000	66,170,036
3 Public Buildings & Facilities	10,000	995,000	7,103,668	546,667	2,066,667	386,666	11,108,668
4 Parks & Recreation	1,870,991	2,048,680	2,505,500	11,229,000	-	-	17,654,171
5 Transportation	566,187	2,534,440	6,093,075	3,844,729	1,296,465	10,000	14,344,896
6 Water Facilities & Improvements	274,078	5,624,955	5,789,878	2,944,000	2,944,000	-	17,576,911
7 Wastewater Facilities & Improvements	383,600	4,411,637	5,102,265	3,714,680	2,606,980	-	16,219,162
8 Water Reuse/Reclamation	2,515,848	4,002,974	-	-	-	-	6,518,822
9 Solid Waste	354,000	-	340,000	-	-	-	694,000
10 Stormwater	314,939	3,730,000	440,000	200,000	2,000,000	-	6,684,939
11 General Government	63,760	133,405	479,416	246,000	-	-	922,581
Total Programs	\$ 8,902,668	\$ 34,550,327	\$ 39,336,568	\$ 49,391,726	\$ 26,514,112	\$ 746,666	\$ 159,442,067

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

**Table 2
Capital Improvement Program
2010/11 - 2015/16
Schedule of Capital Projects by Recommended Funding Source**

Funding Source			2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
1	General ⁴	Pay-as-you-go General Oper	\$ 104,260	\$ 193,451	\$ 770,409	\$ 290,729	\$ 46,465	\$ 10,000	\$ 1,415,314
2	General Long Term Debt ²	Debt General Debt	1,491,800	4,713,036	7,386,250	-	-	-	13,591,086
3	Water/Wastewater	Pay-as-you-go W/WW Oper	407,678	692,082	1,289,073	28,500	16,000	-	2,433,333
4	State Revolving Loan Fund/USDA ¹	Debt W/WW Debt	2,072,460	3,295,727	-	-	-	-	5,368,187
5	Stormwater Debt	Debt STORM DEBT	-	2,603,000	-	-	-	-	2,603,000
6	USDA Subsidized Loans	USDA USDA	-	6,651,110	6,651,110	-	-	-	13,302,220
7	Capital Lease	Capital Lease	645,000	-	340,000	-	-	-	985,000
8	Solid Waste	Pay-as-you-go Solid Waste Oper	14,000	-	-	-	-	-	14,000
9	Stormwater	Pay-as-you-go Stormwater Oper	64,939	27,000	195,000	-	-	-	286,939
10	Police & Fire Impact Fees	Pay-as-you-go Pub Sfty Imp	10,000	110,000	-	-	-	-	120,000
11	Infrastructure Sales Tax	Pay-as-you-go Sales Tax	328,203	115,074	800,000	850,000	750,000	-	2,843,277
12	Grants	Grants	-	2,746,700	6,046,650	34,295,650	21,300,000	-	64,389,000
14	Lake County CDBG	Grants	54,065	-	-	-	-	-	54,065
15	FRDAP Grants	Grants	-	-	-	1,500,000	-	-	1,500,000
16	FDOT - FL Dept of Transportation	Grants	975,000	5,875,000	4,600,000	4,600,000	-	-	16,050,000
17	Lake County Board of County Commission	Grants	1,394,883	-	-	-	-	-	1,394,883
18	Florida Central Rail Road	Grants	128,500	-	-	-	-	-	128,500
19	Federal Rail Administration	Grants	-	1,100,000	1,100,000	-	-	-	2,200,000
20	Lake County Water Authority - LCWA	Grants	112,500	-	-	-	-	-	112,500
21	FBIP - Florida Boating & Improvement Grant	Grants	53,500	-	-	-	-	-	53,500
22	Water/Wastewater Impacts ³	Pay-as-you-go W/WW Impacts	100,000	2,638,000	2,951,960	4,630,180	3,534,980	-	13,855,120
23	Water/Wastewater Renewal & Replacement	Pay-as-you-go W/WW RR&I	150,000	55,400	-	-	-	-	205,400
24	Lake County Library Impacts	Pay-as-you-go Lib Impacts	-	-	-	346,667	266,667	386,666	1,000,000
25	Lake County Trans Impacts	Pay-as-you-go Tran Impacts	303,227	2,500,000	5,000,000	2,500,000	-	-	10,303,227
26	ST. Johns River Water Management District	Grants	443,388	707,247	-	-	-	-	1,150,635
27	Mixed (various funding sources to be determined)	Mixed	49,265	517,500	2,206,116	350,000	600,000	350,000	4,072,881
28	Seaplane Operations	Pay-as-you-go Seaplane Oper	-	10,000	-	-	-	-	10,000
Total Funding Sources			\$ 8,902,668	\$ 34,550,327	\$ 39,336,568	\$ 49,391,726	\$ 26,514,112	\$ 746,666	\$ 159,442,067
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

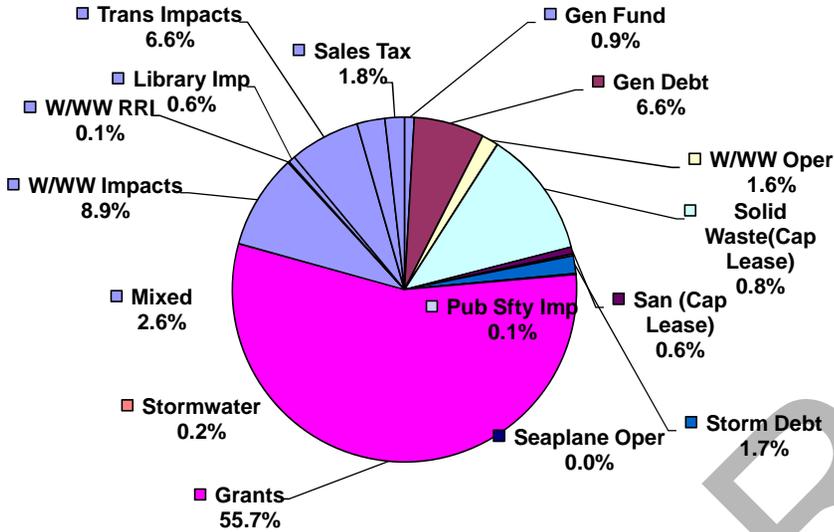
¹Woodlea Sports Project has been included with grant funding in the above table as needed debt for this project may not be sustainable with current revenue constraints

²Impact Fees will be used to offset debt service obligations for the SRF projects, therefore W/WW Impact projects may need to be held until sufficient resources exist

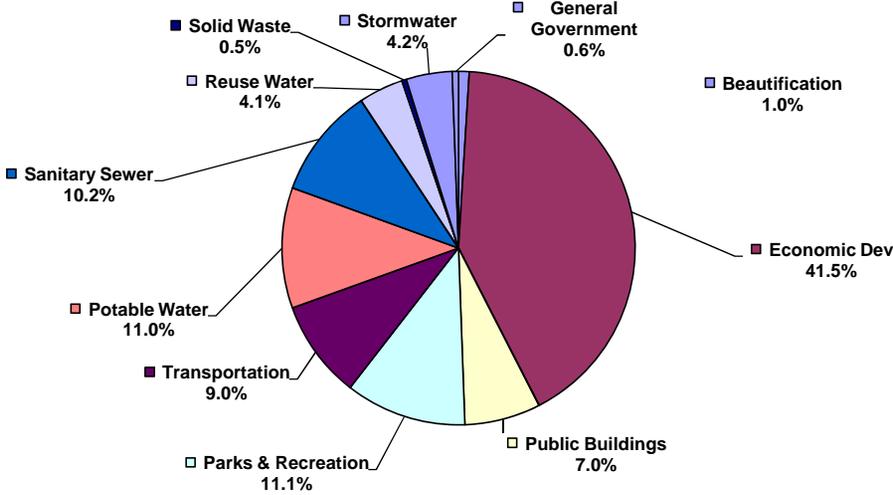
³Impact Fee Projects listed above have not been included in the fund schedule for expenditures for Water/Wastewater as funding will need to be determined on a year to year basis due to debt and cash flow variables

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

FUNDING SOURCE SUMMARY



FIVE YEAR CAPITAL CATEGORY PERCENTAGES



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CAPITAL IMPROVEMENT SUMMARY DRAFT**

**Table 3
Capital Improvement Program
2010/11 - 2015/16
Schedule of Capital Projects by Recommended Funding Source**

No. Program	Dept	Funding	Status	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total	
Beautification											
2	2e	5901	MIXED	OG	\$ -	\$ -	\$ 150,000	\$ -	\$ -	\$ 150,000	
2	3d	5901	MIXED	OG	-	-	500,000	250,000	250,000	1,000,000	
3	3h	5901	MIXED	OG	41,765	-	56,116	100,000	100,000	397,881	
Total Beautification					\$ 41,765	\$ -	\$ 706,116	\$ 350,000	\$ 350,000	\$ 1,547,881	
Economic Development											
9	2c	5901	MIXED	F	-	-	-	250,000	250,000	500,000	
9	3f	5901	MIXED	F	-	-	1,500,000	-	-	1,500,000	
58		5901	LCBCC	F	1,200,000	-	-	-	-	1,200,000	
53		5901	GRANTS	F	-	-	75,000	-	-	75,000	
53		5901	GRANTS	F	-	-	-	5,970,000	-	5,970,000	
55	2d	5901	GRANTS	F	-	-	75,000	-	-	75,000	
55	2d	5901	GRANTS	F	-	-	750,000	-	-	750,000	
55	2d	5901	GRANTS	F	-	-	-	15,000,000	15,000,000	30,000,000	
56		5901	GEN DEBT	F	-	300,000	-	-	-	300,000	
56		5901	MIXED	F	7,500	142,500	-	-	-	150,000	
57	0	5901	GRANTS	F	-	-	750,000	-	-	750,000	
76		5901	GEN	OG	84,000	-	-	-	-	84,000	
76		5901	LCWA	P	112,500	-	-	-	-	112,500	
76		5901	FDOT	P	975,000	-	-	-	-	975,000	
76		5901	FCRR	P	128,500	-	-	-	-	128,500	
143		5901	GEN	P	-	35,000	-	-	-	35,000	
143		5901	FDOT	P	-	1,275,000	-	-	-	1,275,000	
143		5901	GRANTS	P	-	390,000	-	-	-	390,000	
54		5901	GEN	F	-	80,000	80,000	-	-	160,000	
54		5901	FRA	F	-	1,100,000	1,100,000	-	-	2,200,000	
54		5901	GRANTS	F	-	746,700	746,650	746,650	-	2,240,000	
54		5901	FDOT	F	-	4,600,000	4,600,000	4,600,000	-	13,800,000	
231		5901	GEN DEBT	OG	-	2,400,036	-	-	-	2,400,036	
231		5901	GRANTS	OG	-	-	200,000	-	-	200,000	
231		5901	GEN DEBT	OG	-	-	900,000	-	-	900,000	
Total Economic Development					\$ 2,507,500	\$ 11,069,236	\$ 10,776,650	\$ 26,316,650	\$ 15,250,000	\$ 66,170,036	
Public Buildings & Facilities											
5	2201/2101	GRANTS	F	-	173,250	-	-	-	-	173,250	
5	2201/2101	PUB SFTY IMP	O	-	57,750	-	-	-	-	57,750	
5	2201/2101	GRANTS	O	-	326,750	-	-	-	-	326,750	
5	2201/2101	PUB SFTY IMP	O	-	52,250	-	-	-	-	52,250	
5	2201/2101	MIXED	O	-	375,000	-	-	-	-	375,000	
5	2201/2101	GRANTS	F	-	-	500,000	-	-	-	500,000	
5	2201/2101	GEN DEBT	F	-	-	6,486,250	-	-	-	6,486,250	
143	2101	PUB SFTY IMP	P	10,000	-	-	-	-	-	10,000	
59	4101	GRANTS	F	-	-	30,000	-	-	-	30,000	
59	4101	GRANTS	F	-	-	-	200,000	-	-	200,000	
59	4101	GRANTS	F	-	-	-	-	1,800,000	-	1,800,000	
6	7101	LC LIB IMPACTS	F	-	-	-	346,667	266,667	386,666	1,000,000	
7	4101	GEN	F	-	-	87,418	-	-	-	87,418	
228	4304	SEAPLANE OPER	OG	-	1,500	-	-	-	-	1,500	
229	4304	SEAPLANE OPER	OG	-	3,500	-	-	-	-	3,500	
230	4304	SEAPLANE OPER	OG	-	5,000	-	-	-	-	5,000	
Total Public Buildings & Facilities					\$ 10,000	\$ 995,000	\$ 7,103,668	\$ 546,667	\$ 2,066,667	\$ 386,666	\$ 11,108,668

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2010/11 - 2015/16
Schedule of Capital Projects by Recommended Funding Source**

No. Program	Dept	Funding	Status	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total	
Parks & Recreation											
61	Aesop Pk - Security Cameras	7201	GEN	OG	6,000	-	-	-	-	6,000	
60	Aesop Park - Land Acquisition	7201	GRANTS	F	-	-	594,000	-	-	594,000	
12	Replace Dugouts at Stover	7201	SALES TAX	F	-	-	100,000	-	-	100,000	
62	Replace Fencing at Stover Park-Const	7201	GRANTS	F	-	200,000	-	-	-	200,000	
13	Floating Docks at TRP	7201	SALES TAX	OG	25,290	-	-	-	-	25,290	
13	Floating Docks at TRP	7201	FBIP	OB	53,500	-	-	-	-	53,500	
63	St. Clair Abram House Acquisition	7201	GRANTS	F	-	-	535,000	-	-	535,000	
136	Bleachers for the Woodlea Ballfields	7201	GEN	OG	-	30,000	-	-	-	30,000	
137	Flagpole & Lights at Cemetery	7201	GEN	OG	-	3,000	-	-	-	3,000	
138	Resurface Basketball Courts	7201	SALES TAX	OG	-	35,680	-	-	-	35,680	
139	Outdoor Movie Screen/System	7201	GEN	OG	-	16,000	-	-	-	16,000	
140	RecPro Software	7201	GEN	OG	-	15,000	-	-	-	15,000	
141	Inflatable Acoustic Band Shell	7201	GEN	OG	-	12,000	-	-	-	12,000	
142	F-250 4x2 Trucks (2)	7201	GEN	OG	-	43,000	-	-	-	43,000	
146	Windscreens for Tennis Courts	7201	GEN	OG	-	2,000	-	-	-	2,000	
147	Golf Cart	7201	GEN	OG	-	1,500	-	-	-	1,500	
144	PA Sound System	7201	GEN	OG	2,500	-	-	-	-	2,500	
148	Resurface Tennis Courts at Aesop's Park	7201	GEN	OG	-	8,000	-	-	-	8,000	
145	Seaplane Base/Wooton Park Pavilion	7201	GEN DEBT	OG	1,287,000	-	-	-	-	1,287,000	
145	Seaplane Base/Wooton Park Pavilion	7201	GEN DEBT	OG	-	2,013,000	-	-	-	2,013,000	
15	Woodlea Sports Complex	7201	SALES TAX	OG	301,818	-	-	-	-	301,818	
16	Woodlea Sports Complex	7201	LCBCC	OG	194,883	-	-	-	-	194,883	
15	Woodlea Sports Complex	7201	FRDAP GRANT	F	-	-	1,500,000	-	-	1,500,000	
15	Woodlea Sports Complex	7201	GRANTS	F	-	2,175,000	8,500,000	-	-	10,675,000	
Total Parks & Recreation					\$ 1,870,991	\$ 2,048,680	\$ 2,505,500	\$ 11,229,000	\$ -	\$ -	\$ 17,654,171
Transportation											
17	Sidewalks	4101	GEN	OG	3,000	5,000	33,075	34,729	36,465	112,269	
17	Sidewalks	4101	CDBG	OG	54,065	-	-	-	-	54,065	
77	Street Sign Replacement	4101	GEN	F	-	-	10,000	10,000	10,000	40,000	
200	Todd Way Cul-de-Sac	4101	GEN	F	-	19,440	-	-	-	19,440	
19	Alleyway Improvements	4103	SALES TAX	OG	1,095	-	-	-	-	1,095	
19	Alleyway Improvements	4103	GEN DEBT	OG	52,000	-	-	-	-	52,000	
19	Alleyway Improvements (3g)	3g	GRANTS	F	-	-	50,000	50,000	500,000	600,000	
21	Ruby Street Doc & Perm (2b) Prelim Design	2b	GRANTS	F	-	10,000	-	-	-	10,000	
22	Alfred Street (2f)	5901	TRAN IMPACTS	OG	303,227	-	-	-	-	303,227	
22	Alfred Street (2f) - Streetscape Design	2f	GEN DEBT	OG	152,800	-	-	-	-	152,800	
22	Alfred Street (3c) - Construction	3c	TRAN IMPACTS	OG	-	2,500,000	5,000,000	2,500,000	-	10,000,000	
8	Ruby Street Design (2a)	2a	GRANTS	F	-	-	250,000	-	-	250,000	
21	Ruby Street (3e)	3e	GRANTS	F	-	-	-	500,000	-	500,000	
65	Road Paving Improvements	4103	SALES TAX	F	-	-	750,000	750,000	750,000	2,250,000	
Total Transportation					\$ 566,187	\$ 2,534,440	\$ 6,093,075	\$ 3,844,729	\$ 1,296,465	\$ 10,000	\$ 14,344,896

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

**Table 3
Capital Improvement Program
2010/11 - 2015/16
Schedule of Capital Projects by Recommended Funding Source**

No.	Program	Dept	Funding	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
Water Facilities & Improvements										
67	Consumptive Use Permit	3301	WWW OG	125,000	200,000	-	-	-	-	325,000
26	Distrib Relocations & Upgrades - ??	3301	WWW F	-	145,000	1,155,000	-	-	-	1,300,000
27	Distribution Expansion - ??	3301	IMPACTS F	-	1,888,000	944,000	944,000	944,000	-	4,720,000
28	Alfred Street Upgrades & CRA Upgrades	3301	USDA LOAN F	-	3,325,555	3,325,555	-	-	-	6,651,110
29	Alternative Potable Water Supply	3301	IMPACTS F	-	-	350,000	-	-	-	350,000
29	Alternative Potable Water Supply	3301	GRANTS F	-	-	-	2,000,000	2,000,000	-	4,000,000
153	Pole Barn - internal office enclosure central a/c	3301/3302	WWW F	-	-	10,000	-	-	-	10,000
154	Dell ATG & Docking Station - Grid Map/Line Loc	3302	WWW F	-	-	5,323	-	-	-	5,323
155	Plant #1 High Service Pump #3	3301	WWW OG	37,173	-	-	-	-	-	37,173
156	Plant #4 12" Mag-Effluent Meter	3301	WWW OG	4,755	-	-	-	-	-	4,755
157	Plant #1 - High Service Pump and Motor	3301	WWW OG	11,000	-	-	-	-	-	11,000
158	Plant #4 - High Service Pump and Motor	3301	WWW OG	8,000	-	-	-	-	-	8,000
208	Computer Treatment Inventory Software (H.T.E)	3301	WWW OG	-	5,550	-	-	-	-	5,550
209	Pole Barn for Storage - shared with distribution div	3301	WWW OG	-	2,500	-	-	-	-	2,500
210	Plant #4 - High Service Pump and Motor	3301	WWW OG	-	2,000	-	-	-	-	2,000
211	Plant #4 - Air Conditioner Replacement	3301	WWW OG	-	12,000	-	-	-	-	12,000
212	Plant #4 - Roof Replacement	3301	WWW OG	-	15,000	-	-	-	-	15,000
159	Pipe Locators	3302	WWW OG	12,100	-	-	-	-	-	12,100
160	Fire Hydrant Replacement Program	3302	WWW OG	5,100	-	-	-	-	-	5,100
161	Valve Replacement Program	3302	WWW OG	2,500	1,500	-	-	-	-	4,000
162	6", 8", & 10" Insertion Valves	3302	WWW OG	20,000	-	-	-	-	-	20,000
163	Fire Hydrants - Business & Property Protection	3302	WWW OG	5,400	3,400	-	-	-	-	8,800
164	Valve Installation Program	3302	WWW OG	3,000	1,500	-	-	-	-	4,500
165	Design - Proposed Water Line Ext - SR 19	3302	WWW OG	13,350	-	-	-	-	-	13,350
166	Design - Proposed Water Line Ext - Alfred St.	3302	WWW OG	13,350	-	-	-	-	-	13,350
167	Design - Proposed Water Line Ext - Nightingale	3302	WWW OG	13,350	-	-	-	-	-	13,350
213	Wacker Packer Replacement	3302	WWW OG	-	1,900	-	-	-	-	1,900
214	5" & 8" Insertion Valves	3302	WWW OG	-	13,000	-	-	-	-	13,000
215	Computer Treatment Inventory Software (H.T.E)	3302	WWW OG	-	550	-	-	-	-	550
216	Envista Computer Software - GIS	3302	WWW OG	-	5,000	-	-	-	-	5,000
87	TOKAY Line to H.T.E. (possible roll over)	3302	WWW F	-	2,500	-	-	-	-	2,500
Total Water Facilities & Improvements				\$ 274,078	\$ 5,624,955	\$ 5,789,878	\$ 2,944,000	\$ 2,944,000	\$ -	\$ 17,576,911
Wastewater Facilities & Improvements										
69	Lake Francis Infra Upgrades- Ph 1 of 3	3504	WWW RR&I F	150,000	-	-	-	-	-	150,000
70	Lift Station Fencing	3504	WWW OG	-	-	18,750	12,500	-	-	31,250
71	Odor Control for Lift Stations	3504	WWW OG	-	-	16,000	16,000	16,000	-	48,000
123	Additional Digester for Plant	3501	IMPACTS OG	100,000	-	-	-	-	-	100,000
184	Digester Blower	3501	WWW OG	-	-	45,000	-	-	-	45,000
185	Replace Motors, Pumps - Woodlea & Caroline	3501	WWW OG	-	-	36,000	-	-	-	36,000
186	Ethernet Switches for SCADA	3501	WWW OG	-	-	3,000	-	-	-	3,000
218	BFP Conveyor Belt - Replace Belt Press	3501	WWW OG	-	20,000	-	-	-	-	20,000
219	Replace Cerlic Prog/Sensor	3502	WWW OG	-	14,000	-	-	-	-	14,000
187	Oil & Grease Analyzer for FOG Program	3503	WWW OG	-	8,500	-	-	-	-	8,500
219	4700FR, Composite Sampler for Coll Infulent	3503	WWW OG	-	6,050	-	-	-	-	6,050
220	In-Line TSS Analyzer for WWTP Re-Use Backup	3503	WWW OG	-	6,082	-	-	-	-	6,082
221	SC200 Controller & PH Sensor for WWTP	3503	WWW OG	-	3,300	-	-	-	-	3,300
222	Tri-Lab 8700 PH/EP/IP Autotitrator with Burette	3503	WWW OG	-	13,000	-	-	-	-	13,000

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CAPITAL IMPROVEMENT SUMMARY DRAFT**

**Table 3
Capital Improvement Program
2010/11 - 2015/16
Schedule of Capital Projects by Recommended Funding Source**

No.	Program	Dept	Funding	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
Wastewater Facilities & Improvements Cont'd										
223	Replace 1996 F150 Vehicle #808	3501	WWW OG	-	25,000	-	-	-	-	25,000
224	Replace Boom Truck-Vehicle #812	3504	WWW OG	-	74,500	-	-	-	-	74,500
188	Lift Station Pannels - CRA LS 1, 3, 18	3504	WWW OG	-	45,000	-	-	-	-	45,000
189	Spare Pumps for Lift Stations	3504	WWW OG	15,000	40,000	-	-	-	-	55,000
216	Envista Computer Software - GIS	3501	WWW OG	-	5,000	-	-	-	-	5,000
216	Envista Computer Software - GIS	3504	WWW OG	-	5,000	-	-	-	-	5,000
218	Vac Truck Nozzles & Hoses	3504	WWW OG	-	6,000	-	-	-	-	6,000
217	Lift Station Towers for LS Communication	3504	WWW OG	-	9,250	-	-	-	-	9,250
190	Electrical Control Panels for Lift Stations - 2	3504	WWW OG	12,000	-	-	-	-	-	12,000
191	Monitoring Wells #8, #10 & #11 Casing	3503	WWW OG	1,600	-	-	-	-	-	1,600
192	SCADA Panels for Lift Stations - 6	3504	WWW OG	90,000	-	-	-	-	-	90,000
192	SCADA Panel Installation	3504	WWW OG	15,000	-	-	-	-	-	15,000
28	Alfred Street Upgrades & CRA Upgrades	3504	USDA LOAN F	-	3,325,555	3,325,555	-	-	-	6,651,110
225	Upgrade Homer Force Main - Add Capacity	3501	IMPACTS OG	-	750,000	-	-	-	-	750,000
226	12" Water Main - Main St. & Disston Ave	3501	WWW RR&I OG	-	10,400	-	-	-	-	10,400
227	Digester Blower Replacement	3501	WWW RR&I OG	-	45,000	-	-	-	-	45,000
45	Wastewater Collection & Trans	3501	IMPACTS F	-	-	1,381,960	690,980	690,980	-	2,763,920
45	Woodlea WWTF Expansion	3501	IMPACTS F	-	-	276,000	2,995,200	1,900,000	-	5,171,200
Total Wastewater Facilities & Improvements				\$ 383,600	\$ 4,411,637	\$ 5,102,265	\$ 3,714,680	\$ 2,606,980	\$ -	\$ 16,219,162
Reuse/Reclaim Water										
46	Reclaimed Water Project - Phase 1	3502	SRF OG	2,072,460	518,115	-	-	-	-	2,590,575
46	Reclaimed Water Project - Phase 1	3502	SJRWMD OG	443,388	110,847	-	-	-	-	554,235
46	Reclaimed Water Project - Phase 2 & 3	3502	SRF OG	-	2,777,612	-	-	-	-	2,777,612
46	Reclaimed Water Project - Phase 2 & 3	3502	SJRWMD OG	-	596,400	-	-	-	-	596,400
Total Reclaimed/Reuse				\$ 2,515,848	\$ 4,002,974	\$ -	\$ -	\$ -	\$ -	\$ 6,518,822
Solid Waste										
48	Garbage Trucks/Equip Vehicles	3401	CAPITAL LEASE OG	340,000	-	340,000	-	-	-	680,000
168	Ruby Street Garbage Enclosure	3401	SOLID WASTE OG	14,000	-	-	-	-	-	14,000
Total Sanitation				\$ 354,000	\$ -	\$ 340,000	\$ -	\$ -	\$ -	\$ 694,000
Stormwater										
149	Street Sweeper	3801	CAPITAL LEASE OG	250,000	-	-	-	-	-	250,000
205	Vac Truck Nozzles	3801	STORMWATER OG	-	8,000	-	-	-	-	8,000
206	Vac Truck Tubes	3801	STORMWATER OG	-	4,000	-	-	-	-	4,000
150	Boom Mower	3801	STORMWATER F	-	-	150,000	-	-	-	150,000
151	Dump Truck	3801	STORMWATER F	-	-	45,000	-	-	-	45,000
207	Todd Way Cul-de-Sac at Imperial Terr	3801	STORMWATER F	-	15,000	-	-	-	-	15,000
152	Fox Run North Drainage	3801	GRANTS F	-	-	220,000	-	-	-	220,000
74	Lake Francis Stormwater Upgrades	3801	GRANTS F	-	-	25,000	200,000	2,000,000	-	2,225,000
49	Downtown Drainage Projects - Phase 1	3801	GRANTS F	-	1,100,000	-	-	-	-	1,100,000
49	Downtown Drainage Projects - Phase 1	3801	STORM DEBT F	-	2,603,000	-	-	-	-	2,603,000
51	Fox Run Drainage	3801	STORMWATER OG	64,939	-	-	-	-	-	64,939
Total Stormwater				\$ 314,939	\$ 3,730,000	\$ 440,000	\$ 200,000	\$ 2,000,000	\$ -	\$ 6,684,939

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

Table 3
Capital Improvement Program
2010/11 - 2015/16
Summary of Recommended Capital Projects by Function

No.	Program	Dept	Funding	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total
General Government										
127	Employee Clinic - HR	1701	GEN OG	-	-	-	246,000	-	-	246,000
128	Digital Imaging System - City Clerk	1601	GEN OG	-	-	30,000	-	-	-	30,000
129	Microfilm Equip for Records Room	1601	GEN OG	-	-	5,000	-	-	-	5,000
130	Dehumidifier for Records Storage Room	1601	GEN OG	-	-	5,000	-	-	-	5,000
169	Agenda Management Software	1601	GEN OG	-	-	1,000	-	-	-	1,000
170	Upgrade DCR2 Council Chambers Recording	1601	GEN OG	-	-	4,000	-	-	-	4,000
171	UB Line Printer Replacement	1301	GEN OG	-	-	6,600	-	-	-	6,600
172	Mobile Lite Filing Solution	1301	GEN OG	-	-	8,000	-	-	-	8,000
173	Meter Reading Mobile Computer	1301	GEN OG	-	-	1,500	-	-	-	1,500
174	Meter Reading System Upgrade	1301	GEN OG	-	-	9,950	-	-	-	9,950
175	Carpet for Finance Department	1301	GEN OG	-	-	6,000	-	-	-	6,000
176	Rate Software	1301	GEN OG	-	-	1,500	-	-	-	1,500
177	High Volume Shredder	1301	GEN OG	1,000	-	-	-	-	-	1,000
178	Computer replacement for Finance	1302	GEN OG	-	3,500	-	-	-	-	3,500
201	Replace servers for City networks	1302	GEN OG	-	12,000	-	-	-	-	12,000
202	Scanners for Data Imaging	1601	GEN OG	-	3,200	-	-	-	-	3,200
179	Smart Weight Balancer with Tire Lift	1901	GEN OG	7,760	-	-	-	-	-	7,760
180	Vehicle Replacement #111 Truck	1901	GEN OG	-	-	42,174	-	-	-	42,174
181	Computer Replacement for Fleet	1901	GEN OG	-	-	1,192	-	-	-	1,192
182	Vehicle Scanning Software for diagnostics	1901	GEN OG	-	-	2,500	-	-	-	2,500
133	Replacement Computers for Police Vehicles	2101	GEN OG	-	14,400	-	-	-	-	14,400
131	VOIP Phone System	1202	CAPITAL LEASE OG	55,000	-	-	-	-	-	55,000
132	Police Vehicles	2101	SALES TAX OG	-	79,394	50,000	-	-	-	129,394
203	Police Central UPS Batteries	2101	GEN OG	-	1,500	-	-	-	-	1,500
133	Video Cam for Police Dept	2101	GEN OG	-	-	5,000	-	-	-	5,000
204	Bunker Gear	2201	GEN OG	-	9,411	-	-	-	-	9,411
134	Fire Truck	2201	GEN OG	-	-	300,000	-	-	-	300,000
135	Carpet for the Library	7101	GEN OG	-	10,000	-	-	-	-	10,000
Total General Government				\$ 63,760	\$ 133,405	\$ 479,416	\$ 246,000	\$ -	\$ -	\$ 922,581
Total Requested Projects				\$ 8,902,668	\$ 34,550,327	\$ 39,336,568	\$ 49,391,726	\$ 26,514,112	\$ 746,666	\$ 159,442,067

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**



CITY OF TAVARES CAPITAL IMPROVEMENT SUMMARY DRAFT

FUNDING PLAN

INTRODUCTION

In order for a Capital Improvement Program to be an effective management planning tool, the program must include not only for compilation of major capital needs and their costs, but also a financing plan for the entire life of the program. This financing plan must include an analysis of the available resources which will be used to fund not only the Capital Improvement Program itself but also the required operating expenses and debt service requirements of the City.

In order to ensure that the financing plan is complete, the plan formulation process should include:

1. A projection of revenues and resources which will be available to fund operating and capital expenditures during
2. A projection of future years' operating expenditure levels which will be required to provide ongoing services to City residents.
3. Once the Capital Improvement Program projects have been evaluated, a determination is made of the projects to be funded and the timing of the cash outflow for each project. The information is then tabulated to determine the amounts required to fund the Capital Improvement Program for each year.
4. From the information obtained in 1 through 3 above, the additional resources required to fund the CIP will be determined and a decision will be made on whether the program is to be financed by the issuance of debt, on a pay-as-you-go basis or some combination of the two.

The financing plan is prepared in such a manner will be as accurate as possible and should be an informative document to all City residents. However due to the uncertainty involved in projecting cost increases, the community's desire for service increases and the inflow of resources over a five year period, the financing plan presented should be viewed as a theoretical framework to be adjusted each year based on the most recent information available at that time. This will be accomplished by updating the financing plan each year, adopting operating and capital budgets, and ordinances to implement fee structures which will be required to fund the program each year.

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

FUNDING PLAN CONTINUED

DEBT VS PAY-AS-YOU-GO FINANCING

Debt financing through the issuance of long term bonds is most appropriate when:

1. There are a small number of relatively large dollar value projects.
2. The large projects cannot be broken into segments and the cost distributed over a larger time frame without impairing the usefulness of the project.
3. The projects are non-recurring (not capital equipment or routine replacements)
4. Assets acquired have a relatively long useful life which equals or exceeds the life of the debt.

Through long term bond financing, the costs of a project having a long useful life can be shared by future residents who will benefit from the projects or improvements. In contrast, pay-as-you-go financing is most appropriate for capital Improvement Program which includes:

1. A large number of projects having a relatively small dollar value.
2. Projects which can be broken into phases with a portion completed each year without impairing the overall effectiveness of the project.
3. Projects which are of a recurring nature.
4. Projects where the assets acquired will have relatively short useful lives.

The primary advantage of pay-as-you-go financing is that the interest costs and costs of bringing a bond issue to market can be avoided. However, if inappropriately used, this financing plan may cause tax rates and fee structures to increase suddenly and may result in current residents paying a greater portion of projects which benefit future residents.

In summary, the choice of the appropriate financing plan will be contingent upon an analysis of the projects to be included in a Capital Improvement Program.

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

FUNDING PLAN CONTINUED

REQUIRED SEPARATION OF FUNDING SOURCES

In order to comply with accepted governmental accounting practices and to ensure compliance with City Codes and any related debt covenants, the analysis and financing plans of the document are presented within their respective funds. Projects funded on a pay-as-you-go basis will directly relate to the Capital Fund Budget from where the source of funding is derived. Each of these budgets will appear in the Annual Operating and Capital Budget, which is adopted each year. Those funds are currently represented as follows:

1. General Fund
2. Public Safety Special Revenue Funds
3. Community Redevelopment - TIF Fund
4. Park Impacts Fund
5. Infrastructure Surtax Fund
6. General Government Construction Fund
7. W/WW Impact Fund
9. Solid Fund
10. Stormwater Utility Fund
11. Tavares Seaplane Base Fund
12. Tavares Pavilion Fund

In accordance with accounting, legal and internal revenue requirements, all projects to be completed with the proceeds received from the issuance of debt will be accounted for in the Capital Construction Fund, Water/Wastewater Utility Fund, or the Stormwater Utility

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

FUNDING PLAN CONTINUED

SUMMARY OF FINANCING PLAN MODEL

Detailed funding plans for individual funds of the City are included as part of this document in the following sections. The following represents an overview of the major points of the recommended funding plan:

- | | | |
|----|---|--------------|
| 1. | Utilize " pay-as-you-go " from annual appropriations from the General Fund to fund recurring capital expenditures such as equipment, vehicles and technology where needs may be addressed in appropriate segments | \$ 1,415,314 |
| 2. | Utilize " pay-as-you-go " from annual appropriations from Infrastructure Sales Tax to fund recurring capital expenditures such as equipment, vehicles and other infrastructure where needs may be addressed in appropriate segments | 2,843,277 |
| 3. | Utilize " pay-as-you-go " from annual appropriations from Water/Wastewater Utility Fund to fund recurring capital expenditures such as equipment, vehicles and technology where needs may be addressed in appropriate segments | 2,433,333 |
| 4. | Utilize " pay-as-you-go " from annual appropriations from Park Impacts to fund small projects that may be accomplished with relative ease and with limited cost. | - |
| 5. | Utilize " pay-as-you-go " from annual appropriations from Public Safety Impacts to fund small projects that may be accomplished with relative ease and with limited cost. | 120,000 |
| 6. | Utilize " pay-as-you-go " from annual appropriations from Solid Waste Utility Fund to fund vehicles. To be appropriated from the identified fiscal year revenues. | 14,000 |
| 7. | Utilize " pay-as-you-go " from annual appropriations from Seaplane Base Fund to fund equipment. To be appropriated from the identified fiscal year revenues. | 10,000 |
| 8. | Utilize " pay-as-you-go " from annual appropriations from Water/Wastewater Renewal and Replacement Fund to fund major system replacements. To be appropriated from the identified fiscal year revenues. | 205,400 |
| 9. | Utilize " pay-as-you-go " from annual appropriations from Stormwater Utility Fund to fund vehicles. Timing of outflows to revenue inflows is needed in order to maintain adequate cash flows. | 286,939 |

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

FUNDING PLAN CONTINUED

10.	Apply for various Federal, State, and Local Grants to fund projects where grant opportunities exist. Grant availability will need to be reviewed annually and the Capital Improvement Plan Document updated appropriately.	<i>GEN GOV</i> 57,591,448 <i>WWW</i> 1,150,635 <i>ECON DEV</i> <u>28,291,000</u>	87,033,083
11.	Utilize "pay-as-you-go" and apply to the Lake County Board of County Commissioners for Library Impact Funding to fund the cost of the Library Expansion Project. Availability of funding from the County may adjust the timing for the Library Capital Expansion Plan.		1,000,000
12.	Secure Debt Financing to fund General Government Public Safety Complex. This project is assumed for implementation in fiscal year 2013 when debt service maturities and the implementation of a fire assessment fee will provide the least impact to the General Fund Operating budget.		13,591,086
13.	Secure Debt Financing to fund Water, Wastewater, and Water Reclamation projects with the Water Plant Upgrades and the Reclamation project financed with SRF Funding opportunities with DEP. (Additional amount to be incurred after 2013)		18,670,407
14.	Secure Capital Lease Financing to fund Capital Equipment for Solid Waste & Stormwater Funds		985,000
15.	Secure Debt Financing to fund Downtown Stormwater Improvements in the CRA.		2,603,000
15.	Water/Wastewater Impact Projects are identified as " pay-as-you-go ". These projects will need to be coordinated with projects to be funded with SRF Loans. Affordability for these projects will be determined on an annual basis. W/WW Impact Fee Projects are not included on the Fund Statement for W/WW Operations as these items will need to be reviewed further for affordability. Grant funding options may need to be explored.		13,855,120
16	Utilize " Lake County Transportation Impact Fees " to fund the Alfred Street realignment and reconstruction project.		10,303,227
17	Various Projects are identified for Community Redevelopment Implementation initiatives on the Project Listings. These projects will utilize various funding options " MIXED " that will be determined.		4,072,881

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

FUNDING PLAN

1. No increase in the ad valorem rate is assumed with this Capital Plan, but much emphasis is assumed for obtaining grant funding opportunities for many of the projects shown.
2. If operating expenditures increase at a higher rate than anticipated, unanticipated events reduce key revenue sources, or if an unforeseen emergency expenditures occur during the five year period, timing planning, and assumptions for capital projects may change.
3. If events occur that revise the projections and assumptions, the financing plan will need to be updated and amended accordingly.

This financing plan is intended to serve as a guide in determining funding options for achieving identified projects. All projects and related funding options will be reviewed annually for continued priority and budgetary constraints. All projects require approval of the City Council.

Where this plan is aggressive in its grant funding program, all projects absent grant funding may result in two options 1) defer the project, or 2) seek debt service

Large scale projects for General Fund are shown in the General Fund project schedule detail as well as the Construction Fund.

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

Table 3
Capital Improvement Program
2010/12- 2015/17

FISCAL YEAR 2013 CIP SCHEDULE - DESCRIPTIONS

No.	Program	Dept	Total	PROGRAM DESCRIPTION
<u>Beautification</u>				
2	Streetscape Design Manual (2e)	2e 5901	150,000	Manual for design criteria for streetscape improvements that will complement and expand the desired pedestrian environment with appropriate design features.
2	Streetscape Improv on-going(3d)	3d 5901	1,000,000	Capital Improvements to the downtown and CRA districts related to street beautifications
3	Gateways (ongoing) (3h)	3h 5901	397,881	Signage to mark the arrival or departure from the City's primary entrances
Total Beautification			1,547,881	
<u>Economic Development</u>				
9	Tavares Square Const Docs(2c)	2c 5901	500,000	Tavares Square is proposed to be an urban plaza with pedestrian amenities connecting to the waterfront - Rockingham between Ruby St. & Main St.
9	Tavares Square Const (3f)	3f 5901	1,500,000	Tavares Square is proposed to be an urban plaza with pedestrian amenities connecting to the waterfront - Rockingham between Ruby St. & Main St.
58	East Mainstreet Traffic Circle	5901	1,200,000	Roundabout concept at Main Street & Sinclair Avenue to enhance traffic flow and encourage pedestrian traffic
53	Freight Village-conseptual design	5901	6,045,000	Conceptual Design for Freight Village & Construction of the Freight Village
55	Parking Garage - 2nd Dwntwn (2d)	2d 5901	30,825,000	Multi-level parking garage on east end of Main Street to service train depot, Wooton Park Seaplane Base, and downtown businesses
56	RailRoad Station	5901	450,000	Station for commuter rail service
57	Bury Downtown Elec Lines	5901	750,000	Move electrical lines in the downtown core from overhead locations attached to poles to buried lines underground - SECO & Progress Energy.
76	Dora Canal RR Bridge	4101	1,300,000	Improvements to the Railroad Bridge across the Doral Canal in order to support commuter rail and freight rail traffic in Tavares.
143	Commuter Rail Study	5901	1,700,000	Study for needed improvements to implement commuter rail in Lake County Improvements to the Railroad Bridge across the Doral Canal in order to support commuter rail and freight rail traffic in Tavares. Eustis to Tavares to Plymouth to Dwntwn Orlando: Freight Industrial PK \$13M Project AARA = \$7,500,000 (secured by RR), \$3M we need - \$1M from Lake Co. \$1M from Orange Co. Lake \$1M - \$400k City of Tavares share for RR Upgrades.
54	Rail Road Continuous Welded Track	5901	18,400,000	
231	Wooton Park Expansion	5901	3,500,036	Land Purchase to increase park capacity for Wooton Park Seaplane Base & Marina. Accomplished through voter referendum
Total Economic Development			66,170,036	
<u>Public Buildings & Facilities</u>				
5	Pub Safety Facility	2201/2101	7,971,250	Public Safety complex to house police and fire including police and fire fleet vehicles.
143	Lighted Sign Board	2101	10,000	Lighted Sign Board to display Traffic Information
59	Public Works Facility	4101	2,030,000	Public Works complex to house General Services, Fleet and Sanitation departments including associated vehicle fleets.
6	Library Facility Expansion	7101	1,000,000	Expansion of the Tavares Library either on vacant land adjacent to the library or within the current Civic Center.
7	City Hall Roof Replacement	4101	87,418	Replacement of the roof for city hall - metal roof which includes gutters and soffits, etc.
228	Marina Equipment	4304	1,500	Various Equipment for Marina Operations

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

No.	Program	Dept	Total	PROGRAM DESCRIPTION
229	Operations Radio	4304	3,500	Radio's for Maraina & Seaplane Base Operations for Communication needs
230	Power Boxes - 2	4304	5,000	Power boxes to address electric capacity needs.
Total Public Buildings & Facilities			11,108,668	

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**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

No.	Program	Dept	Total	PROGRAM DESCRIPTION
<u>Parks & Recreation</u>				
61	Aesop Pk - Security Cameras	7201	6,000	Cameras to insure park guests safety at the park
60	Aesop Park - Land Acquisition	7201	594,000	Additional land to expand Aesop Park
12	Replace Dugouts at Stover	7201	100,000	Replace aging dugouts at Stover Ball Fields
62	Replace Fencing at Stover Park-Const	7201	200,000	Replace Fencing at Stover Ballfields
13	Floating Docks at TRP	7201	78,790	Replace Floating Docks at Tavares Recreational Park on 441 to address water level flucuations
63	St. Clair Abram House Acquisition	7201	535,000	Acquire historical home
136	Bleachers for the Woodlea Ballfields	7201	30,000	Additional and new bleachers for Woodlea Ballfields
137	Flagpole & Lights at Cemetery	7201	3,000	Install lighted flagpole at cemetery
138	Resurface Basketball Courts	7201	35,680	Renovate basketball courts at Ingraham Park - citizen requests
139	Outdoor Movie Screen/System	7201	16,000	Outdoor portable movie screen for enhanced recreational activities in the park
140	RecPro Software	7201	15,000	Software for program scheduling and ballfield rental scheduling
141	Inflatable Acoustic Band Shell	7201	12,000	Portable Band Shell for use with band engagements in the park
142	F-250 4x2 Trucks (2)	7201	43,000	Vehicles for Park Maintenance needs
146	Windscreens for Tennis Courts	7201	2,000	Install windscreens at tennis courts to minimize wind impacts for guests tennis games
147	Golf Cart	7201	1,500	Golf Cart for Parks Staff use during events and downtown needs - save on fuel
144	PA Sound System	7201	2,500	Sound System for Park Programs to address larger crowds
148	Resurface Tennis Courts at Aesop's Park	7201	8,000	Resurface tennis courts
145	Seaplane Base/Wooton Park Pavilion	7201	3,300,000	Design and Construct the Tavares Pavilion on the lake - conference & wedding facility
15	Woodlea Sports Complex	7201	301,818	Expand Woodlea Sports Complex - add additional ballfields
16	Woodlea Sports Complex	7201	12,369,883	Expand Woodlea Sports Complex - add additional ballfields
Total Parks & Recreation			17,654,171	
<u>Transportation</u>				
				Repair/replace sidewalks as needed throughout the City to create safe conditions for our residents.
17	Sidewalks	4101	166,334	
77	Street Sign Replacement	4101	40,000	Maintain, update, replace, and/or repair street signs as needed throughout the City
200	Todd Way Cul-de-Sac	4101	19,440	Improvements to Cul-de-sac at Imperial Terrace to address size and stormwater
19	Alleyway Improvements	4103	53,095	Install brick pavers on the existing dirt alleyways in the CRA District.
19	Alleyway Improvements (3g)	3i 4103	600,000	Alfred Street improvements including paving, sidewalks, bike paths, medians, traffic flow enhancement with one- way pairs with Caroline Street
21	Ruby Street Doc & Perm (2b) Prelim Desig	2i 5901	10,000	Ruby Street Improvements - Preliminary design
22	Alfred Street (2f) - Design	2i 5901	303,227	Alfred Street improvements including paving, sidewalks, bike paths, medians, traffic flow enhancement with one- way pairs with Caroline Street
22	Alfred Street (2f) - Streetscape Design	2i 5901	152,800	Alfred Street improvements including paving, sidewalks, bike paths, medians, traffic flow enhancement with one- way pairs with Caroline Street
8	Alfred Street Construction	2i 5901	10,000,000	Alfred Street improvements including paving, sidewalks, bike paths, medians, traffic flow enhancement with one- way pairs with Caroline Street
21	Ruby Street (3e)	3i 5901	750,000	Ruby Street Improvements - Design
65	Road Paving Improvements	4103	2,250,000	Repaving improvements to streets through out the city
Total Transportation			14,344,896	
<u>Water Facilities & Improvements</u>				

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

No.	Program	Dept	Total	PROGRAM DESCRIPTION
67	Consumptive Use Permit	3301	325,000	Engineering services needed for CUP Permit with SJRWMD - to allow maximum water consumption use by the City Water Utility
26	Distrib Relocations & Upgrades - ??	3301	1,300,000	Upgrades and relocations of Water Distribution lines as needed
27	Distribution Expansion - ??	3301	4,720,000	Expansion of Water Distribution Lines as needed
28	Alfred Street Upgrades & CRA Upgrades	3301	6,651,110	Upgrade and improve water lines in the downtown CRA
29	Alternative Potable Water Supply	3301	350,000	Water Reclamation Project for processing of Wastewater - irrigation uses
29	Alternative Potable Water Supply	3301	4,000,000	Water Reclamation Project for processing of Wastewater - irrigation uses
153	Pole Barn - internal office enclosure central a/c	3301/3302	10,000	Pole Barn for equipment protection
154	Dell ATG & Docking Station - Grid Map/Line Loc	3302	5,323	Computer with docking station for GIS needs
155	Plant #1 High Service Pump #3	3301	37,173	Plant Equipment
156	Plant #4 12" Mag-Effluent Meter	3301	4,755	Plant Equipment
157	Plant #1 - High Service Pump and Motor	3301	11,000	Plant Equipment
158	Plant #4 - High Service Pump and Motor	3301	8,000	Plant Equipment
208	Compuer Treatment Inventory Software (H.T.I	3301	5,550	Computer for Inventory Control Needs
209	Pole Barn for Storage - shared with distribution	3301	2,500	Pole Barn for equipment protection
210	Plant #4 - High Service Pump and Motor	3301	2,000	Plant Equipment
211	Plant #4 - Air Conditioner Replacement	3301	12,000	Plant Equipment
212	Plant #4 - Roof Replacement	3301	15,000	Plant Equipment
159	Pipe Locators	3302	12,100	Equipment used to locate underground water pipes
160	Fire Hydrant Replacement Program	3302	5,100	Fire Hydrants for Installations throughout the City
161	Valve Replacement Program	3302	4,000	Distribution Line Equipment/Parts
162	6",8", & 10" Insertion Valves	3302	20,000	Distribution Line Equipment/Parts
163	Fire Hydrants - Business & Property Protection	3302	8,800	Fire Hydrants for Installations throughout the City
164	Valve Installation Program	3302	4,500	Distribution Line Equipment/Parts
165	Design - Proposed Water Line Ext - SR 19	3302	13,350	Engineering for Design of Water Line
166	Design - Proposed Water Line Ext - Alfred St.	3302	13,350	Engineering for Design of Water Line
167	Design - Proposed Water Line Ext - Nightingale	3302	13,350	Engineering for Design of Water Line
213	Wacker Packer Replacement	3302	1,900	Distribution Equipment/Parts
214	5" & 8" Insertion Valves	3302	13,000	Distribution Equipment/Parts
215	Compuer Treatment Inventory Software (H.T.I	3302	550	Computer Software for Inventory Control Needs
216	Envista Computer Software - GIS	3302	5,000	Software for GIS Needs
87	TOKAY Line to H.T.E. (possible roll over)	3302	2,500	Software for Backflow device management
Total Water Facilities & Improvements			17,576,911	
Wastewater Facilities & Improvements				
69	Lake Francis Infra Upgrades- Ph 1 of 3	3504	150,000	
70	Lift Station Fencing	3504	31,250	Lift Station Maintenance/Improvements
71	Odor Control for Lift Stations	3504	48,000	Lift Station Maintenance/Improvements
123	Additional Digester for Plant	3501	100,000	Plant Equipment/Part Replacements
184	Digester Blower	3501	45,000	Plant Equipment/Part Replacements
185	Replace Motors, Pumps - Woodlea & Caroline	3501	36,000	Plant Equipment/Part Replacements
186	Ethernet Switches for SCADA	3501	3,000	Lift Station Maintenance/Improvements
218	BFP Conveyor Belt - Replace Belt Press	3501	20,000	Plant Equipment/Part Replacements
219	Replace Cerlic Prog/Sensor	3502	14,000	Plant Equipment/Part Replacements

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

No.	Program	Dept	Total	PROGRAM DESCRIPTION
187	Oil & Grease Analyzer for FOG Program	3503	8,500	Lab Equipment for Testing
219	4700FR, Composite Sampler for Coll Influent	3503	6,050	Lab Equipment for Testing
220	In-Line TSS Analyzer for WWTP Re-Use Backu	3503	6,082	Plant Equipment/Part Replacements
221	SC200 Controller & PH Sensor for WWTP	3503	3,300	Plant Equipment/Part Replacements
222	Tri-Lab 8700 PH/EP/IP Autotitrator with Burette	3503	13,000	Lab Equipment for Testing
223	Replace 1996 F150 Vehicle #808	3501	25,000	Replace Vehicle for Wastewater Maintenance
224	Replace Boom Truck-Vehicle #812	3504	74,500	Replace Vehicle for Wastewater Maintenance
188	Lift Station Panels - CRA LS 1, 3, 18	3504	45,000	Lift Station Maintenance/Improvements
189	Spare Pumps for Lift Stations	3504	55,000	Lift Station Maintenance/Improvements
216	Envista Computer Software - GIS	3501	5,000	Computer Software for GIS Mapping
218	Vac Truck Nozzles & Hoses	3504	6,000	Vac Truck Hoses for the Sewer Vac Truck
217	Lift Station Towers for LS Communication	3504	9,250	Lift Station Maintenance/Improvements
190	Electrical Control Panels for Lift Stations - 2	3504	12,000	Lift Station Maintenance/Improvements
191	Monitoring Wells #8, #10 & #11 Casing	3503	1,600	Regulatory Monitoring Requirement – Lab – Securing the wells infrastructure
192	SCADA Panels for Lift Stations - 6	3504	90,000	Lift Station Maintenance/Improvements
192	SCADA Panel Installation	3504	15,000	Lift Station Maintenance/Improvements
28	Alfred Street Upgrades & CRA Upgrades	3504	6,651,110	Wastewater Collection Line Improvements/Replacements in the downtown CRA
225	Upgrade Homer Force Main - Add Capacity	3501	750,000	Water Main Replacement/Improvement
226	12" Water Main - Main St. & Disston Ave	3501	10,400	Water Main Replacement/Improvement
227	Digester Blower Replacement	3501	45,000	Plant Equipment/Part Replacements
45	Wastewater Collection & Trans	3501	2,763,920	Collection Lines for Wastewater Needs
45	Woodlea WWTF Expansion	3501	5,171,200	Future Expansion - Wastewater Treatment Needs
Total Wastewater Facilities & Improvements			16,219,162	(2,368,130)
Reuse/Reclaim Water				
46	Reclaimed Water Infrastructure	3502	6,518,822	Design and construction of reclaim collection, storage facility and distribution lines
Total Reclaimed/Reuse			6,518,822	
Solid Waste				
48	Garbage Trucks/Equip Vehicles	3401	680,000	Automated Trash/Garbage collection vehicles with side arm
168	Ruby Street Garbage Enclosure	3401	14,000	Garbage enclosure for Ruby Street merchants to meet capacity and safety needs
Total Sanitation			694,000	
Stormwater				
149	Street Sweeper	3801	250,000	Heavy Equipment Vehicle for use in cleaning City Streets - keeps storm drains free of debris
205	Vac Truck Nozzles	3801	8,000	Nozzles for use with Street Sweeper & Vac Truck
206	Vac Truck Tubes	3801	4,000	Tubes for use with Vac Truck & Street Sweeper
150	Boom Mower	3801	150,000	Mower to mow various right of ways used to manage stormwater
151	Dump Truck	3801	45,000	Heavy Equipment Vehicle used to haul debris, dirt, etc.
207	Todd Way Cul-de-Sac at Imperial Terr	3801	15,000	Improvement to Cul-de-Sac to address stormwater issues and to improve to standard size
152	Fox Run North Drainage	3801	220,000	Stormdrainage improvements to Fox Run Subdivision - address flooding issues
74	Lake Francis Stormwater Upgrades	3801	2,225,000	Upgrade and enhance stormwater infrastructure at the Lake Francis Subdivision

**CITY OF TAVARES
CAPITAL IMPROVEMENT SUMMARY DRAFT**

No.	Program	Dept	Total	PROGRAM DESCRIPTION
49	Downtown Drainage Projects - Phase 1	3801	1,100,000	Improvements to downtown stormwater collection and treatment to enhance business development
49	Downtown Drainage Projects - Phase 1	3801	2,603,000	Improvements to downtown stormwater collection and treatment to enhance business development
51	Fox Run Drainage	3801	64,939	Stormdrainage improvements to Fox Run Subdivision - address flooding issues
Total Stormwater			6,684,939	
General Government				
127	Employee Clinic - HR	1701	246,000	Health Clinic for City Employees - could reduce health costs
128	Digital Imaging System - City Clerk	1601	30,000	System for electronic digitizing of all City Records - reduce paper records
129	Microfilm Equip for Records Room	1601	5,000	Microfilm recent records that have not been microfilmed for safe keeping
130	Dehumidifier for Records Storage Room	1601	5,000	dehumidifer for records room to reduce mold accumulations in City records
169	Agenda Management Software	1601	1,000	Software to provide electronic agendas for ease in changes and new agenda items, etc.
170	Upgrade DCR2 Council Chambers Recording	1601	4,000	Improve recording system in Council Chambers for records retention
171	UB Line Printer Replacement	1301	6,600	Replace Utility Billing Line Printer used for large report print jobs - billing records
172	Mobile Lite Filing Solution	1301	8,000	Updated filing system in finance to all for ease in filing and file retrieval - old system sticks & drawers to not close properly
173	Meter Reading Mobile Computer	1301	1,500	Comptuer to aid in real-time meter reading
174	Meter Reading System Upgrade	1301	9,950	Upgrade Meter Reading Software for easy network access and reporting
175	Carpet for Finance Department	1301	6,000	Replace wrinkled carpet in the Finance Department
176	Rate Software	1301	1,500	Software to allow for rate modeling and if - then scenarios
177	High Volume Shredder	1301	1,000	Shredder for Finance Department - shred papers with personal data
178	Computer replacement for Finance	1302	3,500	Replace Finance Computer that is not functioning at optimum level
201	Replace servers for City networks	1302	12,000	Replace Network Servers to address capacity needs to ensure network functions
202	Scanners for Data Imaging	1601	3,200	Scanners for City Clerk to scan City records
179	Smart Weight Balancer with Tire Lift	1901	7,760	Balancer for Fleet Division for use in tire changes
180	Vehicle Replacement #111 Truck	1901	42,174	Replace Truck in City Fleet
181	Computer Replacement for Fleet	1901	1,192	Replace Computer in Fleet Division to address platform needed fpr software
182	Vehicle Scanning Software for diagnostics	1901	2,500	Software to perform vehicle diagnostic testing to determine maintenance needs
133	Replacement Computers for Police Vehicles	2101	14,400	Replace Computers in Police Vehicles for optimum performance
131	VOIP Phone System	1202	55,000	Replace phone system
132	Police Vehicles	2101	129,394	Replace two Police Vehicles with SUV models
203	Police Central UPS Batteries	2101	1,500	Central UPS Batteries for Police Communication Network
133	Video Cam for Police Dept	2101	5,000	Video Camera for Police Department to address Security & Safety Needs
204	Bunker Gear	2201	9,411	Firefighter safety equipment replacements - helmets, jackets, pants, airpacks, etc.
134	Fire Truck	2201	300,000	Firetruck for firefighting needs
135	Carpet for the Library	7101	10,000	Replace wrinkled and worn out carpet at the Library
Total General Government			922,581	
Total Requested Projects		ALL	159,442,067	