



LEGISLATIVE MEMORANDUM

TO: Honorable Mayor and Members of the City Council

FROM: Suzanne Sherman, Acting City Manager

THRU: Yvonne McDonald, Finance Director

DATE: 9/23/2020

RE: Resolution 2020-50, adopting the Five-Year Capital Improvement Plan for Fiscal Years 2020-2021 through 2024-2025.

The proposed FY 2021 Five-Year Capital Improvements Program (CIP) reflects projects that have been previously submitted for Council's review on July 23, 2020, except for the following modifications that have occurred after the FY 2021 Proposed Budget was distributed:

General Fund (001)

- Information Technology Department's Storage Area Network Replacement Equipment, totaling \$94,000, has been removed and will be addressed with departmental expenditure savings.

Utility Operating Fund (421)

- Machinery, equipment and vehicle needs totaling \$50,000 to support one (1) additional Line Location Technician FTE position to meet the demands of the economy and multiple City projects to locate utilities in accordance to Sunshine 811 requirements.

REQUESTING DEPARTMENT:

Finance

FISCAL IMPACT:

Please refer to attachment Exhibit A - FY 2021 CIP Project Detail Summary.

RECOMMENDATION:

Motion to Adopt, by Resolution, the FY 2021 Five-Year Capital Improvements Program (CIP).

ATTACHMENTS:

Description

Resolution 2020-50

Resolution 2020-50 Exhibit A

RESOLUTION 2020-50

A RESOLUTION OF THE CITY OF PALM BAY, BREVARD COUNTY, FLORIDA, ADOPTING THE FIVE-YEAR CAPITAL IMPROVEMENT PLAN FOR THE FISCAL YEARS 2020-2021 THROUGH 2024-2025 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 2020-2021 through 2024-2025, and

WHEREAS, the City Council has reviewed the Five-Year Capital Improvement Plan for Fiscal Years 2020-2021 through 2024-2025 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 2020-2021 through 2024-2025 for the City of Palm Bay budget, which is, by reference, incorporated herein as Exhibit "A".

SECTION 2. The provisions within this resolution shall take effect on October 1, 2020.

This resolution was duly enacted at Meeting 2020- , of the City Council of the City of Palm Bay, Brevard County, Florida, held on , 2020.

William Capote, MAYOR

ATTEST:

Terese M. Jones, CITY CLERK

City of Palm Bay, Florida - FY 2021 Five-Year Capital Improvements Program (CIP) Summary											
Utility Department											
Fund	Account	Department	Project No.	Project Name	Funding Source	SCHEDULE OF ESTIMATED EXPENDITURES					Total
						FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-FY 2025
UTILITIES											
421	421-8011-536-6201	Utilities	21WS05	Utilities Customer Care Building - Architectural/ Design	UTO	150,000	1,500,000				1,650,000
421	421-8014-536-6323	Utilities	21WS04	Perimeter Fencing at NR Aggregate Field	UTO	13,334					13,334
421	421-8014-536-6403	Utilities		New Vehicles - Utilities Department	UTO	29,000					29,000
421	421-8017-536-6401	Utilities		Line Location Technician - Machinery & Equipment	UTO	30,000					30,000
421	421-8017-536-6403	Utilities		Line Location Technician - Vehicle	UTO	20,000					20,000
421	421-8020-533-6322	Utilities		Meter Services - New Installations	UTO	405,000	415,000	420,000	425,000	430,000	2,095,000
421	421-8020-533-6403	Utilities		Vehicle Replacement - Nissan NV 200 S	UTO	22,850					
421	421-8020-533-6403	Utilities		Equipment Replacement - Eager Beaver B8-DOW Flat Bed Trailer	UTO	12,500					
421	421-8020-533-6403	Utilities		New Vehicles - Utilities Department	UTO	31,000					
421	421-8020-533-6323	Utilities	21WS04	Perimeter Fencing at NR Aggregate Field	UTO	13,333					
421	421-8023-533-6407	Utilities	21WS02	SRWTP SCADA Upgrade	UTO	100,000					100,000
421	421-8024-533-6301	Utilities	21WS01	Perimeter Lighting at NRWTP	UTO	12,000					12,000
421	421-8030-535-6323	Utilities	21WS04	Perimeter Fencing at NR Aggregate Field	UTO	13,333					
421	421-8030-535-6401	Utilities		Equipment Replacement - Wacker Neuson 20" 9hp Compactor BPU3050A	UTO	5,500					
421	421-8030-535-6403	Utilities		Towmaster T-24 Deck-Over Trailer	UTO	22,000					
421	421-8030-535-6404	Utilities		Vehicle Replacement - Camera Truck	UTO	177,695					177,695
421	421-8030-535-6404	Utilities		Equipment Replacement - Caterpillar 430F2 IT Backhoe Loader	UTO	136,000					
421	421-8030-535-6404	Utilities		Vac-Con Truck Equipment Enhancements	UTO	20,000					
421	421-8034-535-6221	Utilities	17WS13	NRWWTP Clarifier 2 Construction	UTO	1,041,427					1,041,427
421	421-8034-535-6325	Utilities	21WS03	NRWRF Substandard Force Main (Construction, Engineering Services, Permitting)	UTO	701,500					701,500
421	421-8034-535-6401	Utilities		Vehicle Replacement - Club Car Tempo Electric	UTO	7,000					
						2,963,472	1,915,000	420,000	425,000	430,000	5,869,956
423	423-8021-533-6324	Utilities	21WS22	Eagle Rock Water Main Loop/Upgrade		6,340					6,340
						6,340	-	-	-	-	6,340
424	424-8022-533-6221	Utilities	19WS07	NRWTP CO2 System	UTRR	30,000	613,760				643,760
424	424-8022-533-6221	Utilities	19WS10	Nash High Service Pump/MCC Replacement	UTRR	350,000					350,000
424	424-8022-535-6221	Utilities	19WS11	NRWTP Lime Slaking Silo Replacement	UTRR	670,082					670,082
424	424-8022-533-6221	Utilities	21WS08	SRWTP Bleach Tank Replacement	UTRR	113,900					113,900
424	424-8022-533-6221	Utilities	21WS09	SRWTP Transfer Switch Replacement	UTRR	63,185					63,185
424	424-8022-533-6221	Utilities	21WS12	NRWTP Treatment Unit #3	UTRR	75,000	1,875,000				1,950,000
424	424-8022-533-6322	Utilities	21WS13	NRWTP Elevated Tank Rehabilitation	UTRR	250,000					250,000
424	424-8022-533-6221	Utilities	21WS14	North Regional RO Plant Rehabilitation	UTRR	350,000	12,000,000				12,350,000
424	424-8022-533-6221	Utilities	21WS15	NRWTP 1.0 MG Ground Storage Tank Rehab	UTRR	50,000	485,000				535,000
424	424-8022-533-6221	Utilities	21WS20	NRWTP Actuators on Clearwell Pumps Discharge	UTRR	50,000					50,000
424	424-8022-533-6221	Utilities	21WS21	South Regional Gutters/Downspouts Replacement	UTRR	11,400					11,400
424	424-8022-533-6322	Utilities		Meter Services - Meter Replacements	UTRR	250,000	250,000	250,000	250,000	250,000	1,250,000
424	424-8022-533-6322	Utilities	21WS16	Replace Large Meter Assemblies	UTRR	50,000					50,000
424	424-8022-533-6322	Utilities	21WS18	Dual Check Replacement Program	UTRR	151,800	151,800	151,800	151,800	151,800	759,000
424	424-8022-533-6324	Utilities	19WS06	Valve Replacement Program	UTRR	178,400	195,840	214,974	236,000	236,000	1,061,214
424	424-8022-533-6324	Utilities	21WS19	Turkey Creek to Port Malabar Boulevard WM Replacement	UTRR	220,000					220,000
424	424-8022-533-6324	Utilities	21WS22	Eaglerock Water Main Upgrade & Looping	UTRR	6,340					6,340
424	424-8032-535-6221	Utilities	18WS16	NRWWTP Grit System Rehabilitation	UTRR	661,000					661,000
424	424-8032-535-6221	Utilities	21WS11	NRWWTP Polymer Skid Replacement	UTRR	24,000					24,000
424	424-8032-535-6325	Utilities	20WS11	Sanitary Sewer Lining Program	UTRR	530,000	363,000	399,300	439,230	470,000	2,201,530

City of Palm Bay, Florida - FY 2021 Five-Year Capital Improvements Program (CIP) Summary

Utility Department											
Fund	Account	Department	Project No.	Project Name	Funding Source	SCHEDULE OF ESTIMATED EXPENDITURES					Total
						FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-FY 2025
424	424-8032-535-6325	Utilities	21WS06	Replace PM Unit 55 Sanitary Sewer Pumping Systems	UTRR	350,500					350,500
424	424-8032-535-6325	Utilities	21WS07	Sewer System Repair/Replacement	UTRR	300,000	330,000	363,000	399,300	439,230	1,831,530
424	424-8032-535-6325	Utilities	21WS10	Replace Force Main Crossings at Various Locations	UTRR	200,000					200,000
424	424-8032-535-6327	Utilities	21WS17	Lift Station #4 and Lift Station #41 Modifications	UTRR	125,000					125,000
424	424-8040-536-6211	Utilities	21WS21	South Regional Gutters/Downspouts Replacement	UTRR	23,520					23,520
						5,084,127	16,264,400	1,379,074	1,476,330	1,547,030	25,750,961
425	425-8021-533-6101		21WS22	Eaglerock Water Main Upgrade & Looping	MLE	10,000					10,000
425	425-8021-533-6324		21WS22	Eaglerock Water Main Upgrade & Looping	MLE	12,681					
						22,681	-	-	-	-	10,000
433	433-8031-535-62-21	Utilities	16WS05	South Regional Water Reclamation Facility	SRF	18,938,800					18,938,800
						18,938,800	-	-	-	-	18,938,800
				TOTAL UTILITIES		27,015,420	18,179,400	1,799,074	1,901,330	1,977,030	50,576,057
FY 2022 - FY 2025 Utilities Additional (Informational Purposes Only)											
421		Utilities		Sewer Cleaning Truck #2	UTO		400,000				400,000
421		Utilities		Replace Portable/Towable Generators	UTO		215,193				215,193
421		Utilities		Valve Installation Equipment	UTO		80,000				80,000
421		Utilities		Crane Truck for Lift Station Crew	UTO		125,000				125,000
421		Utilities		Demo & Rebuild NR Administration Building	UTO		300,000	1,500,000			1,800,000
421		Utilities		Sandy Pines Reclaimed Meters	UTO		100,000				100,000
421		Utilities		Permanent Bypass Pump - Critical Waterfront Lift Stations	UTO		900,000				900,000
421		Utilities	19WS01	Utility Land Needs	UTO		150,000	150,000			300,000
421		Utilities	20WS01	NRWWTP Emergency Pond Lining System	UTO		325,000				325,000
421		Utilities		NRWRF Reclaimed Water MLE Program	UTO		500,000	500,000	500,000		1,500,000
421		Utilities		Control Valve on 8" Inflow/Outflow Pipe to EST at NRWTP	UTO		13,200				13,200
421		Utilities		South Regional Customer Service Extension	UTO		20,000	80,000			100,000
421		Utilities		NRWTP Pneumatic (Air) System Conversion	UTO		500,000				500,000
421		Utilities		NRWWTP DAF Structure Demolition	UTO		200,000				200,000
421		Utilities		SRWRF Reclaimed Water MLE	UTO			2,000,000	2,000,000	2,000,000	6,000,000
421		Utilities		SRWRF Sludge Dewatering Facility	UTO			3,000,000			3,000,000
421		Utilities		NRWWTP Standby Clarifier Tank Demolition (2)	UTO				25,000		25,000
423		Utilities		SRWRF Expansion - 1 MG to 3 MG	WA-CONN			13,000,000			13,000,000
423		Utilities		Additional 2.0 MG Ground Storage Tank at SRWTP Expansion	WA-CONN				1,870,000		1,870,000
423		Utilities		Additional High Service Pumps at SRWTP for New Storage Tank	WA-CONN				330,000		330,000
423		Utilities		One New Floridan Supply Well for SRWTP Expansion - 2.54 MGD	WA-CONN				550,000		550,000
423		Utilities		12" Loop on Malabar Rd (U.S. 1-Weber) for Town of Malabar Development	WA-CONN				1,338,843		1,338,843
423		Utilities		16" Extension on Emerson (St. Johns Heritage-West of Amador) for Palm Vista Deve	WA-CONN				341,968		341,968
423		Utilities		16" Loop on St. Johns Heritage (Emerson-Malabar Rd) for Palm Vista & Palmer Deve	WA-CONN				1,559,272		1,559,272
423		Utilities		24" Loop on Cogan (Paigo-Babcock)	WA-CONN				2,641,320		2,641,320
423		Utilities		SRWRF Expansion - 3 MG to 6 MG	WA-CONN					40,000,000	40,000,000
424		Utilities	18WS21	Lift Station Valve Pit Elimination Program			165,375	173,644	182,326	182,326	703,671
424		Utilities	17WS23	Lift Station #1 Relocation			2,025,000				2,025,000
424		Utilities	19WS13	Fire Hydrant Replacements			173,875	182,144	190,826	200,000	746,845

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Utility Department											
Fund	Account	Department	Project No.	Project Name	Funding Source	SCHEDULE OF ESTIMATED EXPENDITURES					Total
						FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-FY 2025
424		Utilities		NRWTP Fluoride System Replacement			400,000				400,000
424		Utilities		SRWTP Fluoride System Replacement			300,000				300,000
424		Utilities	18WS08	ARV Upgrade Program			100,000	100,000	100,000	100,000	400,000
424		Utilities	18WS10	Lift Stations RTU Replacement Program			210,000	230,000	250,000	270,000	960,000
424		Utilities	18WS11	Lift Station Electrical Panel Replacement Program			165,919	174,215	174,215	174,215	688,564
424		Utilities	19WS02	Public Works Utility Relocation Projects			100,000	100,000	100,000	100,000	400,000
424		Utilities	19WS05	NRWRF AquaDisk Disk Filter Phase 2 (3rd Filter)			500,000				500,000
424		Utilities		NRWRF Blower Optimization			690,000				690,000
424		Utilities		Replace Existing 8" with 12" on U.S. 1 (Anglers-Breezy Palms RV Park)			510,400				510,400
424		Utilities	15WS03	Babcock Street WM/FM Upgrades (FDOT - Malabar to PBR)					2,500,000		2,500,000
425		Utilities		Miscellaneous System-wide Looping Projects			59,016				59,016
425		Utilities		Palm Bay Hospital Water Main Loop			504,000				504,000
425		Utilities		8" Loop on Eldron (Windbrook-Rabbit)			203,522				203,522
425		Utilities		6" Loop on Devonwood to Eldron (North of Bayside Lakes)				50,243			50,243
425		Utilities		8" Extension on Falls Church (West of DeGroodt) for Bayridge Development				134,618			134,618
425		Utilities		8" Extension South of Malabar Road for Sanibel Cove Development				107,822			107,822
433		Utilities		SRWTP Expansion - 6 MG to 10 MG					12,000,000		12,000,000
				TOTAL UTILITIES - ADDITIONAL		0	9,935,500	21,482,686	26,653,770	43,026,541	101,098,497
				TOTAL UTILITIES - ALL PROJECTS		27,015,420	28,114,900	23,281,760	28,555,100	45,003,571	151,674,554

City of Palm Bay, Florida - FY 2021 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 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-FY 2025
Public Works											
307	307-7090-541-6304	Public Works	21RD01	Road Rejuvenation	GF	1,170,735					1,170,735
Growth Management											
451	451-3320-524-6201	Growth Mgmt	20BD01	Building Department - New Building	BLDG	493,005	1,727,300				2,220,305
451	451-3320-524-6403	Growth Mgmt		Four (4) Building Inspector Vehicle Replacements	BLDG	84,000					84,000
451	451-3320-524-6403	Growth Mgmt		One (1) Code Compliance Inspector Vehicle	BLDG	21,000					21,000
451	451-3320-524-6412	Growth Mgmt		Plans Scanner/Printer	BLDG	31,086					31,086
Public Works											
461	461-7084-541-6309	Public Works	20SU17	Unit 2 Pipe Replacement	SWU	240,000					240,000
461	461-7084-541-6309	Public Works	20SU18	Unit 4 Pipe Replacement	SWU	280,000					280,000
461	461-7084-541-6309	Public Works	21SU01	Unit 17 Pipe Replacement	SWU	630,000					630,000
461	461-7084-541-6309	Public Works	21SU02	Unit 20 Pipe Replacement	SWU	488,000					488,000
461	461-7084-541-6309	Public Works	21SU03	Unit 26 Pipe Lining	SWU	361,000					361,000
461	461-7084-541-6309	Public Works	21SU04	Unit 39 Pipe Lining & Replcement	SWU	362,000					362,000
461	461-7084-541-6309	Public Works	21SU05	Unit 38 & 40 Pipe Lining	SWU	329,000					329,000
461	461-7084-541-6309	Public Works	21SU06	Port Malabar Pipe Replacement	SWU	51,000					51,000
461	461-7084-541-6309	Public Works	21SU07	Unit 27 Pipe Replacement	SWU	51,000					51,000
461	461-7084-541-6309	Public Works	21SU08	Unit 35 Pipe Replacement	SWU	51,000					51,000
461	461-7084-541-6309	Public Works	21SU09	Unit 43 Pipe Replacement	SWU	51,000					51,000
461	461-7084-541-6309	Public Works	21SU10	Unit 47 Pipe Replacement	SWU	51,000					51,000
461	461-7084-541-6309	Public Works	21SU11	Northeast Area (repair failed street crossing pipes)	SWU	556,000					556,000
461	461-7084-541-6309	Public Works	21SU12	Coutry Club Units (repair failed street crossing pipes)	SWU	556,000					556,000
461	461-7084-541-6309	Public Works	21SU13	Cured in Place Pipes	SWU	300,000					300,000
521	521-7070-519-6403	Public Works	N/A	Six (6) Police Officer Vehicles	GF/TRNS	177,000					177,000
				TOTAL NON-UTILITY DEPARTMENTS ONLY		6,333,826	1,727,300	0	0	0	3,527,126
FY 2022 - FY 2025 Non-Utility Additional (Informational Purposes Only)											
Parks & Recreation											
001		Parks & Rec	22PR02	Lynbrook Park Playground Replacement			75,000				75,000
001		Parks & Rec	22PR03	Knecht Park Playground Replacement			70,000				70,000
001		Parks & Rec	22PR04	Oakview Park Playground Replacement			20,400				20,400
001		Parks & Rec	22PR05	Pollack Park Playground Replacement			4,000				4,000
001		Parks & Rec	23PR01	Fred Lee Park Playground Replacement				110,000			110,000
001		Parks & Rec	23PR02	FPRP Playground Replacement				120,000			120,000
001		Parks & Rec	23PR03	Victoria Park Playground Replacement				75,000			75,000

City of Palm Bay, Florida - FY 2021 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 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2021-FY 2025
001		Parks & Rec	24PR01	Madden Park Playground Replacement					40,000		40,000
001		Parks & Rec	24PR02	Arc Park Playground Replacement					120,000		120,000
001		Parks & Rec	24PR03	McGriff Park Playground Replacement					32,000		32,000
001		Parks & Rec	24PR04	Driskell Park Playground Replacement					66,700		66,700
001		Parks & Rec	24PR05	Liberia Park Playground Replacement					5,000		5,000
001		Parks & Rec	25PR01	TRCC Playground Replacement						70,000	70,000
			TOTAL NON-UTILITY DEPARTMENTS ONLY - ADDITIONAL			0	169,400	305,000	263,700	70,000	808,100
		COMBINED TOTAL , NON-UTILITY & NON-UTILITY - ADDITIONAL				6,333,826	1,896,700	305,000	263,700	70,000	4,335,226
		GRAND TOTAL UTILITIES, NON-UTILITY & NON-UTILITY ADDITIONAL				33,349,246	30,011,600	23,586,760	28,818,800	45,073,571	156,009,780