

TRANSPORTATION PROJECTS <i>(Projects highlighted in blue are partially or fully funded with grants)</i>			To Expend	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-10 Year CIP	Future CIP
DESCRIPTION / PHASE	PROJECT NUMBER		FY 16	FY 17	FY 18	FY 19	FY 20	FY21	FY22 - 26	
BRIDGE REHABILITATION (All Bridges are annually inspected by FDOT)										
<i>Bridge rating explanation: All components and materials of those components are inspected and rated separately. These components are given a numerical rating, generally 1 -4. Other factors are taken into</i>										
Bridge #734063 - Colechester @ College Waterway (FDOT rating D)	Construction	54602	100,000							
Bridge #734064 - Colorado @ College Waterway (FDOT rating D)	Design Construction		150,000	1,400,000						
General Bridge Rehabilitation	Construction						250,000			
Bridge Rehab - 735503, Secretary @ Seminole Waterway (FDOT rating C)	Design Construction							100,000	150,000	
Bridge Rehab - 734066, Wellington @ Wynfield Waterway (FDOT rating C)	Design Construction								25,000 1,200,000	
Bridge #734067, Palm Harbor @ Mulberry Creek (FDOT rating C)	Design Construction								50,000	250,000
Bridge #735502, Matanzas, Belleaire Waterway (FDOT rating B)	Design Construction									50,000 600,000
Bridge #734068, Palm Coast Parkway, St. Joe Canal (FDOT rating B)	Design Construction									100,000 600,000
Bridge #734073, Old Kings, Lehigh Canal (FDOT rating A)	Design Construction									
Bridge #734065, Westhampton, Wynnfield Waterway (FDOT rating A)	Design Construction									
Bridge #735505, Royal Palms, Belleaire Waterway (FDOT rating A)	Design Construction									
Bridge #734079, Colbert Lane, St. Joe Canal (FDOT rating A)	Design Construction									
Bridge #734060 - Clubhouse Dr, Country Club Cove (FDOT rating A)	Design Construction									
Bridge #734061 - Palm Harbor, Clubhouse Waterway (FDOT rating A)	Design Construction									
Bridge #734062 - Palm Harbor @ College Waterway (FDOT rating ? - Pending; rehab completed in 2014)	Design Construction									

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CAPACITY IMPROVEMENTS										
Palm Coast Pkwy. 6-laning	Design ROW Construction CEI	54501 54501	30,000 1,400,000 148,216							
FDOT Grant (Construction & CEI)		\$10,328,320								
Old Kings Rd. Extension	PD&E Design Phase 2 ROW FPL	54502 54502 54502	40,000			4,500,000				
FDOT Grant (ROW)		\$5,100,000								
OKR Widening (Palm Coast Pkwy to Forest Grove Dr.)	PD&E Design ROW FPL Construction/CE	54507 54507	700,000 1,130,000						250,000 27,000,000	
FDOT Grant (Design & ROW)		\$2,060,000								
Palm Harbor Extension	Design & CEI Wetland Mit. Construction FPL	54505	100,000 2,800,000 100,000	15,000	25,000					
Belle Terre - PCP to Pine Lakes 6-laning							150,000	500,000		
Matanzas Woods Pkwy 4-laning - Phase 2 (US-1 to Southbound ramps)	Design Wetland Mit. ROW Construction/CE				1,903,000				28,000 183,000 13,918,000	
FDOT Grant (Design)		\$1,903,000								
Matanzas Woods Pkwy 4-laning - Phase 3 (Southbound Ramps to Old Kings Rd.)	Design Wetland Mit.								1,207,000 176,000	
SR100 6-laning (I-95 to Belle Terre Pkwy)	Planning PD&E								20,000 795,480	
Wetland Mitigation Land	Design & Permit Construction		55,000 200,000	475,000	200,000					
Old Kings Rd. Widening (Town Center to Palm Coast Pkwy)	Design & CEI FPL Wetland Mit. Construction									

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ENHANCEMENT PROJECTS										
Sidewalks and Bikepaths		51005	1,375,000	1,070,000	160,000	160,000	160,000	160,000	2,890,000	
General										
Seminole Woods Multi-Use Path										
Seminole Woods - Sesame to US1	Construction		600,000							
Sesame - Selma Tr (south) to Citation/Seminole	Construction		400,000							
Sesame - Seminole Woods to Selma Tr. (south)	Construction		50,000	350,000						
SR-100 & US-1 Entry Signs	Construction		100,000							
Palm Coast Pkwy. (EB) (Pine Lakes Pkwy to St. Joe Plaza)	Design & Construction		100,000							
Pine Lakes Pedestrian Bridge & Gravity Wall Repairs	Design & Construction		125,000							
Lakeview Blvd - Lamancha Drive to London Drive	Design-Build			400,000						
Add Bench Bump Outs to existing paths (\$3500/location est.)	Construction				60,000					
Resurface Asphalt Trails / Shell Trail Rehabilitation	Construction				100,000	160,000	160,000	160,000	160,000	
Palm Coast Pkwy EB (Missing segments) & Other Projects to be determined	Design & Construction								480,000	
US1 - Seminole Woods to Belle Terre	Design & Construction								750,000	
US1 - Royal Palms to Palm Coast Pkwy	Design & Construction								1,500,000	
Whiteview - Whitemill to US1 (may require land acquisition / easements / stormwater issues)	Design & Construction			320,000						
Oak Trails Blvd - Old Kings Road to Graham Swamp	Design & Construction									400,000

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Beautification Projects		52003	600,000	200,000	200,000	300,000	300,000	615,000	495,000	
SR100 - Old Kings Road to Roberts Rd	Construction	250,000	100,000							
SR100 & I95 Interchange Improvements	Design & Construction		260,000							
Belle Terre Median - Royal Palms to SR100	Construction		160,000							
Palm Harbor Pkwy Median - Eurpean Village	Construction		40,000							
Whiteview Median Improvements - East of Whitemill to US1	Design Construction		10,000	200,000						
Entry Sign & Median - Whiteview Pkwy at US1	Design Construction		30,000		75,000					
Seminole Woods Parkway Median Improvements - SR100 to north of Citation	Design Construction				10,000 115,000	300,000	300,000			
Fountain in FDOT pond at Palm Coast Pkwy SB exit ramp	Design & Construction							30,000		
Entry Sign (Major Gateway) - I95/Matanzas Woods Pkwy Interchange	Design Construction							60,000 440,000		
Entry Sign (Minor Gateway) - Old Kings Road at US1	Design Construction							25,000 60,000		
Entry Sign (Residential Gateway) - Belle Terre Boulevard at US1	Design Construction								25,000 60,000	
Entry Sign (Residential Gateway) - Royal Palms Pkwy at US1	Design Construction								25,000 60,000	
Entry Sign (Residential Gateway) - Matanzas Woods Pkwy at US1	Design Construction								25,000 60,000	
Entry Sign (Minor Gateway) - Belle Terre Blvd/Pkwy at SR100	Design Construction								30,000 150,000	
Entry Sign (Minor Gateway) - SR100 (East City Boundary)	Design Construction								30,000	150,000
Entry Sign (Minor Gateway) - Old Kings Road (South City Boundary)	Design Construction								30,000	75,000
Commercial/Business Sign (Corridor Gateway) (5) @ \$20,000 each	Design Construction									20,000 100,000
Neighborhood Signs (41) @ \$10,000 ea.	Design / Construction									410,000
Gateway Corridor Beautification (~9.5 miles along 7 major arterial roadways)	Construction									750,000

SAFETY PROJECTS										
Bulldog Drive Improvements		35001								
FPL Street Light Agreement, Relocation, Services	Design/CEI									250,000
Ultimate 4-laning of Bulldog - Phase 2	Construction									300,000
FPL Underground Utilities - Phase 2	Construction									2,500,000
	Contingency									400,000
School 'Bus Stop Pads				100,000	50,000	50,000				250,000

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STREET RESURFACING			54104							
24 lane miles @ \$50,000 per lane mile (Includes milling of existing and new 1-1/2" asphalt overlay as well as % asphalt cost increase per year)			1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	

TRAFFIC OPERATIONS			54409							
Intersection/Turn Lanes										
Old Kings Road (1,500lf) south of Palm Coast Parkway	Design Construction		130,000							
SR100 2nd Left Turn Lane (EB @ Belle Terre) Right Turn Lane (EB into new Dev. East of Belle Terre) Right Turn Lane @ Seminole Woods			By FDOT By Developer 100,000							
Whiteview (Pritchard Drive to US1) Intersection Analysis Left Turn Lane (WB Whiteview @ Ravenwood) Left Turn Lane (WB Whiteview @ White Mill) Right Turn Lane (EB Whiteview @ Whipporwhil) Other Projects to be determined from Study					75,000		TBD TBD TBD TBD			
Belle Terre (Palm Coast Parkway to US1) Intersection Analysis Right Turn Lane (NB Belle Terre Blvd. @ SR100) Left Turn Lane (SB Belle Terre Blvd. south of SR100) Right Turn Lanes (Belle Terre NB & SB @ Royal Palm) New Signal - Belle Terre / Market Ave / Eastwood Other Projects to be determined from Study			75,000	75,000 125,000 400,000	200,000	200,000		400,000	1,000,000	
Seminole Woods (SR100 to US1) Intersection Analysis Left Turn Lane (NB Seminole Woods Pkwy. @ SR100) Southbound left turn lane @ Pinnacles Other Projects to be determined from Study				By Developer	55,000		100,000 TBD			
Rymfire (Belle Terre to Royal Palms) Intersection Analysis Projects to be determined from Study										
Palm Harbor (Palm Coast Parkway to Old Kings) Intersection Analysis Projects to be determined from Study										
Pine Lakes (Belle Terre to Belle Terre) Intersection Analysis Projects to be determined from Study										
Right Turn Lane (EB Easthampton @ Belle Terre)										
Projects to be determined										
Guardrail replacements from accidents			25,000	25,000	25,000	25,000	25,000	25,000	125,000	

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Traffic Signals		54405								
Traffic Cabinet Replacement			45,000	45,000	55,000	55,000	60,000	60,000	300,000	
Traffic Signal Intersection Analysis (Qty. 51)					100,000		100,000			
Traffic Signal Intersection Modifications per Study						100,000		100,000	100,000	
Traffic Signal Optimization Study			60,000							
Traffic Signal Optimization Implementation			490,000	450,000						
OKR - Town Center - Temp Signal	Design/Construct		200,000							
Traffic Signal Analysis Study/Warrant/Construction (1 Signal)									450,000	
Traffic Signal Conversion - Strain Pole to Mast Arm (11)				400,000						
Belle Terre (Cypress Point Parkway)	Design/Construct									400,000
Belle Terre (Palm Coast Parkway EB)	Design/Construct									400,000
Belle Terre (Kohls/Publix)	Design/Construct									400,000
Belle Terre (Palm Coast Parkway WB)	Design/Construct									400,000
Belle Terre (Pine Likes Parkway)	Design/Construct									400,000
Belle Terre (Parkview)	Design/Construct									400,000
Belle Terre (BTMS)	Design/Construct									400,000
Palm Coast Parkway WB (Pine Cone)	Design/Construct									400,000
Palm Coast Parkway EB (Pine Cone)	Design/Construct									400,000
Palm Coast Parkway WB (Colbert)	Design/Construct									400,000
Palm Coast Parkway EB (Colbert)	Design/Construct									400,000
TOTAL EXPENDITURES			11,553,216	6,280,000	4,548,000	6,940,000	2,645,000	3,460,000	57,862,480	

RECREATION PROJECTS <i>(Projects highlighted in blue are partially or fully funded with grants)</i>			Curent Budget	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-10 Year CIP	Future CIP
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PARKS & RECREATIONAL FACILITIES										
Parks										
Longs Landing Phase 2 - Nature Center, Exhibits, Site Elements, landscaping, etc.	Design / CEI Construction Contingency	61015						100,000 1,000,000 100,000	1,680,000 170,000	
Town Center Restroom Building	Construction	61533	275,000							
ITMS Restroom & Storage Building	Construction	61532	250,000		25,000	250,000				
ITSC Field Lighting @ ITMS 3 fields	Construction			375,000						
Holland Park Improvements Phase 1 - Sitework Phase 2 - Building Renovations, New Restroom & Maintenance Facility Phase 3 - Sports Lighting (limited) Phase 4 - Playground & Splash Park	Design / CEI Construction Construction Construction Contingency	66006	50,000 3,710,000		50,000	50,000		850,000 350,000 1,600,000 500,000		
Town Center Central Park - Remaining Phases	Construction								3,000,000	
Neighborhood Parks (5-10 acres) \$250,000/acre for development [Minimum of 1 project to occur over next 10-years]									2,750,000	
Matanzas Woods Neighborhood Park	Design / Construction									
Pine Lakes Neighborhood Park (10 acres)	Land Design / Construction									
Quail Hollow Neighborhood Park (10 acres)	Land Design / Construction									
Community Centers										
Community Center Renovation/Addition	Design Construction	66005	50,000	100,000 3,700,000	100,000 2,900,000					3,050,000 2,900,000

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PARK RENOVATIONS		66008	753,000	300,000	360,000	280,000	160,000	190,000	875,000	
Frieda Zamba Pool Pump Enclosure & Filtration			150,000							
ITSC - Baseball Field Improvements (Grant) dugouts			55,000							
ITSC - Field Sod Replacement & Underdrain (4)			80,000	80,000	160,000					
Playground Shade Sail Program (BT, RC, SW, WP)			300,000							
Energy Improvements (Park Faciliites)			28,000							
Park Cameras (ITSC, BT, SW, WP, HP)					145,000					
Frieda Zamba Bldg Renovations - Minor						205,000				
ITSC/ITMS - Scoreboards (9)								125,000		
Park Equipment New/Replacement (basketball posts, tennis nets, benches, picnic tables, goals, etc.)							35,000		95,000	
Playground Equipment Replacement									50,000	
Fence / Screen Replacement (Tennis, Basketball, etc)									50,000	
Basketball & Tennis Court Resurfacing (\$10,000 per court) (Seminole 1 BB & 1 T; Ralph Carter 1 BB)									30,000	
Palm Harbor Golf Club										
Rebuilding of Bunkers (64) (9 holes per year)			125,000	125,000						
Clubhouse Improvements			15,000							
Greens Reconstruction: \$TBD										
Wash Down System				45,000						
Lightning Detection System				20,000						
Pneumatic Line Drops, Maintenance Building B					500					
Air Compressor, Tire Repair Shop					1,000					
Paint Facility Exterior, Maintenance Building A & B					20,000					
Paint Floors Building B					10,000					
Add Gutters and Downspouts, Maintenance Building					3,000					
Add Gutters and Downspouts, Maintenance Building					1,500					
Exterior Facility Chain Link Fence Repair					4,000					
Mini-Split Ductless AC in Offices						5,000				
Maintenance Building B, Restroom Upgrade & Maintenance Building Improvements						20,000				
Roof Replacement, Maintenance Building A						25,000				
Roof Replacement, Maintenance Building B							41,000			
Paving: Maintenance Area Resurfacing							19,000			
Expand Parking Area: \$TBD									25,000	
Landscaping (maintenance facility & other areas)									75,000	
Enclosure Building for Irrigation Pump Station									50,000	
Lighted Driving Range										
Other Projects to be determined				30,000	15,000	25,000	65,000	65,000	500,000	

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TRAILS & TRAIL AMENITIES											
Graham Swamp Trail Phase 2	Design Construction	61014								336,500 2,463,500	
Lehigh/Belle Terre Trailhead (FPL Easement)	Design Construction	66009			100,000					100,000 475,000	
Trailhead & Trail Signs	Material		50,000		50,000		50,000				

Contingency / Safety Improvements			75,000	75,000	75,000	75,000	75,000	75,000		375,000	
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TOTAL EXPENDITURES			5,213,000	4,550,000	3,660,000	3,955,000	285,000	1,465,000	12,225,000	
	City Hall		1,000,000	5,905,000						
	Sem Path		1,450,000	500,000						
	Total Exp.		7,663,000	10,955,000	3,660,000	3,955,000	285,000	1,465,000	12,225,000	

Recreation Impact Fee Fund	Rev.	938,080	275,281	285,834	298,892	312,581	330,000	1,732,500	
Capital Projects Fund	Rev.	12,116,936	3,999,800	2,788,660	3,343,397	2,579,029	2,360,000	12,390,000	
	Carryover	5,392,016	(1,287,903)	(1,873,409)	(2,186,120)	420,490	1,645,490	3,542,990	

Other Projects Not in 10 Year Plan										
Community Parks (20-50 acres) \$375,000/acre for development										
Palm Coast Park DRI	Design & Construction									5,000,000
Indian Trails Park (Adjacent to FS#23)	Design & Construction									3,000,000
Southern/Western Portion of City	Design & Construction (Land?)									
Community Centers										
Central Community Center (30,000 sf)	Design & Construction									8,000,000
Satellite Community Center (15,000 sf)	Design & Construction									4,250,000
Special Use Facilities										
Sports Complex (Develop @ \$375,000/acre)	Design & Construction									22,500,000
Aquatic Center	Design & Construction									11,325,000
Frieda Zamba Pool Renovation	Construction									1,500,000
Cultural Arts Center	Design & Construction									13,040,000
City Marina	Acquisition / Design / Construction									
Tennis Center Court Expansion & Clubhouse	Design & Construction									

PUBLIC SAFETY PROJECTS			Curent Budget	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-10 Year CIP	Future CIP
DESCRIPTION / PHASE	PROJECT NUMBER		FY 16	FY 17	FY 18	FY 19	FY 20	FY21	FY22 - 26	
Fire Station #22 - Replacement	Design / CEI Construction	49010	75,000							
Fire Station #26 Seminole Woods	Design / CEI Construction	49008								325,000 2,675,000
TOTAL EXPENDITURES			75,000	0	0	0	0	0	0	3,000,000

GENERAL GOVERNMENT PROJECTS			Curent Budget	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-10 Year CIP	Future CIP
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City Hall			250,000							
City Hall Generator				500,000						
City Hall - Community Spaces			50,000							
ADA Transition Plan (existing facility compliance				75,000	150,000	25,000	50,000	50,000		
Public Works Facility			150,000				TBD	TBD		
City Council Reserves			284,600							
Mosquito Control Facility Purchase			350,000							
Alternative Fuel Depot										
Land Acquisition (Open Space Preservation, Habitat Protection & Other)										
Tallekson Mitigation Enhancements										
TOTAL EXPENDITURES			1,084,600	575,000	150,000	25,000	50,000	50,000	0	0

STORMWATER PROJECTS			Curent Budget	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-10 Year CIP	Future CIP
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Water Control Structures			0	385,000	220,000	350,000	350,000	385,000	1,820,000	1,000,000
19 of 32 complete as of FY15										
BS-2	Construction			350,000						
	Contingency			35,000						
W- 1 (to be done with major crossing W-1)	Construction				200,000					
	Contingency				20,000					
L1	Construction					320,000				
	Contingency					30,000				
K-6 (to be done with major crossing K-6)	Construction						320,000			
	Contingency						30,000			
K-1	Construction							350,000		
	Contingency							35,000		
P-1	Construction								220,000	
B-1, B-2	Construction								265,000	
B-3	Construction								135,000	
M-2 (2022)	Construction								100,000	
63-I & Little Canal Spillout (2023)	Construction								200,000	
15-F (2024)	Construction								450,000	
Florida Park North (2025)	Construction								450,000	
LS-1	Construction									300,000
US-1 (FDOT)	Construction									400,000
ITT Weir (ITT)	Construction									300,000
Program complete FY 2029										
Major Crossings			500,000	0	605,000	0	310,000	0	1,295,000	10,420,000
14 of 74 complete as of FY15										
Boulder Rock	Construction		500,000							
F-2	Construction									
K-6 (to be done with water contol structure K-6)	Construction						280,000			
	Contingency						30,000			
W-1 (to be done with water contol structure W-1)	Construction				550,000					
	Contingency				55,000					
P-1 (to be done with water contol structure P-1)	Construction							605,000		
M-2 (2023)	Construction							440,000		
PA-3 (2025)	Construction							250,000		
Future	Construction									10,420,000
60 of 74 Remaining as of 2025										

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Public Works - Stormwater Capital			1,325,000	1,508,000	1,516,830	1,525,748	1,534,756	1,543,853	7,858,946	15,297,780
Ongoing Maintenance										
Pipe Crossings (1,806 locations) (184 complete)	40 - 45 per year	55003	450,000	550,000	550,000	550,000	550,000	550,000	2,750,000	14,187,780
Valley Gutters (376 Locations) (69 complete)	12 per year		75,000	75,000	75,000	75,000	75,000	75,000	375,000	1,110,000
Swale Maintenance & Rehab (Materials)	1% growth per year	55105	800,000	883,000	891,830	900,748	909,756	918,853	4,733,946	
Ongoing Maintenance										
Stormwater Modeling			318,000	230,000	0	275,000	0	400,000	0	
Notes										
Section 34	Design & Permit		18,000							
	Construction			230,000						
Section 37 (Trib 1 & 3)	Construction		287,000							
Section 1 & 2 (Modeling Underway)	Design & Permit									
	Construction							400,000		
Section 30	Design & Permit		13,000							
	Construction					275,000				
Section 35	Permitting									
	Construction									
Matanzas	??									
Ongoing Improvement Projects (8 of 44 Modeled)										
Pipes Thru Seawalls			15,000	15,000	15,000	15,000	15,000	15,000	75,000	288,750
34 of 150 Complete as of FY 15										
Pipes Thru Seawalls	4 locations per year	55230	15,000	15,000	15,000	15,000	15,000	15,000	75,000	288,750
55 of 150 Remaining as of 2026										
Other Capital Projects			30,000	0	20,000	170,000	20,000	20,000	0	0
Stormwater Capital Projects										
Lehigh Canal Road Structure Access Improvements	Construction		10,000							
Structure Repairs	Construction		20,000							
Concrete Lined Ditch	Design									
	Construction					150,000				
Electronic Monitoring System					20,000	20,000	20,000	20,000		
Projects not listed under other categories										

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Land			20,000	20,000	20,000	20,000	20,000	20,000	100,000	0
Stormwater access/ projects										
Land acquisition			20,000	20,000	20,000	20,000	20,000	20,000	100,000	
Canal End Seawalls			20,000	35,000	35,000	35,000	35,000	35,000	175,000	70,000
11 of 23 Complete as of FY 15										
Clubfield @ 2 Clarendon		55230	20,000							
Fanwood Ct		55230		35,000						
Fleming Ct @ Florance Ct		55230			35,000					
Christopher Ct @ Chadwick Ct		55230				35,000				
Chadwick Ct @ Chillham Ct		55230					35,000			
<i>Need to Identify</i>		55230						35,000		
Future Construction		55230							175,000	
Future Construction		55230								70,000
Program Complete FY 28										
Freshwater Canal Dredging			110,000	0	0	0	145,000	0	136,000	
58 Miles of Freshwater Canals										
Lehigh Canal @ Old Kings Road	Construction		110,000							
	Design/ Permitting						5,000		4,000	
Freshwater Canal Dredging	Construction						90,000		120,000	
	Contingency						50,000		12,000	
Ongoing Maintenance										
TOTAL EXPENDITURES			2,338,000	2,193,000	2,431,830	2,390,748	2,429,756	2,418,853	11,459,946	

WATER AND WASTEWATER UTILITY DESCRIPTION	To Expend	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-Year
	FY 16	FY 17	FY 18	FY 19	FY 20	FY21	TOTAL
Water System:							
Water Treatment Plant #3							
81010 Membrane Replacement	275,000						275,000
81010 Color Reduction/Iron Removal	0	0	0	0	0	0	0
81010 Color Reduction/Iron Removal	0	0	0	0	0	0	0
<i>Plant Expansion Design</i>							0
Total Water Treatment Plant #3	275,000	0	0	0	0	0	275,000
Wellfield and Wells							
81019 Wellfield Expansion WTP #3 Phase 3, Fresh		260,000				250,000	510,000
<i>Wellfield Expansion WTP #3 Phase 3 - Brackish</i>							0
81019 Wellfield Expansion WTP #2, Phase 1 (raw water main & 4 wells)	2,750,000						2,750,000
81019 Wellfield Expansion WTP #2, Phase 2 (3 wells & activation)			200,000	1,250,000		500,000	1,950,000
81019 Wellfield Expansion WTP #2, Phase 3					200,000	1,250,000	1,450,000
81019 Wellfield Expansion WTP #2, Phase 4						1,500,000	1,500,000
81019 AWS Investigation/APT/WTP#3	550,000						550,000
81019 Well Construction Replacements	250,000	300,000	300,000	300,000	300,000	450,000	1,900,000
<i>North and South Wellfield Property Aquisition</i>							0
Total Wellfield and Wells	3,550,000	560,000	500,000	1,550,000	500,000	3,950,000	10,610,000
Water Mains							
81020 Citation/Old Kings Road/SR100 Water Main Loop		1,000,000					1,000,000
81020 Old Kings Road Water Main Extension to Eagle Lakes	50,000						50,000
81020 Old Kings Road Water Mains (Phase 2)			100,000	100,000	800,000	2,000,000	3,000,000
81020 WM on Palm Coast Pkwy (Belle Terre Pkwy to East of I-95)							0
<i>Matanzas Woods Pkwy Relocate</i>							0
North Old Kings Road Water Main Relocation	175,000						175,000
Total Water Mains	225,000	1,000,000	100,000	100,000	800,000	2,000,000	4,225,000
Water Treatment Plant #1							
84002 WTP No. 1 Replacement Generator and Electrical Upgrade	1,000,000						1,000,000
<i>Lime Sludge Handling - Design and Facility</i>							0
	0	0	0	0	0	0	0
Total Water Treatment Plant #1	1,000,000	0	0	0	0	0	1,000,000
Water Treatment Plant #2							
84003 Concentrate Zero Discharge Treatment							0
84003 Membrane Replacement - NF						300,000	300,000
<i>Membrane Replacement - UF</i>							0
Disinfection By-Products	200,000					300,000	500,000
Total Water Treatment Plant #2	200,000	0	0	0	0	600,000	800,000

WATER AND WASTEWATER UTILITY DESCRIPTION	To Expend	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-Year
	FY 16	FY 17	FY 18	FY 19	FY 20	FY21	TOTAL
General Plant R&R 84004 Construction	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Total General Plant R&R	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Distribution System Improvements							
Canal Crossing Replacements						150,000	150,000
Large Backflow Preventor Replacements	75,000	75,000	75,000	75,000	75,000	75,000	450,000
Fixed Base Meter Reading	500,000		250,000	250,000	250,000	250,000	1,500,000
Radio Read Metering	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Old Kings Road Relocate						500,000	500,000
84005 Construction	75,000	75,000	100,000	100,000	100,000	100,000	550,000
Total Distribution System Improvements	1,150,000	650,000	925,000	925,000	925,000	1,575,000	6,150,000
Coquina Coast Sea Water Desalination Project							
89003 Engineering & Planning						0	0
Total Coquina Coast Sea Water Desalination Project	0	0	0	0	0	0	0
Total Water System Improvements	6,900,000	2,710,000	2,025,000	3,075,000	2,725,000	8,625,000	26,060,000

WATER AND WASTEWATER UTILITY DESCRIPTION	To Expend	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-Year
	FY 16	FY 17	FY 18	FY 19	FY 20	FY21	TOTAL

Wastewater System:							
Gravity System							
Gravity Pipeline Lining	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Total Gravity System	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
Pretreatment Effluent Pumping System							
82001 System Upgrades	100,000	100,000	100,000	100,000	100,000	100,000	600,000
82001 PEP Tanks	750,000	800,000	850,000	950,000	1,000,000	1,000,000	5,350,000
Total Pretreatment Effluent Pumping System	850,000	900,000	950,000	1,050,000	1,100,000	1,100,000	5,950,000
Wastewater Treatment Plant #1							
82002 AWT Upgrade Design & Construction	0	0	0	0	0	0	0
82002 AWT Upgrade Design & Construction	0	0	0	0	0	0	0
82002 AWT Upgrade Design & Construction	0	0	0	0	0	0	0
82002 Headworks Coating Rehab	120,000						120,000
82002 Clarifiers #7 & #8 Rehab						640,000	640,000
82002 Headworks Screening					400,000		400,000
Centrifuge Replacement						250,000	250,000
Biosolids Treatment/Disposal Improvements	55,000						55,000
New Administration Building		275,000					275,000
Total Wastewater Treatment Plant #1	175,000	275,000	0	0	400,000	890,000	1,740,000
Force Mains							
82003 16" Discharge to ICWW	150,000	1,500,000					1,650,000
82003 OKR Force Main Replacement (Town Center to Rib Site)	804,498						804,498
82003 OKR Force Main Replacement (Rib Site to Palm Coast Parkway)					750,000		750,000
Pine Lakes to WWTP #2		75,000	550,000				625,000
White View, PS 24-2 to Old Kings Road	75,000	400,000					475,000
<i>Belle Terre Relocate</i>							0
<i>OKR North 4-Laning Relocate</i>							0
<i>Matanzas Relocate</i>							0
<i>Ravenwood to WWTP #2 on US1</i>							0
Total Force Mains	1,029,498	1,975,000	550,000	0	0	750,000	4,304,498
Reclaimed Water Mains							
82004 Seminole Blvd Reclaimed Water Main	1,000,000						1,000,000
82004 Matanzas Wood Pkwy Reclaimed Water Main, ph1 & ph2	0				0	0	0
82004 Matanzas Wood Pkwy Reclaimed Water Main, ph1 & ph3	0				0	0	0
82004 Matanzas Wood Pkwy Reclaimed Water Main, ph1 & ph2	0				0	0	0
Old Kings Road Phase 2					300,000	350,000	650,000
Discharge to ICWW and/or PH Golf Course Study							0
St Joe Canal Discharge Study							0
Irrigation along US#1, Palm Coast Park		1,500,000					1,500,000
RCW Main Extension to the Sports Complex						1,000,000	1,000,000
<i>Cigar Lake Water Quality Improvements</i>							0
Total Reclaimed Water Mains	1,000,000	1,500,000	0	0	300,000	1,350,000	4,150,000

WATER AND WASTEWATER UTILITY DESCRIPTION	To Expend	Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-Year
	FY 16	FY 17	FY 18	FY 19	FY 20	FY21	TOTAL
Wastewater Treatment Plant #2 82007 Engineering Design & Construction 82007 Reclaimed Water Discharge to Wetlands Design/Const. 82007 WWTF #2 Expansion (Planning & Engineering) <i>WWTF #2 Expansion (Construction)</i>	7,500,000 30,000	13,235,000 2,125,000	4,000,000 500,000			1,500,000	24,735,000 2,655,000 1,500,000 0
Total Wastewater Treatment Plant #2	7,530,000	15,360,000	4,500,000	0	0	1,500,000	28,890,000
Beachside Sewer System 82009 Design and Construction/phase 2 82009 Design and Construction/phase 2	0	0	0 1,000,000	0 500,000	0 1,000,000	0	0 2,500,000
Total Beachside Sewer System	0	0	1,000,000	500,000	1,000,000	0	2,500,000
Wastewater Treatment Plant #3 82010 Engineering & Planning <i>Land</i>						0	0 0
Total Wastewater Treatment Plant #3	0	0	0	0	0	0	0
Lift Stations and Pump Stations 85003 Pump Station 65-2 Pumping Upgrade 85003 Pump Station Upgrades 85003 Pump Station On-Line Generator 85003 Pump Station Odor Control Systems 85003 OKR Master Pump Station 85003 Belle Terre/Matanzas Woods MPS 0 Force Main from PS 24-2 to OKR Phase 2 85003 Pump Station 34-1 Upgrade	100,000 50,000 40,000 1,000,000 250,000	100,000 50,000 40,000 2,000,000	100,000 40,000 500,000	100,000 40,000	100,000 40,000	100,000 50,000 40,000	600,000 200,000 240,000 1,000,000 2,500,000 0 250,000
Total Lift Stations and Pump Stations	1,440,000	2,190,000	640,000	190,000	140,000	190,000	4,790,000
General Plant R&R - Wastewater 85005 Construction	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Total General Plant R&R - Wastewater	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000
Total Wastewater System Improvements	12,774,498	22,950,000	8,390,000	2,490,000	3,690,000	6,530,000	56,824,498

Miscellaneous Utility Services							
Miscellaneous Utility Services(54029000-034000) 89002 CUP Modification Application 89002 CUP Compliance Report 89002 Consultant Input on CIP Development <i>Water Supply Facilities Work Plan</i> <i>Public Works/Utility Office and Yard Study</i> 89002 Rate Study/Bond Issue 89002 Nutrient Impact Study 89002 Customer Service Area Build-outs	14,000	100,000 14,000 50,000	15,000	15,000	15,000	150,000 15,000	100,000 150,000 88,000 0 0 50,000 0 0
Total Miscellaneous Utility Services	14,000	164,000	15,000	15,000	15,000	165,000	388,000

TOTAL EXPENDITURES	19,688,498	25,824,000	10,430,000	5,580,000	6,430,000	15,320,000	83,272,498
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