



## LEGISLATIVE MEMORANDUM

**TO:** Honorable Mayor and Members of the City Council

**FROM:** Suzanne Sherman, City Manager

**THRU:** Larry Wojciechowski, Finance Director

**DATE:** 9/22/2021

**RE:** Resolution 2021-53, adopting the Five-Year Capital Improvements Program for Fiscal Years 2021-2022 through 2025-2026.

The proposed FY 2022 Five-Year Capital Improvements Program (CIP) reflects projects that have been previously submitted for Council's review on July 27, 2021, except for the following modifications that have occurred after the FY 2022 Proposed Budget was distributed:

### American Rescue Plan Fund (128)

The following two (2) projects were authorized to utilize ARPA funding per City Council's direction at the Budget Workshop held on 08/03/2021:

- A \$2,000,000 contribution towards the construction of Building E (project 20BD01) on the City Hall campus.
- \$2,000,000 towards the replacement of the City's financial system (project 22IT01).

### **REQUESTING DEPARTMENT:**

Finance

### **FISCAL IMPACT:**

Please refer to the FY 2022 CIP Project Detail Summary attached for fiscal impacts.

### **RECOMMENDATION:**

Motion to adopt, by Resolution, the FY 2022 Five-Year Capital Improvements Program (CIP).

### **ATTACHMENTS:**

#### **Description**

Resolution 2021-53

## RESOLUTION 2021-53

**A RESOLUTION OF THE CITY OF PALM BAY, BREVARD COUNTY, FLORIDA, ADOPTING THE FIVE-YEAR CAPITAL IMPROVEMENT PLAN FOR THE FISCAL YEARS 2021-2022 THROUGH 2025-2026 FOR THE CITY OF PALM BAY, FLORIDA; PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, the City Manager has prepared the Five-Year Capital Improvement Plan for the City for Fiscal Years 2021-2022 through 2025-2026, and

**WHEREAS**, the City Council has reviewed the Five-Year Capital Improvement Plan for Fiscal Years 2021-2022 through 2025-2026 and has determined that it is in the interest of the health, safety, and welfare of the citizens of Palm Bay to adopt the Plan.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF PALM BAY, BREVARD COUNTY, FLORIDA**, as follows:

**SECTION 1.** The City Council of the City of Palm Bay hereby adopts the Five-Year Capital Improvement Plan for Fiscal Years 2021-2022 through 2025-2026 for the City of Palm Bay budget, which is, by reference, incorporated herein as Exhibit A.

**SECTION 2.** All resolutions or parts of resolutions in conflict herewith are hereby superseded and rescinded.

**SECTION 3.** The provisions within this resolution shall take effect on October 1, 2021.

This resolution was duly enacted at Meeting 2021-XX, of the City Council of the City of Palm Bay, Brevard County, Florida, held on \_\_\_\_\_, 2021.

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Rob Medina, MAYOR

ATTEST:

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Terese M. Jones, CITY CLERK

City of Palm Bay, Florida - FY 2022 Five-Year Capital Improvements Program (CIP) Summary											
Utility Department											
Fund	Account	Department	Project No.	Project Name	Funding Source	SCHEDULE OF ESTIMATED EXPENDITURES					Total
						FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2022-FY 2026
UTILITIES											
421	421-8011-536-6201	Utilities	20BD01	Building E Construction	UTO	1,590,800					1,590,800
421	421-8012-536-6401	Utilities	N/A	New Forklift for Warehouse	UTO	35,000					35,000
421	421-8013-536-6407	Utilities	22WS03	Upgrade Microsoft SQL Software	UTO	6,939					6,939
421	421-8013-536-6407	Utilities	22WS06	1 Terabyte Server Storage	UTO	8,000					8,000
421	421-8014-536-6403	Utilities	N/A	Vehicle & Equipment Replacement	UTO	49,000					49,000
421	421-8016-536-6403	Utilities	N/A	Addt'l Field Service Rep / Vehicle	UTO	24,245					24,245
421	421-8020-533-6322	Utilities	N/A	Meter Services - New Installations	UTO	485,000	495,000	505,000	515,000	525,000	2,525,000
421	421-8020-533-6401	Utilities	N/A	Mobile Pump Package (6-inch)	UTO	42,000					42,000
421	421-8020-533-6401	Utilities	N/A	Valve Insertion Equipment	UTO	125,000					125,000
421	421-8020-533-6401	Utilities	N/A	Vehicle & Equipment Replacement	UTO	25,000					25,000
421	421-8020-533-6403	Utilities	N/A	Vehicle & Equipment Replacement	UTO	150,000					150,000
421	421-8020-533-6404	Utilities	N/A	Vehicle & Equipment Replacement	UTO	80,000					80,000
421	421-8023-533-6221	Utilities	22WS02	SRWTP Cover for Antiscalant & Orthophosphate Chemicals	UTO	50,000					50,000
421	421-8023-533-6221	Utilities	22WS09	SRWTP Spare Chemical Feed Pumps	UTO	20,000					20,000
421	421-8023-533-6301	Utilities	22WS13	SRWTP Deep Injection Well Road	UTO	70,000	520,000				590,000
421	421-8023-533-6401	Utilities	N/A	Gator Vehicle for South Regional Water Treatment Plant	UTO	10,000					10,000
421	421-8023-533-6407	Utilities	21WS02	SRWTP SCADA Upgrade	UTO	60,000					60,000
421	421-8024-533-6403	Utilities	N/A	Vehicle & Equipment Replacement	UTO	49,000					49,000
421	421-8024-533-6407	Utilities	22WS08	Well SCADA Upgrades	UTO	21,500					21,500
421	421-8030-535-6325	Utilities	22WS01	SRWRF-NRWRF Diversion Valves	UTO	30,000					30,000
421	421-8030-535-6325	Utilities	22WS07	Smart Cover - Subsonic Manhole Covers	UTO	42,520					42,520
421	421-8030-535-6327	Utilities	22WS05	Permanent Bypass Pump - Critical Waterfront Lift Stations	UTO	300,000	450,000	450,000			1,200,000
421	421-8030-535-6401	Utilities	N/A	Groundwater Dewatering Wellpoint System	UTO	6,500					6,500
421	421-8030-535-6403	Utilities	N/A	Vehicle & Equipment Replacement	UTO	98,000					98,000
421	421-8030-535-6404	Utilities	N/A	Vehicle & Equipment Replacement	UTO	80,000					80,000
421	421-8030-535-6407	Utilities	22WS11	WIN911 SCADA Call Outs	UTO	22,000					22,000
421	421-8033-535-6211	Utilities	N/A	SRWRF Capital Needs	UTO	8,000					8,000
421	421-8033-535-6301	Utilities	N/A	SRWRF Capital Needs	UTO	10,000					10,000
421	421-8033-535-6401	Utilities	N/A	SRWRF Capital Needs	UTO	40,500					40,500
421	421-8033-535-6403	Utilities	N/A	SRWRF Capital Needs	UTO	55,000					55,000
421	421-8034-535-6221	Utilities	22WS04	NRWWTP Sewage Dewatering Facility	UTO	87,000	1,555,000				1,642,000
421	421-8034-535-6221	Utilities	22WS12	Deep Injection Well TSS Meter	UTO	5,500					5,500
421	421-8034-535-6325	Utilities	21WS03	NRWRF Substd Force Main & Substd Tank Demo	UTO	50,000					50,000
421	421-8034-535-6401	Utilities	N/A	Laboratory Spectrophotometer	UTO	5,000					5,000
421	421-8034-535-6403	Utilities	N/A	Vehicle & Equipment Replacement	UTO	49,000					49,000
421	421-8034-535-6407	Utilities	22WS10	NRWWTP Headworks SCADA	UTO	6,480					6,480
						3,796,984	3,020,000	955,000	515,000	525,000	• 3,916,984
423	423-8021-533-6324	Utilities	22WS15	Water Main Extension - Osmosis to DeGroodt	WA-CONN	191,000					191,000
423	423-8031-535-6221	Utilities	22WS14	SRWRF Expansion - 1 MG to 2 MG	WA-CONN	35,000	12,100,000				12,135,000
423	423-8031-535-6325	Utilities	22WS16	Force Main Extension - Osmosis to DeGroodt	WA-CONN	11,000	370,000				381,000
						237,000	12,470,000	0	0	0	12,707,000
424	424-8022-533-6221	Utilities	19WS07	NRWTP CO2 System	UTRR	763,760					763,760
424	424-8022-533-6221	Utilities	19WS08	NRWTP Sodium Hypochlorite Pump Skid Replc	UTRR	160,000					160,000
424	424-8022-533-6221	Utilities	21WS14	North Regional RO Plant Rehabilitation	UTRR	885,000	15,000,000				15,885,000

City of Palm Bay, Florida - FY 2022 Five-Year Capital Improvements Program (CIP) Summary											
Utility Department											
Fund	Account	Department	Project No.	Project Name	Funding Source	SCHEDULE OF ESTIMATED EXPENDITURES					Total
						FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2022-FY 2026
424	424-8022-533-6221	Utilities	22WS17	NRWTP Fluoride System Replacement	UTRR	177,792					177,792
424	424-8022-533-6221	Utilities	22WS18	SRWTP Fluoride System Replacement	UTRR	170,628					170,628
424	424-8022-533-6221	Utilities	22WS20	SRWTP Micron Filter Lines Rehabilitation	UTRR	39,000					39,000
424	424-8022-533-6322	Utilities	N/A	Meter Services - Meter Replacements	UTRR	275,000	285,000	295,000	305,000	315,000	1,475,000
424	424-8022-533-6324	Utilities	19WS02	Public Works Utility Relocation Projects	UTRR	187,500	150,000	150,000	150,000		637,500
424	424-8022-533-6324	Utilities	22WS24	AFD Installation and Replacement Program	UTRR	150,000	150,000	150,000	150,000	150,000	750,000
424	424-8032-535-6221	Utilities	22WS25	NRWRF Blower Optimization	UTRR	69,000	624,000				693,000
424	424-8032-535-6325	Utilities	19WS02	Public Works Utility Relocation Projects	UTRR	62,500	50,000	50,000	50,000		212,500
424	424-8032-535-6325	Utilities	20WS11	Sanitary Sewer Lining Program	UTRR	500,000	500,000	500,000	500,000	500,000	2,500,000
424	424-8032-535-6325	Utilities	21WS06	Replace PM Unit 55 Sanitary Sewer Pumping Systems	UTRR	385,000					385,000
424	424-8032-535-6325	Utilities	21WS07	Sewer System Repair-Replacement	UTRR	330,000	363,000	399,300	439,230	483,153	2,014,683
424	424-8032-535-6325	Utilities	22WS21	Lift Station #5 Relocation	UTRR	40,564	346,150				386,714
424	424-8032-535-6327	Utilities	17WS23	Lift Station #1 Relocation	UTRR	1,200,000					1,200,000
424	424-8032-535-6327	Utilities	18WS10	Lift Stations RTU Replacement Program	UTRR	210,000	230,000	250,000	270,000	290,000	1,250,000
424	424-8032-535-6327	Utilities	18WS21	Lift Station Rehabilitation Program	UTRR	188,393	198,082	207,523	217,899	228,794	1,040,691
424	424-8032-535-6327	Utilities	22WS21	Lift Station #5 Rehabilitation Project	UTRR	139,436	1,158,850				1,298,286
424	424-8032-535-6327	Utilities	22WS22	Lift Station #2 Rehabilitation Project	UTRR	125,000					125,000
424	424-8032-535-6327	Utilities	22WS23	Lift Station #27 Rehabilitation Project	UTRR	100,000					100,000
						6,158,573	19,055,082	2,001,823	2,082,129	1,966,947	31,264,554
425	425-8021-533-6324	Utilities	22WS26	Malabar Road Extension (Weber to Corey)	MLE	64,650	640,000				704,650
425	425-8021-533-6324	Utilities	22WS27	Water Main Loop on Eldron Boulevard SE	MLE	204,172					204,172
						268,822	640,000	0	0	0	908,822
				TOTAL UTILITY		10,461,379	35,185,082	2,956,823	2,597,129	2,491,947	53,692,360
FY 2022 - FY 2026 Utilities Additional (Informational Purposes Only)											
421	N/A	Utilities	19WS12	NRWTP Sludge Handling	UTO/Fund Balance		1,475,000				1,475,000
421	N/A	Utilities	20WS01	NRWWTP Emergency Pond Lining System	UTO/Fund Balance		325,000				325,000
421	N/A	Utilities		Sewer Cleaning Truck #2	UTO/Fund Balance		430,000				430,000
421	N/A	Utilities		Replace Portable/Towable Generators	UTO/Fund Balance		215,193				215,193
421	N/A	Utilities	TBD	NRWRF Reclaimed Water MLE Program	UTO/Fund Balance		500,000	650,000	650,000		1,800,000
421	N/A	Utilities	TBD	NRWTP Pneumatic (Air) System Conversion	UTO/Fund Balance		500,000				500,000
421	N/A	Utilities	TBD	SRWRF Reclaimed Water MLE	UTO/Fund Balance		383,000	3,962,857			4,345,857
421	N/A	Utilities		Crane Truck for Lift Station Crew	UTO/Fund Balance		125,000				125,000
421	N/A	Utilities	TBD	Demo & Rebuild NR Administration Building	UTO/Fund Balance		300,000	1,500,000			1,800,000
421	N/A	Utilities	TBD	Sandy Pines Reclaimed Meters	UTO/Fund Balance		100,000				100,000
421	N/A	Utilities	TBD	SRWRF Sludge Dewatering Facility	UTO/Fund Balance		200,000	3,500,000			3,700,000
		Utilities				0	3,078,193	9,612,857	650,000	0	14,816,050
		Utilities									
423	N/A	Utilities	TBD	Additional 2.0 MG Ground Storage Tank at SRWTP Expansion	WA-CONN/Fund Balance			1,870,000			1,870,000
423	N/A	Utilities	TBD	Additional High Service Pumps at SRWTP for New Storage Tank	WA-CONN/Fund Balance			330,000			330,000
423	N/A	Utilities	TBD	One New Floridan Supply Well for SRWTP Expansion - 2.54 MGD	WA-CONN/Fund Balance			550,000			550,000
423	N/A	Utilities	TBD	12" Loop on Malabar Rd (U.S. 1-Weber) for Town of Malabar Development	WA-CONN/Fund Balance			1,338,843			1,338,843
423	N/A	Utilities	TBD	SRWRF Expansion - 2 MG to 6 MG	WA-CONN/Debt			0	40,000,000		40,000,000
						0	0	4,088,843	40,000,000	0	44,088,843

City of Palm Bay, Florida - FY 2022 Five-Year Capital Improvements Program (CIP) Summary											
Utility Department											
Fund	Account	Department	Project No.	Project Name	Funding Source	SCHEDULE OF ESTIMATED EXPENDITURES					Total
						FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2022-FY 2026
424	N/A	Utilities	19WS06	Water Valve Replacement Program	UTRR/Fund Balance		214,974	247,220	236,000	284,303	982,497
424	N/A	Utilities	21WS12	NRWTP Treatment Unit #3	UTRR/Fund Balance		2,075,000				2,075,000
424	N/A	Utilities	21WS15	NRWTP 1.0 MG Ground Storage Tank Rehab	UTRR/Fund Balance		485,000				485,000
424	N/A	Utilities	21WS18	Dual Check Replacement Program	UTRR/Fund Balance		174,570	200,756	230,869	265,499	871,693
424	N/A	Utilities	19WS13	Fire Hydrant Replacements	UTRR/Fund Balance		371,500	424,750	485,988	556,411	1,838,648
424	N/A	Utilities	18WS08	ARV Upgrade Program	UTRR/Fund Balance		100,000	100,000	100,000	100,000	400,000
424	N/A	Utilities	18WS11	Lift Station Electrical Panel Replacement Program	UTRR/Fund Balance		174,215	174,215	174,215	174,215	696,860
424	N/A	Utilities	TBD	NRWRF AquaDisk Disk Filter Phase 2 (3rd Filter)	UTRR/Fund Balance		500,000				500,000
424	N/A	Utilities	TBD	Replace Existing 8" with 12" on U.S. 1 (Anglers-Breezy Palms RV Park)	UTRR/Fund Balance		510,400				510,400
424	N/A	Utilities	15WS03	Babcock Street WM/FM Upgrades (FDOT - Malabar to PBR)	UTRR/Fund Balance		0	2,500,000			2,500,000
						0	4,605,659	3,646,941	1,227,071	1,380,428	10,860,099
425	N/A	Utilities	TBD	Miscellaneous System-wide Looping Projects	MLE/Fund Balance		59,016				59,016
425	N/A	Utilities	TBD	6" Loop on Devonwood to Eldron (North of Bayside Lakes)	MLE/Fund Balance		50,243				50,243
						0	109,259	0	0	0	109,259
433	N/A	Utilities	21WS14	North Regional RO Plant Rehabilitation	SRF		15,000,000				15,000,000
433	N/A	Utilities	22WS14	SRWRF Expansion - 1 MG to 2 MG	SRF		11,600,000				11,600,000
433	N/A	Utilities	TBD	SRWTP Expansion - 6 MG to 10 MG	SRF		0	12,000,000			12,000,000
						0	26,600,000	12,000,000	0	0	38,600,000
				TOTAL UTILITIES - ADDITIONAL		0	34,393,111	29,348,641	41,877,071	1,380,428	108,474,251
				TOTAL UTILITIES - ALL PROJECTS		10,461,379	69,578,193	32,305,464	44,474,200	3,872,375	162,166,611

City of Palm Bay, Florida - FY 2022 Five-Year Capital Improvements Program (CIP) Summary											
Non-Utility Departments											
Fund	Account	Department	Project No.	Project Name	Funding Source	SCHEDULE OF ESTIMATED EXPENDITURES					Total
						FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2022-FY 2026
Building											
451	451-3120-524-6201	Building	20BD01	Building E Construction	BLDG	6,012,727					6,012,727
451	451-3120-524-6403	Building		Building Insp. Vehicle	BLDG	58,358					58,358
						6,071,085	0	0	0	0	6,071,085
Community & Economic Development (C&ED)											
128	128-3414-559-62-01	C&ED	20BD01	Building E Construction	ARPA	2,000,000					2,000,000
128	128-3414-559-64-07	C&ED	22IT01	Financial System Replacement	ARPA	2,000,000					2,000,000
						4,000,000	0	0	0	0	4,000,000
Public Works											
461	461-7084-541-6309	Public Works	22SU01	Cured in Place Pipe - Multi locations	SWU	1,000,000					1,000,000
461	461-7084-541-6309	Public Works	22SU02	Walden @ C-42 Culvert Replacement	SWU	364,572					364,572
461	461-7084-541-6309	Public Works	22SU03	Ferguson @ C-9 Culvert Replacement - Bridge	SWU	500,000					500,000
461	461-7084-541-6309	Public Works	22SU05	Unit 30 and Portion of Unit 49 Pipe Replacement	SWU	427,017					427,017
461	461-7084-541-6309	Public Works	22SU06	Unit 22 Pipe Replacement	SWU	281,424					281,424
461	461-7084-541-6401	Public Works	N/A	Mower Max with 26 ft Boom Arm	SWU	217,925					217,925
461	461-7084-541-6404	Public Works	N/A	Tractor with Boom Ditcher Head	SWU	175,724					175,724
461	461-7084-541-6404	Public Works	N/A	M315F Caterpillar Excavator	SWU	227,938					227,938
						3,194,600	0	0	0	0	3,194,600
				TOTAL NON-UTILITY DEPARTMENTS ONLY		13,265,685	0	0	0	0	13,265,685
				TOTAL NON-UTILITY DEPARTMENTS ONLY - ADDITIONAL		0	0	0	0	0	0
				COMBINED TOTAL , NON-UTILITY & NON-UTILITY - ADDITIONAL		13,265,685	0	0	0	0	13,265,685
				GRAND TOTAL UTILITIES, NON-UTILITY & NON-UTILITY ADDITIONAL		23,727,064	69,578,193	32,305,464	44,474,200	3,872,375	175,432,296