

Attachment 3 - Water CIP											
Capital Project	Description	Current Year Budget	Current Year Estimate	2022	2023	2024	2025	2026	2027	Total	
Relocations											
000700B-Westwinds Dr. Bridge Replacement - Utility Relocations	The relocation of a water line and force main in conjunction with the Westwinds Bridge replacement project.	88,000	50,000	75,000	-	-	-	-	-	125,000	
000702B-Crosswinds Dr. Bridge Replacement - Utility Relocations	The relocation of a water main and gravity sewer in conjunction with the Oakwood Bridge replacement project.	119,000	35,000	107,000	-	-	-	-	-	142,000	
000791A-FDOT Relocation Projects Miscellaneous	Annual funding devoted to relocating water, sanitary sewer and/or reclaimed water lines due to Florida Department of Transportation (FDOT) related road construction or modifications.	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000	
000791B-Utility Upgrades 19/Seminole Blvd.) from S. of 53rd Av. to S. of 102nd Av. 436485-1	FDOT is milling and resurfacing Seminole Blvd from 53rd Av to 102nd Av. PCU has existing manhole covers and water valve box covers that will need to be adjusted to be flush with the new road surface.	-	80,000	-	-	-	-	-	-	80,000	
000831A-Water, Sewer and Reclaimed Water Relocation Projects	Annual funding devoted to relocating water, sanitary sewer and/or reclaimed water lines due to Pinellas County Stormwater & Transportation related construction or modifications. Includes Pinellas County and municipal work.	500,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	2,800,000	
001023B-131st St and 86th Ave Water Main Relocation	Relocation of the 24 inch water main and appurtenances in conjunction with public works project 001023A.	1,400,000	1,400,000	-	-	-	-	-	-	1,400,000	
001035B-Oakwood Dr. Bridge Replacement Utility Relocations	The relocation of water and force mains in conjunction with the Oakwood Bridge replacement improvements.	59,000	-	59,000	-	-	-	-	-	59,000	
001280B-High Bluff Utility Relocation for Drainage Improvements	The relocation and improvements to the water lines and realigning of gravity sewer in conjunction with the High Bluff Drainage improvements.	59,000	-	-	-	-	-	-	-	-	
001177D-Lakeshore Estates Road and Drainage Improvements Phase II Utilities Relocations	Replace existing cast iron water and sewer force mains within project area limits.	475,000	335,000	111,000	-	-	-	-	-	446,000	
001522A-FDOT US 19 Main to Northside	FDOT utility relocation US 19 Main to Northside.	1,822,000	158,000	1,185,000	2,057,000	850,000	300,000	-	-	4,550,000	
001523A-FDOT US19 Northside to CR95	Widening of US19 and the construction of an overpass at US19 and Curlew Rd. The roadway and drainage improvements will impact the county's existing 36in transmission main and the distribution mains.	1,798,000	158,000	1,435,000	2,057,000	750,000	500,000	-	-	4,900,000	
001589B-Pass A Grille Water Transmission and Distribution Main Relocations from 19th Ave to 1st Ave	Pass A Grille water transmission and distribution main relocation from 19th Ave to 1st Ave in St Pete Beach because of municipality improvements.	67,000	67,000	-	-	-	-	-	-	67,000	
001638B-Granger Dr Water Line Relocations	Relocate existing 6" water line in conjunction with public works project 001638A.	180,000	-	180,000	-	-	-	-	-	180,000	
001817B-Crystal Beach Water, Sewer and Reclaim Water Relocations Along Grace St., Seafford Ave., Disston St. and Florida Blvd.	Water, sewer, and reclaim water relocations, improvements and adjustments as needed to facilitate the construction of a Public Works roadway and drainage improvements.	113,000	70,000	70,000	-	-	-	-	-	140,000	
002063B-Starkey Road Utility Relocation from Flame Vine Ave. to Bryan Dairy Road	Pinellas County Public Works Department has a roadway and drainage improvement project along Starkey Road from Flame Vine Road to Bryan Dairy Road (Approximately 1.50 miles of proposed improvements).	3,300,000	300,000	3,035,000	3,410,000	-	-	-	-	6,745,000	
002086B-Huston Lane / Pinecrest Dr. Water Line Relocation	The relocation and improvements to the water lines in conjunction with the Huston Lane and Pinecrest Dr. Roadway and Drainage Improvements.	75,000	-	75,000	-	-	-	-	-	75,000	
002109B-Whitney Rd- Wolford Rd Intersection Water Imp	Joint participation agreement with the City of Largo for the replacement of 8" and 6" water main due to roadway/drainage improvements.	130,000	10,000	250,000	-	-	-	-	-	260,000	
002227B-Rena Dr. Drainage Relocation of Water Mains	The relocation of water mains in conjunction with the Rena Dr. Drainage improvement project.	150,000	-	-	-	-	-	-	-	-	

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002232B-Indian Rocks Road Sidewalk Improvements Phase 2B From Church Creek to 8th Avenue SW - Utilities Relocations	The relocation of water mains and adjustments to sewer in conjunction with the Indian Rocks Road Sidewalk Phase 2B and minor drainage improvements.	35,000	15,000	60,000	-	-	-	-	-	75,000		
002627A-FDOT- Gateway Projects Utility Relocation	FDOT Improvements to major transportation corridors in the Pinellas Gateway Corridor.	203,000	250,000	-	-	-	-	-	-	250,000		
002690B-Utility Relocation 62nd St @ 142nd Ave	Relocation and adjustment of PCU water infrastructure in association with PW intersection and drainage improvements	45,000										
002785A-Blind Pass Road from Gulf Blvd to 75th Ave- JPA with City of St. Pete Beach	Water transmission and distribution main relocation due to municipality improvements.	156,000	208,000	-	-	-	-	-	-	208,000		
003320C-Ridge Rd. Water & Sewer Relocations and Adjustments	Relocation & adjustment of water mains/Replacement of VC sewer with PVC in association with PW proposed storm water improvement locations.	60,000	66,000	-	-	-	-	-	-	66,000		
003562A-Myrtle Ave Water Main Replacement	Water main replacement and relocation at Myrtle Ave.	148,000	-	148,000	-	-	-	-	-	148,000		
003748A-Gulf Blvd. Relocations @ the Narrows	Utility Work by Contractor Agreement for the relocation of water, sewer and reclaimed water lines in conjunction with the FDOT's additional drainage improvements along the Gulf Blvd. Narrows	3,893,400	4,062,000	-	-	-	-	-	-	4,062,000		
004017A-Water Main Improvements at Alt. U.S. 19 to Omaha St., Delaware Ave. to Nebraska Ave	Pinellas County proposes to replace eight to ten blocks of residential water mains in the area of New York Ave and Alt19.	1,762,000	1,218,000	-	-	-	-	-	-	1,218,000		
004071A-Rosery Road Phase I Water Main Relocation from Pinellas Trail to Missouri Avenue	Interlocal agreement with the City of Largo to relocate water main owned by Pinellas County that are in conflict with the City of Largo's proposed road and drainage improvement projects.	1,407,000	1,453,000	-	-	-	-	-	-	1,453,000		
004450A-Dolphin Drive Utility Relocation for City of Belleair Bluffs Roadway Improvements	The City of Belleair Bluffs has a roadway and drainage improvement project at Dolphin Drive. Existing water and sewer lines are in conflict with the City's proposed improvements and must be moved.	236,000	232,500	-	-	-	-	-	-	232,500		
004353A-Replacement of the 10 Inch Water Main Subaqueous Crossing along 27th Ave and N. Tessier Drive	Replacement of the old existing 10 inch cast iron water main subaqueous crossing along 27th Ave and N. Tessier Drive. The existing 10" water main is very old, deteriorating and exposed to harsh saltwater environment.	1,150,000	1,150,000	-	-	-	-	-	-	1,150,000		
004463A-Crystal Island Utility Relocations	Interlocal agreement for the relocation and replacement of water lines, sewer lines, reclaimed water lines, force mains, services, laterals, fire hydrants and AMR water meters as a result of the City of Madeira Beach road improvement projects.	1,035,000	823,000	-	-	-	-	-	-	823,000		
004572A-Marlin Drive Utility Relocation for City of Belleair Bluffs Roadway Improvements	The City of Belleair Bluffs has a roadway and drainage improvement project at Marlin Drive from Belmar to . Existing water and sewer lines are in conflict with the City's proposed improvements and must be moved.	332,000	54,000	110,000	-	-	-	-	-	164,000		
004573A-Pass A Grille Way and Gulf Way from 9th Ave. to 22nd Ave Water Improvement Project	The project will include relocating the pipe to the main streets, replace the cast iron pipe, galvanized pipes, new service lines, new Automatic Meter Readers (AMR),and additional fire hydrants for public safety.	1,541,000	140,000	200,000	1,700,000	-	-	-	-	2,040,000		
004574A-FDOT Utility Relocation US 19 From CR 95 to Pine	The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from County Road 95 to Pine Ridge Way S.	7,500	7,500	22,500	22,500	11,300	1,007,500	3,500,000	2,500,000	7,071,300		
004575A-FDOT Utility Relocation US 19 from Nebraska Av to Timberlane Rd 433797-1	The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from Nebraska A. to Timberline Rd	7,500	7,500	22,500	22,500	11,300	2,507,500	2,625,000	2,250,000	7,446,300		
004576A-FDOT Utility Relocation US 19 from Timberlane Rd. to Lake St. 433796-1	The relocation of water, sewer and reclaimed water lines to facilitate the FDOT's roadway improvements along US 19 from Timberlane Rd. to Lake St.	7,500	7,500	22,500	22,500	11,300	3,800	1,500,000	3,500,000	5,067,600		

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004090B-Cycle Springs Water Main Pipe Relocation	The utilities portion consists of abandoning an existing 4" DIP do to the installation of new storm pipe and structures and installing approximately 600' of new 6" PVC waterline along Highland Acres.	-	70,000	40,000	-	-	-	-	-	110,000	
001333B-North Highland Avenue Water and Sewer Improvements Phase I	Replace and relocate water and sewer lines, new service connections and fire projection.	-	-	90,000	39,000	-	-	-	-	129,000	
New Project - Vina Del Mar Water Main	To replace old and deteriorating cast iron pipes, galvanized pipes that are currently exposed to harsh saltwater environment. To install additional fire hydrants for public safety and permanent blow offs for water quality improvements.	-	100,000	1,700,000	1,200,000	-	-	-	-	3,000,000	
New Project - 127th Place Water Main City of Largo	To replace and relocate our old existing water main that will be in conflict with the Roadway Improvements along 127th Place, 127th Ave, 122nd Ave, 103rd and 104th St. N.	-	100,000	600,000	900,000	-	-	-	-	1,600,000	
Total Relocation Projects		22,460,900	13,127,000	10,097,500	11,930,500	2,133,900	4,818,800	8,125,000	8,750,000	58,982,700	
Water Pumps											
001525A-Future Supply & Treatment Projects	Implementations of recommendations from the Water System Master Plan	-	-	-	-	2,000,000	10,000,000	7,000,000	6,000,000	25,000,000	
001528A-Future Relocations and System Upgrades	Pipeline relocations and system upgrades.	-	-	-	-	2,000,000	2,000,000	3,000,000	3,000,000	10,000,000	
002150A-Gulf Beach Pump Station Upgrades	Design and construction of an update of the facility including new pumping equipment and controls to meet future water system needs.	-	-	500,000	1,250,000	3,250,000	-	-	-	5,000,000	
002151A-Capri Isle Pump Station Upgrades	Design and construction of an update of the facility including new pumping equipment and controls to meet future water system needs.	1,380,000	1,423,000	-	-	-	-	-	-	1,423,000	
003764A-Water Ground Storage Tank Rehabilitation	Rehabilitation of 8-Water Ground Storage Tanks within the Pinellas County Utilities Water System. 2 - Rehabilitations will be done per year over 4 years.	300,000	320,000	190,000	-	-	-	-	-	510,000	
003770A-Belcher Road 12" Water Main from Innisbrook Drive to Glen Eagles	Construct approximately 800 feet of 12" PVC water main along Belcher Road from Innisbrook Drive to Glen Eagles Parkway.	-	1,200	-	-	-	-	-	-	1,200	
004356A-North Water Booster Station Variable Frequency Drive Modifications	Removal and replacement of existing medium voltage variable frequency drives, soft starts, instrumentation and control with associated Supervisory Control and Data Acquisition modifications.	808,000	200,000	560,000	2,192,000	-	-	-	-	2,952,000	
004521A-PC Criminal Justice Center (Courts & Jail) 12" Water Meter Assembly	Install a 12" electronic mag meter and the backflow prevention assemblies north of 140th Ave, on the west side of the south entrance driveway. This is the main line supplying the complex from the south	195,000	190,000	-	-	-	-	-	-	190,000	
003768A-Potable Water Meter Vault Rehabilitation	There is a total of 20 underground vaults in the water system. Inside these vaults are Pipelines, Ladders Flow meters that need to be rehabilitated	355,000	355,000	300,000	-	-	-	-	-	655,000	
Total Water Pump Projects		3,038,000	2,489,200	1,550,000	3,442,000	7,250,000	12,000,000	10,000,000	9,000,000	45,731,200	
Meter											
001601A-Water Meter Replacement	Water Meter Replacement.	1,500,000	1,376,000	12,795,000	12,802,000	12,809,000	-	-	-	39,782,000	
Total Meter Project		1,500,000	1,376,000	12,795,000	12,802,000	12,809,000	-	-	-	39,782,000	
Keller Projects											
004355A-S. K. Keller Polyphosphate Building Process Upgrades	This project will involve an entire retrofit and rehabilitation of the Polyphosphate Building located at the S.K. Keller Water Plant	598,000	60,000	900,000	350,000	-	-	-	-	1,310,000	

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Total Keller Project		598,000	60,000	900,000	350,000	-	-	-	-	1,310,000	
SCADA and Facilities Projects										-	
000744A-Miscellaneous Improvements	Annual program devoted to rehabilitating or upgrading Utility owned buildings or structures as prioritized or needed.	420,400	53,000	516,000	724,000	9,000	-	-	-	1,302,000	
001057A-General Upgrades to Supervisory Control and Data Acquisition (SCADA)	Annual program to upgrade technology and equipment in support of the utility SCADA system.	44,000	37,200	18,000	-	78,000	8,000	-	-	141,200	
001283A-Replanting of Pine Seedlings @ Cross Bar Ranch	Replanting of pine seedlings at Cross Bar Ranch after timber harvest. Work includes herbicide pretreatment, spot rake and pile burn, purchase of pine seedlings, scalp and planting, post herbicide treatment, post fertilization, and post mowing.	271,500	195,000	150,000	30,000	30,000	30,000	30,000	30,000	495,000	
002149A-Logan Laboratory Improvements	Hurricane-hardened Water & Sewer System Monitoring & Administration Building to replace the aging facility currently sharing the Logan Pump Station building.	255,400	432,000	539,000	1,848,000	1,852,000	309,000	-	-	4,980,000	
003763A-Utilities Facilities Security	Security systems including cameras, gates, fences, locking mechanisms, etc.	100,000	43,000	50,000	100,000	100,000	100,000	100,000	100,000	593,000	
003767A-Water Facilities Annual Improvements	Annual R&R fund to make Capital Improvements for the Water System.	129,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	700,000	
004578A-Building Hardening - General Maintenance Building South	The General Maintenance Building South recently was evaluated as to how much wind resistance the structure can carry. Results of the study is that there is insufficient wind resistance capacity in this building.	325,000	55,000	832,000	-	-	-	-	-	887,000	
		1,545,300	915,200	2,205,000	2,802,000	2,169,000	547,000	230,000	230,000	9,098,200	
Total Water CIP		29,142,200	17,967,400	27,547,500	31,326,500	24,361,900	17,365,800	18,355,000	17,980,000	154,904,100	