CAPITAL IMPROVEMENT PLAN 2017 **10-YEAR PLAN UPDATE** 10 Year Lookout 5 Year Adopted CIP 1 Year Project Timeline





TRANSPORTATION PROJECTS	To Expend	Proposed Budget & 5-Year Capital Improvement Plan (CIP)						
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22

BRIDGE REHABILITATION (All Bridges identified and inspected by FDOT) 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 consideration such as load rating and traffic flow. The ratings of all components and considerations are compiled for an overall letter grade, generally A – D.

A – Little or no deterioration. Little or no effect on strength and/or serviceability

B – Minor cracks, spalls and scaling. No exposed or evidence of rebar corrosion

C – Some delamination, moderate cracking, some rebar exposure. Loss is incidental and does not significantly affect the strength and/or serviceability.

D - Advanced deterioration Sufficient to warrant review of the impact on the strength and/or serviceability

D – Advanced deterioration. Sufficient to warrant r	eview of the impac	ct on the str	enath and/or ser	ViceadiiitV.						
General Bridge Rehabilitation	Construction		50,000	30,000	30,000	30,000	30,000	30,000		
Bridge #734064 - Colorado @ College Waterway	Design		50,000							
(FDOT rating C)	Construction	54602	1,450,000							
Bridge #735504 - Sesame @ Little Channel	Design			Part of	Part of					
(FDOT rating F) - To be completed with Citation	Construction			Citation Project	Citation Project					
Bridge #734077 - Belle Terre @ Walker Waterway	Design			Part of						
(FDOT rating D) - To be completed with W-1 project	Construction			W-1 Project						
Bridge #734076 - Belle Terre @ Royal Palms	Design			Part of						
Waterway (FDOT rating C) - To be completed	Construction			Turn-lane Project						
Bridge #734079, Colbert Lane, St. Joe Canal	Design				50,000					
(FDOT rating D) - low sufficiency rating	Construction					420,000				
Bridge #735503, Secretary @ Seminole Waterway	Design						30,000			
(FDOT rating C)	Construction							220,000		
Bridge #734067, Palm Harbor @ Mulberry Creek	Design								30,000	
(FDOT rating C)	Construction								320,000	
Bridge #734065, Westhampton, Wynnfield Waterway	Design								25,000	
(FDOT rating B)	Construction								175,000	
Bridge #734066, Wellington @ Wynfield Waterway	Design								25,000	
(FDOT rating B)	Construction								175,000	

TRANSPORTATION PROJECTS			To Expend	Propo	sed Budget & 5	-Year Capital In	nprovement Pla	an (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully	DESCRIPTION	PROJECT	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
funded with grants)	/ PHASE	NUMBER	FT 17	ГТІО	FT 19	FT 20	FIZI	F122	F123-21	
Bridge #735502, Matanzas, Belleaire Waterway	Design									
(FDOT rating B) - low sufficiency rating	Construction									
Bridge #735505, Royal Palms, Belleaire Waterway	Design									
(FDOT rating B) - low sufficiency rating	Construction									
Bridge #734061 - Palm Harbor, Clubhouse Waterway	Design									
(FDOT rating B) - low sufficiency rating	Construction									
Bridge #734062 - Palm Harbor @ College Waterway	Design									
(FDOT rating B) - low sufficiency rating	Construction									
Bridge #735500, Royal Palms @ Town Center Canal	Design									
(FDOT rating B) - low sufficiency rating	Construction									
Bridge #735507, Old Kings Road South, Creek	Design									
(FDOT rating B)	Construction									
Bridge #735508, Rae Drive, Pine Lakes Waterway	Design									
(FDOT rating B)	Construction									
Bridge #735509, Old Kings Road, Creek	Design									
(FDOT rating B)	Construction									
Bridge #734060 - Clubhouse Dr, Country Club Cove	Design									
(FDOT rating A)	Construction									
Bridge #734063 - Colechester @ College Waterway	Design									
(FDOT rating A)	Construction									
Bridge #734068, Palm Coast Parkway, St. Joe Canal	Design									
(FDOT rating A)	Construction									
Bridge #734073, Old Kings, Lehigh Canal	Design									Part of OKR
(FDOT rating A)	Construction									Project
Bridge #735506, Royal Palms, Lehigh Spur Canal	Design									
(FDOT rating A)	Construction									
Bridge #735501, Pine Lakes @ Pine Lakes Waterway	Design									
(FDOT rating A)	Construction									
Bridge #735510, Old Kings Road, Creek	Design									
(FDOT rating A)	Construction									

TRANSPORTATION PROJECTS			To Expend	Propos	ed Budget & 5-	Year Capital In	nprovement Pla	n (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
CAPACITY IMPROVEMENTS										
Palm Coast Pkwy. 6-laning	Design Construction CEI	54501	25,000 150,000							
FDOT Grant (Construction & CEI)	\$10	,328,320			·		•			
Old Kings Rd. Extension - Phase 2	ROW CEI Construction	54502	40,000		515,000 5,150,000					
FDOT Grant (Construction)	\$4	,500,000								
OKR Widening (Palm Coast Pkwy to Forest Grove Dr.)	Design ROW Construction/CE	54507	275,000 550,000	550,000					31,800,000	
FDOT Grant (Design & ROW)		,060,000		· · · · · ·				1	<u>n i i </u> n	
Palm Harbor Extension	Design & CEI Wetland Mit. Construction FPL	54505	15,000 353,000	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)		,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		20,000 40,000	400,000						
Old Kings Rd. Widening (Town Center to Palm Coast Pkwy)	Design & CEI FPL Wetland Mit. Construction									

TRANSPORTATION PROJECTS	To Expend	Propo	sed Budget & 5	-Year Capital In	provement Pla	n (CIP)	
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION PROJECT / PHASE NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY

ENHANCEMENT PROJECTS											
Sidewalks and Bike Paths		51005	865,000	1,425,000	60,000	250,000	-	250,000	2,730,000		
General						250,000		250,000			
Seminole Woods Multi-Use Path											
Seminole Woods - Sesame to US1			200,000								
Sesame - Selma Tr (south) to Citation/Seminole			370,000								
Sesame - Seminole Woods to Selma Tr. (south)			-	230,000							
SR-100 & US-1 Entry Signs			45,000								
	Design &		_	75,000							
Plaza)	Construction			10,000							
Palm Coast Pkwy. (EB) (Florida Park to Community	Design &		-	150,000							
Center)	Construction										
Pine Lakes Pedestrian Bridge & Gravity Wall Repairs	Design &		250,000								
· ···· · · · · · · · · · · · ·	Construction										
Lakeview Blvd - Lamancha Drive to London Drive	Design-Build			650,000							
Add Bench Bump Outs to existing paths	Construction				60,000						
(\$3500/location est.) Palm Coast Pkwy EB (Missing segments) & Other	Design &										
Projects to be determined	Construction								480,000		
	Design &										
US1 - Seminole Woods to Belle Terre	Construction								750,000		
	Design &								4 500 000		
US1 - Royal Palms to Palm Coast Pkwy	Construction								1,500,000		
Whiteview - Whitemill to US1 (may require land	Design &			220.000							
acquisition / easements / stormwater issues	Construction		_	320,000							
Oak Trails Blvd - Old Kings Road to Graham Swamp	Design &									400,000	
	Construction									400,000	

FY22

TRANSPORTATION PROJECTS			To Expend	Propose	ed Budget & 5-Y	ear Capital Imp	rovement Plan	(CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully	DESCRIPTION	PROJECT	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
funded with grants)	/ PHASE	NUMBER								
Beautification Projects		52003	240,000	575,000	10,000	300,000	725,000	500,000	580,000	
SR100 & I95 Interchange Improvements	Design & Construction		-				280,000			
Belle Terre Median - Royal Palms to SR100	Construction		200,000							
Palm Harbor Pkwy Median - European Village	Construction		40,000							
Whiteview Median Improvements - East of Whitemill	Design		-							
to US1	Construction		-	525,000						
Entry Sign & Median - Whiteview Pkwy at US1	Design Construction			50,000						
Seminole Woods Parkway Median Improvements -	Design			-	10,000					
SR100 to north of Citation	Construction			-	-	300,000	415,000			
Fountain in FDOT pond at Palm Coast Pkwy SB exit	Design &						30,000			
ramp	Construction						30,000			
Entry Sign (Major Gateway) - 195/Matanzas Woods	Design							60,000		
Pkwy Interchange	Construction							440,000		
Entry Sign (Minor Gateway) - Old Kings Road at US1	Design Construction								25,000 60,000	
Entry Sign (Residential Gateway) - Belle Terre	Design								25,000	
Boulevard at US1	Construction								60,000	
Entry Sign (Residential Gateway) - Royal Palms Pkwy	Design								25,000	
at US1	Construction								60,000	
Entry Sign (Residential Gateway) - Matanzas Woods	Design								25,000	
Pkwy at US1	Construction								60,000	
Entry Sign (Minor Gateway) - Belle Terre Blvd/Pkwy at	Design								30,000	
SR100	Construction								150,000	
Entry Sign (Minor Gateway) - SR100 (East City	Design								30,000	
Boundary)	Construction									150,000
Entry Sign (Minor Gateway) - Old Kings Road (South	Design								30,000	
City Boundary)	Construction									75,000
Commercial/Business Sign (Corridor Gateway) (5) @	Design									20,000
\$20,000 each	Construction									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

an	(CIP)	

TRANSPORTATION PROJECTS				Propo	sed Budget & 5	-Year Capital Im	provement Plai	n (CIP)
(Projects highlighted in blue are partially or fully	DESCRIPTION	PROJECT	EV 17	FY 18	FY 19	FY 20	FY 21	FY2
funded with grants)	/ PHASE	NUMBER	ET 17	FLIO	FT 13	FT 20	FI ZI	

SAFETY PROJECTS				
Bulldog Drive Improvements	3500	1		
	Design/CEI			250,000
FPL Street Light Agreement, Relocation, Services				300,000
Ultimate 4-laning of Bulldog - Phase 2	Construction			2,500,000
FPL Underground Utilities - Phase 2	Construction			400,000
	Contingency			250,000
Citation Boulevard Improvements				
	Design/CEI		175,000	
	Construction		1,100,000	
	Contingency		100,000	

STREET REHAB and RENEWAL	54104	1,920,000	1,840,000	1,890,000	1,995,000	1,945,000	1,945,000	10,725,000	
- Street resurfacing		1,550,000	1,600,000	1,650,000	1,700,000	1,700,000	1,700,000	9,350,000	
- Pavement analysis		150,000	-	-	50,000	-	-	125,000	
- Restriping		150,000	150,000	150,000	150,000	150,000	150,000	750,000	
- Guardrail replacements from accidents		25,000	35,000	35,000	35,000	35,000	35,000	200,000	
 Replacement cabinets from accidents 		45,000	55,000	55,000	60,000	60,000	60,000	300,000	

FY22

TRANSPORTATION PROJECTS	To Expend	Propo	sed Budget & 5	-Year Capital In	nprovement Pla	n (CIP)		
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY

TRAFFIC OPERATIONS										
Intersection/Turn Lanes		54409								
ADA Transition Plan & Implementation			50,000	50,000	50,000	50,000	50,000	50,000	250,000	
Traffic Signal Intersection Analysis & Modifications					10,000	50,000	10,000	50,000	330,000	
SR100										
- Belle Terre (EB 2nd Left Turn Lane)										
- Town Center (WB Right Turn Lane)										
- Seminole Woods (EB Right Turn Lane)										
Whiteview (Pritchard Drive to US1)	Design/CEI		225,000							
- Wood Ash Lane (EB Left Turn Lane)	Construction			115,000						
- Wood Aspen Lane (EB Left Turn Lane)				115,000						
- Rolling Sands (EB Right & WB Left Turn Lanes)	Construction			230,000						
- Woodbury Lane (EB Left Turn Lane)	Construction			115,000						
- Whitemill (EB Left, WB Right, SB Right Turn	Construction			265,000						
- Whippoorwill (EB Left Turn Lane)	Construction			115,000						
- Ravenwood (EB Right, WB Left, NB Right Turn	Construction			300,000						
- Princess Rose (EB Left Turn Lane)	Construction			115,000						
Belle Terre (Pine Lakes Parkway-southern int. to	Design/CEI		225,000							
- Whiteview (ped. crossing) (EB & WB Left Turn	Construction			300,000						
- SR100 (Belle Terre Blvd. NB Right Turn Lane)	Construction			150,000						
- SR100 (SB Left Turn Lane south of SR100)	Construction			150,000						
- Pine Grove (NB Turn Lane & Median Restriction)	Construction			165,000	-					
- Royal Palms (NB, SB, WB Turn Lanes)	Construction			-	1,700,000					
- Easthampton (EB Turn Lane)	Construction			115,000	-					
- Whippoorwill (SB Turn Lane)	Construction			140,000	-					
- Point Pleasant (NB Turn Lane)	Construction			150,000	-					
- Ponce DeLeon (NB Turn Lane)	Construction			150,000	-					
- Pritchard (NB Turn Lane)	Construction			150,000	-					
Seminole Woods (SR100 to US1)										
Intersection Analysis										
- SR100 (NB Left Turn Lane)					165,000					
Other Projects to be determined from Study										
Rymfire (Belle Terre to Royal Palms)										
Intersection Analysis / Design / Projects as										
Palm Harbor (Palm Coast Parkway to Old Kings)										
Intersection Analysis / Design / Projects as										
Pine Lakes (Belle Terre to Belle Terre)										
Intersection Analysis / Design / Projects as										

FY22

TRANSPORTATION PROJECTS			To Expend	Propos	ed Budget & 5-	Year Capital Im	provement Pla	in (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Traffic Signals		54405								
Traffic Signal Optimization Implementation		34403	380,000	150,000	100,000	100,000				
New Signal - Matanzas / US1 (FDOT Managed)				,	30,000					
New Signal - Matanzas / Interchange (2)					800,000					
New Signal - Belle Terre / Market Ave / Eastwood				400,000						
Traffic Signal Analysis Study/Warrant/Construction (1									450,000	
Signal)									430,000	
Traffic Signal Conversion - Strain Pole to Mast Arm										
Belle Terre (Cypress Point Parkway									400,000	
Belle Terre (Palm Coast Parkway EB)									400,000	
Belle Terre (Kohl's/Publix)	-									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								200,000	
Palm Coast Parkway EB (Pine Cone)	Design/Construct								200,000	
Palm Coast Parkway WB (Colbert)	Design/Construct									400,000
Palm Coast Parkway EB (Colbert)	Design/Construct									400,000

TOTAL EXPENDITURES	6,923,000	8,460,000	13,663,000	3,195,000	2,940,000	3,545,000	65,542,480	

UNFUNDED PROJECTS								
PATH REHAB and RENEWAL	125,000	TBD						
- Resurface Asphalt Trails	125,000							
- Renew Shell Trails								
- Boardwalks Repair & Replacement								
- Pedestrian Bridge Repair & Replacement								

CONTINUOUS STREET LIGHTING	100,000	TBD						
- Design	100,000	TBD	TBD	TBD	TBD	TBD	TBD	
- Construction	0	TBD	TBD	TBD	TBD	TBD	TBD	

RECREATION PROJECTS			To Expend	Propos	sed Budget & 5-	Year Capital Im	nprovement Pla	in (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
PARKS & RECREATIONAL FACILITIES										
Parks Longs Landing <u>Phase 2</u> - Nature Center, Exhibits, Site Elements, landscaping, etc.	Design / CEI Construction Contingency	61015			50,000	50,000 2,700,000 250,000				
Town Center Restroom Building (TDC Grant) ITMS Restroom & Storage Building ITSC Field Lighting @ ITMS 3 fields	Construction Construction Construction	61533 61532	425,000 300,000 450,000							
Holland Park Improvements Phase 1 - Sitework Phase 2 - Building Renovations, New Maintenance Facility, Handball & Pickle Ball Courts, Fitness Area	Design / CEI Construction	66006	30,000 550,000	75,000	50,000					
Facility, Handball & Pickle Ball Courts, Fitness Area Phase 3 - Sports Lighting (limited) Phase 4 - Playground & Splash Park	Construction				425,000 1,500,000 300,000					
Town Center Central Park - Remaining Phases	Construction							650,000	3,000,000	

RECREATION PROJECTS			Propos	sed Budget & 5	6-10 Year CIP	Future CIP			
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION PROJECT / PHASE NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	

Neighborhood Parks (5-10 acres) \$250,000/acr	e for development [Min	nimum of	1 project to occ	our over next 10	-years]			2,750,000	
Matanzas Woods Neighborhood Park	Design /								
Matalizas Woods Neighbolliood Faik	Construction								
	Land Acquisition								
Pine Lakes Neighborhood Park (10 acres)	Design /								
	Construction								
	Land Acquisition								
Quail Hollow Neighborhood Park (10 acres)	Design /								
	Construction								
						•			
Community Centers									

Community Centers							
Community Center Renovation/Addition	Design	66005	100,000	75,000			
Community Center Renovation/Addition	Construction		4,400,000	3,425,000			

RECREATION PROJECTS			To Expend	Propos	ed Budget & 5-	Year Capital Im	provement Plar	n (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Tunded with grants)	THASE	NOMBER								
PARK RENOVATIONS		66008	931,000	475,000	325,000	275,000	625,000	605,000	2,125,000	
ITSC - Dugout Replacements			106,000							
ITSC - Field Sod Replacement & Underdrain (4)			80,000	160,000						
Playground Shade Sail Program (BT, RC, SW, WP)			425,000	ŕ						
Add Dedicated Pickle Ball Courts to City Park(s)				200,000					290,000	
Energy Improvements (Park Facilities)				ŕ	50,000				,	
Park Cameras (ITSC, BT, SW, WP, HP)					170,000					
Playground Equipment Replacement					,	150,000			50,000	
ITSC - Shade Sail @ playground & bleachers						,		300,000	· · · · · · · · · · · · · · · · · · ·	
Park Equipment New/Replacement (basketball posts,									05 000	
tennis nets, benches, picnic tables, goals, etc.)								35,000	95,000	
Fence / Screen Replacement (Tennis, Basketball, etc)									50,000	
Basketball & Tennis Court Resurfacing (\$20,000 per					20,000				40,000	
court) (Seminole 1 BB & 1 T; Ralph Carter 1 BB)					20,000					
ITSC - Field Lighting Lamp Replacement									800,000	
Other Projects to be determined			20,000	20,000	55,000	25,000	10,000	20,000	500,000	
Frieda Zamba Pool Complex										
Frieda Zamba Pool Pump Enclosure & Filtration Frieda Zamba Bldg Renovations - Locker Rooms Frieda Zamba Pool Acid Wash Pool Interior Frieda Zamba Pool Deck & Drainage			175,000			40,000	450,000		TBD TBD	
Frieda Zamba Bldg Renovations - Office Frieda Zamba Bldg Renovations - Misc. Improvements									TBD TBD TBD	
Tennis Center Complex										
Fence / Screen Replacement Shade Coverings Lighting Replacement	6									

RECREATION PROJECTS			To Expend	Propos	sed Budget & 5	-Year Capital Im	provement Pla	n (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Palm Harbor Golf Club										
Rebuilding of Bunkers (64) (9 holes per year)			125,000							
Clubhouse Improvements										
Greens Reconstruction: \$TBD								250,000	TBD	
Wash Down System	1			95,000						
Lightning Detection System	1				30,000					
Pneumatic Line Drops, Maintenance Building B						750				
Air Compressor, Tire Repair Shop						1,500				
Paint Facility Exterior, Maintenance Building A & B						30,000				
Paint Floors Building B						15,000				
Add Gutters and Downspouts, Maintenance Building						4,500				
Add Gutters and Downspouts, Maintenance Building						2,250				
Exterior Facility Chain Link Fence Repair						6,000				
Mini-Split Ductless AC in Offices							7,500			
Maintenance Building B, Restroom Upgrade &							30,000			
Maintenance Building Improvements							37,500			
Roof Replacement, Maintenance Building A							60,000			
Roof Replacement, Maintenance Building B							30,000			
Paving: Maintenance Area Resurfacing									50,000	
Expand Parking Area: \$TBD									150,000	
Landscaping (maintenance facility & other areas)									100,000	
Enclosure Building for Irrigation Pump Station										
Lighted Driving Range										

TRAILS & TRAIL AMENITIES											
Graham Swamp Trail Phase 2	Design	61014		336,500							
Granam Swamp Trail Flase 2	Construction				2,463,500						
Lehigh/Belle Terre Trailhead (FPL Easement)	Design	66009			250,000				100,000		
	Construction								475,000		
FDOT Grant (Design - Trail Elements only)		5100,000									
Service Road Trail (Water Tower-Palm Coast Pkwy)	Design & Constr	uction							TBD		
to Royal Palms									שטו		
Trailhead & Trail Signs	Material			50,000		50,000		50,000			
Contingency / Safety Improvements 75,000 75,000 75,000 75,000 375,000											
OTAL EXPENDITURES			7,261,000	4,511,500	6,638,500	3,400,000	700,000	1,380,000	8,825,000		

RECREATION PROJECTS		To Expend	Propo	sed Budget & 5	-Year Capital Im	nprovement Pla	n (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION PROJECT / PHASE NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	

UNFUNDED PROJECTS					
Community Parks (20-50 acres) \$375,000/acre f	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
Created Upo Facilities					
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			To Expend	Propos	ed Budget & 5	-Year Capital Ir	nprovement Pla	n (CIP)	6-10 Year CIP	Future CIP
	DESCRIPTION / PHASE	PROJECT NUMBER	I FY1/ I	FY 18	FY 19	FY20	FY 21	FY22	FY23 - 27	
						1		1		
Fire Station #22 - Replacement	Design / CEI	49010						250,000	75,000	
The Station #22 - Replacement	Construction								3,000,000	
Fire Station #26 Seminole Woods	Design / CEI	49008								375,000
Fire Station #26 Seminole woods	Construction									3,500,000
TOTAL EXPENDITURES			0	0	0	0	0	250,000	3,075,000	3,875,000

GENERAL GOVERNMENT PROJECTS			To Expend	Propos	sed Budget & 5-	Year Capital Im	provement Pla	n (CIP)	6-10 Year CIP	Future CIP
	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
City Hall Design / CEI	1		11,000							
City Hall / Community Wing Generator			300,000							
ADA Transition Plan (existing facility compliance				75,000	150,000	25,000	50,000	50,000		
Public Works Facility			300,000			200,000	2,750,000	2,750,000	5,500,000	
City Council Reserves										
Alternative Fuel Depot										
Land Acquisition (Open Space Preservation, Habitat										
Protection & Other)										

TOTAL EXPENDITURES	611,000	75,000	150,000	225,000	2,800,000	2,800,000	5,500,000	0

STORMWATER PROJECTS			To Expend	Propos	ed Budget & 5-	Year Capital Im	provement Pla	in (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)		PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Water Control Structures			385,000	990,000	0	400,000	0	350,000	1,600,000	1,000,000
19 of 32 (59%) Complete as of FY16										
BS-2	Construction Contingency		350,000 35,000							
W-1 (west side of Belle Terre across street from BTMS) (to be done with major crossing W-1)	Construction Contingency			200,000 20,000						
L1	Construction Contingency			350,000 35,000						
P-1 (west side of Belle Terre south of Pine Grove) (to be done with major crossing P-1)	Construction Contingency					360,000 40,000				
К-1	Construction Contingency			350,000 35,000						
K-6 (to be done with major crossing K-6)	Construction Contingency							320,000 30,000		
B-1, B-2	Construction								265,000	
B-3	Construction								135,000	
M-2	Construction								100,000	
63-I & Little Canal Spillout	Construction								200,000	
15-F	Construction								450,000	
Florida Park North	Construction								450,000	
LS-1	Construction									300,000
US-1 (FDOT)	Construction									400,000
ITT Weir (County)	Construction									300,000
			Program	n complete FY 2	2030					

STORMWATER PROJECTS			To Expend	Propos	ed Budget & 5	-Year Capital Im	provement Plai	n (CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)		PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Major Crossings (over 48")			0	800,000	0	605,000	0	310,000	1,200,000	22,500,000
15 of 74 (20%) Complete as of FY16				n , , ,				,		, ,
W-1 (Belle Terre @ BTMS)	Construction			725,000						
(to be done with water contol structure W-1)	Contingency			75,000						
L-2_Bridge 735504 (Sesame @ Citation)	Construction			Part of Citation Project						
R-1_Bridge 734076 (Belle Terre @ Royal Palms)	Construction			Part of Belle Terre Project						
P-1 (Belle Terre @ Pine Grove Waterway)	Construction					550,000				
(to be done with water contol structure P-1)	Contingency					55,000				
	Construction							280,000		
K-6 (to be done with water contol structure K-6)	Contingency							30,000		
M-2 (OKR @ Big Mulberry Creek)	Construction								Part of OKR Widening	
3 projects to be determined	Construction								1,200,000	
Future	Construction									22,500,000
			50 of 74	Remaining as of	f 2027					

STORMWATER PROJECTS			To Expend	Propose	ed Budget & 5-Y	ear Capital Imp	rovement Plan	(CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Public Works - Stormwater Capital			1,575,000	1,600,000	1,575,000	1,575,000	1,625,000	1,625,000	8,125,000	18,075,000
Stormwater Rehab & Renewal										
Pipe Crew										
Pipe Crossings (1,806 locations) (224 complete)	40 - 45 per year	55003	450,000	450,000	450,000	450,000	450,000	450,000	2,250,000	16,500,000
Pipe Lining	12 per year	55003	100,000	100,000	100,000	100,000	100,000	100,000	500,000	TBD
Valley Gutters (376 Locations) (81 complete)		55205	75,000	75,000	75,000	75,000	75,000	75,000	375,000	1,575,000
System Rehab & Renewal (Materials)		55105								
Sod			450,000	400,000	400,000	400,000	400,000	400,000	2,000,000	ongoing
Driveway Replacements	30 per year		100,000	100,000	100,000	100,000	100,000	100,000	500,000	ongoing
Miscellaneous Items			100,000	100,000	100,000	100,000	100,000	100,000	500,000	ongoing
Stormwater Improvements										
Section 30 - Tributary 1	Construction		150,000							
Section 30 - Tributary 2	Construction		150,000							
Section 30 - Tributary 3	Construction			150,000						
Section 34 - Tributary 1				225,000						
Section 34 - Tributary 2					120,000					
Projects to be determined					230,000	350,000	400,000	400,000	2,000,000	TBD
			Ongo	oing Maintenance	9					

STORMWATER PROJECTS			To Expend	Propos	ed Budget & 5-	Year Capital Im	provement Plan	(CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Other Capital Projects			165,000	200,000	155,000	30,000	30,000	30,000	150,000	
Stormwater Capital Projects									· · ·	
Structure Access Improvements	Construction		10,000	10,000	10,000	10,000	10,000	10,000	50,000	
Structure Repairs	Construction		20,000	20,000	20,000	20,000	20,000	20,000	100,000	
Concrete Lined Ditch	Design		30,000							
	Construction			125,000	125,000					
Electronic Monitoring System			30,000	45,000						
LIDAR QL1 Standard			75,000							
			Projects not lis	ted under other	catagories					
Land			20,000	20,000	0	0	0	0	0	
Stormwater access/ projects										
Land acquisition			20,000	20,000	0	0	0	0	0	

STORMWATER PROJECTS			To Expend	Propos	ed Budget & 5-	Year Capital Im	provement Plan	(CIP)	6-10 Year CIP	Future CIP
(Projects highlighted in blue are partially or fully funded with grants)	DESCRIPTION / PHASE	PROJECT NUMBER	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	FY23 - 27	
Pipes Thru Seawalls			15,000	15,000	15,000	15,000	15,000	15,000	100,000	1,500,00
41of 150 Complete (27%) as of FY 16										
Pipes Thru Seawalls	4 locations per year	55230	15,000	15,000	15,000	15,000	15,000	15,000	100,000	1,500,000
		65 of 1	50 Remaining as	of 2027 - Progr	am Complete F	Y 44				
Canal End Seawalls			35,000	35,000	35,000	35,000	35,000	35,000	225,000	
11 of 23 (48%) Complete as of FY 16					·					
Christopher Ct @ Chadwick Ct		55230	35,000							
Fleming Ct @ Florance Ct		55230		35,000						
Fanwood Ct		55230			35,000					
Chadwick Ct @ Chillham Ct		55230				35,000				
Location to be identified		55230					35,000			
Location to be identified		55230						35,000		
Future Construction		55230							225,000	
			Progra	m Complete FY	28					
Freshwater Canal Dredging			0	0	0	0	150,000	0	200,000	
58 Miles of Freshwater Canals										
	Design/ Permitti	ng					5,000		5,000	
Freshwater Canal Dredging	Construction						130,000		180,000	
	Contingency						15,000		15,000	
			Ongo	oing Maintenand	ce de la companya de					
TOTAL EXPENDITURES			2,195,000	3,660,000	1,780,000	2,660,000	1,855,000	2,365,000	11,600,000	

UNFUNDED PROJECTS									
Saltwater Canals		TBD							
- Seawall Repair & Replacement									
- Dredging									
- Pipes Thru Seawalls (accellerate program)									
- Canal End Seawalls (accellerate program)									

ATER AND WASTEWATER UTILITY	To Expend	Propos	ed Budget & 5-	Year Capital Im	provement Plan	(CIP)	6-10 Year	Future CIP
DESCRIPTION	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	CIP	
ator System.								
ater System: Water Treatment Plant #3								
81010 Membrane Replacement							350,000	
81010 Plant Expansion Design/Construction						500,000	4,000,000	
Total Water Treatment Plant #3	0	0	0	0	0	500,000	4,000,000	
	v	U	U	U	υ	500,000	4,550,000	
Wellfield and Wells								
81019 Wellfield Expansion WTP #3 Phase 3 - Brackish/Fresh						1,000,000	2,000,000	
81019 Wellfield Expansion WTP #2	1,804,000					1,000,000	2,000,000	
81019 Wellfield Expansion WTP #2 - 3 additional wells	194,000	2,000,000						
81019 Well SW-43 Replacement - WTP #1	101,000	350,000						
81019 AWS Investigation/APT/WTP#3	52,000	000,000						
81019 ASR Investigation	02,000					100,000		
81019 Well Construction Replacements	300,000	300,000	400,000	400,000	400,000	500,000	2,500,000	
81019 North and South Wellfield Property Acquisition	000,000	000,000	400,000	400,000	400,000	1,000,000	1,000,000	
Total Wellfield and Wells	2,350,000	2,650,000	400,000	400,000	400,000	2,600,000	5,500,000	
	_,,	_,,	,	,	,	_,,	0,000,000	
Water Mains								
81020 Citation/Old Kings Road/SR100 Water Main Loop		1,000,000						
81020 Old Kings Road Water Main Extension to Eagle Lakes		50,000						
81020 Old Kings Road Water Mains (Phase 2)		,					1,000,000	
81020 Matanzas Woods Pkwy Relocate							1,000,000	
81020 North Old Kings Road Water Main Relocation	175,000						2,600,000	
81020 North Old Kings Road Extension Water Main	, ,		500,000				, ,	
Total Water Mains	175,000	1,050,000	500,000	0	0	0	4,600,000	
Water Treatment Plant #1								
84002 WTP No. 1Misc. Improvements(Electrical Improvements)	780,000							
84002 WTP No. 1 Replacement Generator and Electrical Upgrade	220,000							
84002 Lime Sludge Handling - Design and Facility						200,000	800,000	
84002 Re-roof			175,000					
84002 Fuel Storage Tank						150,000		
Total Water Treatment Plant #1	1,000,000	0	175,000	0	0	350,000	800,000	
Water Treatment Plant #2								
84003 Concentrate Zero Discharge Treatment	80,000							
84003 Membrane Replacement - NF						600,000		
84003 Membrane Replacement - UF						520,000		
84003 Reroof	200,000							
84003 Fuel Storage Tank						150,000		
Total Water Treatment Plant #2	280,000	0	0	0	0	1,270,000	0	

WATER AND WASTEWATER UTILITY	To Expend	pend Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-10 Year	Future CIP
DESCRIPTION	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	CIP	
General Plant R&R								
84004 Construction	500,000	600,000	600,000	600,000	600,000	750,000	3,750,000	
Total General Plant R&R	500,000	600,000	600,000	600,000	600,000	750,000	3,750,000	
Distribution System Improvements								
84005 Canal Crossing Replacements					150,000	300,000		
84005 Large Backflow Preventer Replacements	75,000	75,000	75,000	75,000	75,000	75,000	375,000	
84005 Fixed Base Meter Reading		150,000	200,000	200,000	200,000	200,000	600,000	
84005 Radio Read Metering	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000	
84005 Cypress Edge Loop				120,000				
84005 Residential and Sm Commercial Meters changeouts	60,000	80,000	100,000	100,000	100,000	100,000	500,000	
84005 Construction	75,000	100,000	100,000	100,000	100,000	100,000	500,000	
Total Distribution System Improvements	710,000	905,000	975,000	1,095,000	1,125,000	1,275,000	4,475,000	
Total Water System Improvements	5,015,000	5,205,000	2,650,000	2,095,000	2,125,000	6,745,000	23,475,000	

WATER AND WASTEWATER UTILITY	To Expend Proposed Budget & 5-Year Capital Improvement Plan (CIP)					n (CIP)	6-10 Year	Future CIP
DESCRIPTION	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	CIP	
Westswater System								
Wastewater System: Pretreatment Effluent Pumping System								
82001 System Upgrades	100,000	200,000	200,000	200,000	200,000	200,000	1,000,000	
82001 PEP Tanks	800,000	850,000	950,000	1,000,000	1,000,000	1,000,000	5,000,000	
Total Pretreatment Effluent Pumping System	900,000	1,050,000	1,150,000	1,200,000	1,200,000	1,200,000	6,000,000	
Wastewater Treatment Plant #1								
82002 Headworks Coating Rehab		120,000						
82002 Clarifiers #7 & #8 Rehab		700,000						
82002 Centrifuge Replacement					250,000	750,000		
82002 Biosolids Treatment/Disposal Improvements	500,000	3,750,000				500,000	1,100,000	
82002 New Administration Building	50,000							
82002 New Genset and Above Ground Fuel Storage Tank						350,000		
82002 Property Acquisition - Mosquito Control Property	400,000							
82002 Expand Odor Control System		200,000						
82002 Diffused air			500,000					
Total Wastewater Treatment Plant #1	950,000	4,770,000	500,000	0	250,000	1,600,000	1,100,000	
Force Mains								
							1,150,000	
82003 Old Kings Road (Phase 3) Spray Field to WWTP#1 82003 Pine Lakes to WWTP #2		100,000	700,000	500,000	1,000,000		1,150,000	
82003 Matanzas Relocate		100,000	700,000	500,000	1,000,000		500,000	
82003 Ravenwood to WWTP #2 on US1						50,000	3,000,000	
82003 WTP #2 Concentrate Line Conversion		300,000				50,000	3,000,000	
82003 Force Main from Pump Station 4-2 or PS E		300,000		450,000				
82003 Force Main from Pump Station D to WWTP				450,000			1,500,000	
Total Force Mains	0	400,000	700,000	950,000	1,000,000	50,000	6,150,000	
	Ŭ	400,000	100,000	000,000	1,000,000	00,000	0,100,000	
Reclaimed Water Mains								
82004 Seminole Blvd Reclaimed Water Main	94,046							
82004 Old Kings Road Phase 2	· .,• .•						350,000	
82004 16" Discharge with study	300,000	1,500,000	1,500,000				,	
82004 Irrigation along US#1, Palm Coast Park	560,000	.,,	.,,					
82004 RCW Main Extension to the Sports Complex	,•	1,000,000						
82004 Cigar Lake Water Quality Improvements	100,000	1,500,000						
Total Reclaimed Water Mains	1,054,046	4,000,000	1,500,000	0	0	0	350,000	

WATER AND WASTEWATER UTILITY	To Expend	nd Proposed Budget & 5-Year Capital Improvement Plan (CIP)					6-10 Year	Future CIP
DESCRIPTION	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	CIP	
Wastewater Treatment Plant #2 82007 Engineering Design & Construction 88015 Reclaimed Water Discharge to Wetlands Design/Const. 82007 Asset Management Plan 82007 Plant Expansion Planning and Engineering 82007 Plant Expansion Engineering Construction 82007 Aquifer Recharge Land 82007 Aquifer Recharge Design and Construction	17,000,000 2,125,000 78,000	5,000,000 500,000		750,000 200,000	1,500,000	500,000	13,500,000	
Total Wastewater Treatment Plant #2	19,203,000	5,500,000	0	950,000	1,500,000	500,000	13,500,000	
Beachside Sewer System 82009 Design and Construction/phase 2		500,000	1,500,000	1,500,000				
Total Beachside Sewer System	0	500,000	1,500,000	1,500,000	0	0	0	
Wastewater Treatment Plant #3 82010 Land		200,000						
Total Wastewater Treatment Plant #3	0	200,000	0	0	0	0	0	
Lift Stations and Pump Stations 85003 Pump Station Upgrades 85003 Pump Station On-Line Generator 85003 Pump Station Odor Control Systems 88014 Belle Terre/Matanzas Woods MPS 85003 Pump Station 34-1 Upgrade 85003 Commerce Blvd Pump Station 85003 Hargrove Pump Station 85003 Hargrove Pump Station 27-1 85003 Pump Station 4-2 85003 Pump Station CL-1 85004 Pump Stations Section 25 (Persimmon) Total Lift Stations and Pump Stations	100,000 50,000 180,000 2,000,000 160,000 2,490,000	100,000 450,000 80,000 300,000 200,000 150,000 1,280,000	150,000 250,000 100,000 200,000 200,000 200,000	150,000 250,000 100,000 200,000 700,000	150,000 250,000 100,000 500,000	150,000 250,000 100,000 500,000	750,000 1,250,000 500,000 2,500,000	
	2,430,000	1,200,000	1,100,000	700,000	500,000	500,000	2,300,000	
General Plant R&R - Wastewater Gravity System 85005 Gravity Pipeline Lining 85005 Construction 85005 RIB Site Fencing 85005 Replace Mechanical Bar Screens at WWTP #1	250,000 500,000 400,000	250,000 600,000 200,000	250,000 600,000	250,000 750,000	250,000 750,000	、 250,000 750,000	1,250,000 3,750,000	
85005 Replace submersible pumps	60,000	60,000	60,000	60,000	60,000	60,000	300,000	
Total General Plant R&R - Wastewater	1,210,000	1,110,000	910,000	1,060,000	1,060,000	1,060,000	5,300,000	
Total Wastewater System Improvements	25,807,046	18,810,000	7,360,000	6,360,000	5,510,000	4,910,000	34,900,000	

WATER AND WASTEWATER UTILITY	To Expend	Propos	6-10 Year	Future CIP				
DESCRIPTION	FY 17	FY 18	FY 19	FY 20	FY 21	FY22	CIP	
Missellaneous Utility Services								
Miscellaneous Utility Services Miscellaneous Utility Services(54029000-034000)						1		
89002 CUP Modification Application	25,000	100,000			100,000		100,000	
89002 CUP Compliance Report	25,000	100,000			50,000		100,000	
89002 COP Compliance Report 89002 Consultant Input on CIP Development	14,000	15,000	15 000	15 000	15,000	15 000	75,000	
	14,000		15,000	15,000	15,000	15,000		
89002 Water Supply Facilities Work Plan	50.000	30,000		30,000		30,000	60,000	
89002 Rate Study/Bond Issue/SRF Capital Financing Plan	50,000					100,000	60,000	
89002 LiDAR Project (cost share)	25,000							
89002 Surface / Groundwater Interface Model	25,000	25,000						
89002 Utility Admin R+R	30,000	20,000	20,000	20,000	20,000	20,000	100,000	
89002 Technology Upgrades	100,000							
89002 Inventory Storage		30,000	250,000					
89002 Utility Compound Upgrade		,	,				2,200,000	
89002 Additional Land for 2 Utility Drive							300,000	
Total Miscellaneous Utility Services	269,000	220,000	285,000	65,000	185,000	165,000	2,895,000	
TOTAL EXPENDITURES	31,091,046	24,235,000	10,295,000	8,520,000	7,820,000	11,820,000	61,270,000	