Capital Improvements Plan
FY 2018 Adopted
FY 2019-2022 Proposed
Summary

Fredericksburg City Council 2036 Vision Statement

EMPLOYMENT EPICENTER

PUBLIC SERVICES—THE BACKBONE OF OUR COMMUNITY

DISTINCT AND LINKED NEIGHBORHOODS

LEARNING IS A WAY OF LIFE

A PROVEN LEADER IN HISTORIC PRESERVATION

BUILDING COMMUNITY THROUGH CULTURAL VIBRANCY

GREEN, CLEAN ENVIRONMENT

CUTTING-EDGE TRANSPORTATION SOLUTIONS

City of Fredericksburg,

Virginia

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Capital Improvement Plan FY 2018 - FY 2022	Bond Funded	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
SCHOOLS								
School Buses		210,000	210,000	215,000	215,000	215,000	1,065,000	*Ongoing*
Computer Technology		200,000	450,000	400,000	400,000	400,000	1,850,000	*Ongoing*
Carpets		25,000	30,000	35,000	30,000	30,000	150,000	*Ongoing*
Roof		25,000	20,000	15,000	25,000	25,000	110,000	*Ongoing*
Equipment Replacement		50,000	50,000	50,000	50,000	50,000	250,000	*Ongoing*
New School Bus Lot Lease		105,000	108,000	112,000	115,000	115,000	555,000	*Ongoing*
Hugh Mercer RTU Replacement		100,000	105,000	110,000	110,000		425,000	
W-G Roof Replacement	**Yes**	1,300,000	-	-	-	-	1,300,000	
James Monroe Track Conditioning		-	-	75,000	-	-	75,000	
New Elementary School	**Yes**	-	-		1,468,110	32,000,000	33,468,110	*750,000*
High School Expansion	**Yes**	-	-	-	-	-	-	*15,000,000*
Total		**2,015,000**	**973,000**	**1,012,000**	**2,413,110**	**32,835,000**	**39,248,110**	***15,750,000***
PUBLIC WORKS CAPITAL								
Arterial traffic signage replacement		-	480,000				480,000	
Asphalt & Concrete Repairs		$ 1,791,861	$ 800,000	$ 800,000	$ 800,000	$ 800,000	4,991,861	*Ongoing*
Bridge Repair - Jeff Davis Highway Bypass over Route 3							-	*7,875,000*
Bridge Replacement - U.S. Route 1 over Canal (no local money)							-	
Confederate & City Cemetery Improvements		-	60,000	-	-		60,000	
Culvert Replacement		125,000	75,000	75,000	75,000	200,000	550,000	*Ongoing*
Downtown Streetscape Renovations		1,300,000	-				1,300,000	
Fall Hill Avenue Street Lights (Canal to I-95) (100% local)		250,000					250,000	
Fall Hill Avenue/Noble Way Traffic Signal		300,000					300,000	
Gateway/Way finding Project		-	80,000	80,000	80,000	80,000	320,000	
Lafayette Blvd Pedestrian Safety & Kenmore Roundabout		-	120,000	480,000	1,009,000	1,354,000	2,963,000	*1,637,000*
Pathway Improvements (Idelwild Connector & Embry Dam Trail)			75,000				75,000	*540,000*
Riverfront Park	**Yes**	5,000,000	-	-	-		5,000,000	
Route 3 Signal Optimization		147,000	222,000	417,000	261,000		1,047,000	
Salt Storage Facility	**Yes**	367,500					367,500	
Stormwater Management Projects		200,000	-	-	-	-	200,000	*TBD*
Traffic Signal Conversion to Flashing Amber Left Turns		-	-	450,000	-	-	450,000	-
Traffic Signal Modernization		-	280,000	280,000	280,000	280,000	1,120,000	
VCR Trail Bridge (Area 3 to Area 4) (100% Federal/State)		20,000		140,000			160,000	
Wheeled Refuse Carts		-	-	-	-	1,320,000	1,320,000	-
Total		**$ 9,501,361**	**$ 2,192,000**	**$ 2,722,000**	**$ 2,505,000**	**$ 4,034,000**	**$20,954,361**	***$ 10,052,000***

Capital Improvement Plan FY 2018 - FY 2022	Bond Funded	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
PUBLIC FACILITIES CAPITAL								
Technology Replacements		$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	1,500,000	*Ongoing*
Enterprise Resource Planning System	Yes	1,500,000					1,500,000	
IT Disaster Resilience Plan Implementation		67,270	65,900	49,500			182,670	
Police Voice over IP Phone System		-	113,160				113,160	
Document Management System				155,300			155,300	
Fiber Network Expansion	Yes		140,150	85,285	241,600		467,035	
Public Wi-FI "Fred-Fi"	Yes			66,860	48,230		115,090	
Alum Springs Bridge	Yes	-	-	1,310,000		-	1,310,000	
Alum Springs Storage Building and Restroom	Yes	-	-	224,000		-	224,000	
Bass Ellison Building /improvements		44,000	49,000	48,500			141,500	
City Dock improvements		-	37,500				37,500	
Dixon Park Improvements (plus wetland pavilion)		-	258,000				258,000	
Dixon Park Community Center	Yes						-	*25,000,000*
Executive Center Plaza - HVAC	Yes	-	235,000	188,000	188,000	188,000	799,000	*564,000*
Executive Center Plaza		90,000					90,000	*5,000,000*
HVAC Replacements							-	
Memorial Park Tennis Court - Resurfacing & Fencing		90,000	-		-	-	90,000	
Memorial Park Tennis Court Improvements - Lighting		-	290,000		-	-	290,000	
Motts Reservoir							-	*250,000*
Roof Repair - Dorothy Hard Community Center		60,000	75,000	75,000	75,000	75,000	360,000	
Downtown Parking Garage	Yes	-	-	-	3,000,000	7,000,000	10,000,000	
Sophia Street Parking Garage Maintenance Project			200,000	-			200,000	
Liberty Place Parking Garage Agreement	Yes		2,150,000				2,150,000	
Playground Equipment (inc. HL Harris)		-	27,000	82,500			109,500	
Planning Area Plan Updates		150,000	375,000		-		525,000	
Central Rappahannock Regional Library -Duct Work & Roof		84,000					84,000	
Central Rappahannock Regional Library - Parking Improvements		175,000	-	-	-	-	175,000	-
Central Rappahannock Regional Library	Yes	-	-	-	-	-	-	*11,000,000*
Total		**$ 2,560,270**	**$ 4,315,710**	**$ 2,584,945**	**$ 3,852,830**	**$ 7,563,000**	**$20,876,755**	***$ 41,814,000***

Capital Improvement Plan FY 2018 - FY 2022	Bond Funded	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
PUBLIC SAFETY CAPITAL								
Police Body Cameras		-	100,000	100,000	100,000	100,000	400,000	
Fire Station #2 - Concrete Repair/Remaining #2 Upgrade		57,000					57,000	
Ambulance	Yes		325,000	270,000			595,000	
Dive Vehicle	Yes		220,000				220,000	
Fire Apparatus	Yes		675,000	1,500,000			2,175,000	
New Fire Station	Yes	-	600,000	6,850,000	-	-	7,450,000	-
Total		**$ 57,000**	**$ 1,920,000**	**$ 8,720,000**	**$ 100,000**	**$ 100,000**	**$10,897,000**	$ -
COURTS								
General District - 2nd Courtroom			500,000				500,000	
Renwick Building	Yes	250,000	-	-	-	-	250,000	*10,000,000*
Total		**$ 250,000**	**$ 500,000**	**$ -**	**$ -**	**$ -**	**$ 750,000**	$ *10,000,000*
CIP - TOTAL		**$ 14,383,631**	**$ 9,900,710**	**$ 15,038,945**	**$ 8,870,940**	**$ 44,532,000**	**$ 92,726,226**	$ *77,616,000*
FUNDING								
General Fund Transfer		2,000,000	3,292,760	2,192,100	1,805,000	3,140,000	12,429,860	*250,000*
Fund Balances		1,005,550	1,100,000	-	-	-	2,105,550	
Other Local Revenues		405,000	450,000	450,000	450,000	450,000	2,205,000	-
Gas Tax		360,000	400,000	400,000	400,000	400,000	1,960,000	-
Debt		8,150,000	3,745,150	10,494,145	4,945,940	39,188,000	66,523,235	*67,314,000*
Other Local Sources (interest Earning, other fees)							-	-
VDOT Funds/Federal		2,363,081	912,800	1,502,600	1,270,000	1,354,000	7,402,481	*10,052,000*
DEQ Funds (Stormwater)		100,000	-	-	-	-	100,000	-
Federal Share (Bass Ellison)		-	-	-	-	-	-	-
TOTAL		**$ 14,383,631**	**$ 9,900,710**	**$ 15,038,845**	**$ 8,870,940**	**$ 44,532,000**	**$ 92,726,126**	$ *77,616,000*

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
SCHOOLS							
PROJECTS							
School Buses	210,000	210,000	215,000	215,000	215,000	1,065,000	*Ongoing*
Computer Technology	200,000	450,000	400,000	400,000	400,000	1,850,000	*Ongoing*
Carpets	25,000	30,000	35,000	30,000	30,000	150,000	*Ongoing*
Roof	25,000	20,000	15,000	25,000	25,000	110,000	*Ongoing*
Equipment Replacement	50,000	50,000	50,000	50,000	50,000	250,000	*Ongoing*
New School Bus Lot Lease	105,000	108,000	112,000	115,000	115,000	555,000	*Ongoing*
Hugh Mercer RTU Replacement	100,000	105,000	110,000	110,000		425,000	
W-G Roof Replacement	1,300,000	-	-	-	-	1,300,000	
James Monroe Track Conditioning	-	-	75,000	-	-	75,000	
New Elementary School	-	-		1,468,110	32,000,000	33,468,110	*750,000*
High School Expansion	-	-	-	-	-	-	*15,000,000*
Total	**$ 2,015,000**	**$ 973,000**	**$ 1,012,000**	**$ 2,413,110**	**$ 32,835,000**	**$ 39,248,110**	***$ 15,750,000***
FUNDING							
General Fund Transfer	515,000	723,000	762,000	695,000	585,000	3,280,000	
Fund Balances	100,000					100,000	
Other Local Revenues	100,000	250,000	250,000	250,000	250,000	1,100,000	
Gas Tax	-					-	
Debt	1,300,000	-	-	1,468,110	32,000,000	34,768,110	*15,750,000*
Total	**$ 2,015,000**	**$ 973,000**	**$ 1,012,000**	**$ 2,413,110**	**$ 32,835,000**	**$ 39,248,110**	***$ 15,750,000***

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
PUBLIC WORKS CAPITAL							
PROJECTS							
Arterial traffic signage replacement	-	480,000				480,000	
Asphalt & Concrete Repairs	$ 1,791,861	$ 800,000	$ 800,000	$ 800,000	$ 800,000	4,991,861	*Ongoing*
Bridge Repair - Jeff Davis Highway Bypass over Route 3						-	*7,875,000*
Confederate & City Cemetery Improvements	-	60,000	-	-		60,000	
Culvert Replacement	125,000	75,000	75,000	75,000	200,000	550,000	*Ongoing*
Downtown Streetscape Renovations	1,300,000	-				1,300,000	
Fall Hill Avenue Street Lights (Canal to I-95)	250,000					250,000	
Fall Hill Avenue/Noble Way Traffic Signal	300,000					300,000	
Gateway/Way finding Project	-	80,000	80,000	80,000	80,000	320,000	
Lafayette Blvd Pedestrian Safety & Kenmore Roundabout	-	120,000	480,000	1,009,000	1,354,000	2,963,000	*1,637,000*
Pathway Improvements (Idelwild Connector & Embry Dam Trail)		75,000				75,000	*540,000*
Riverfront Park	5,000,000	-	-	-		5,000,000	
Route 3 Signal Optimization	147,000	222,000	417,000	261,000		1,047,000	
Salt Storage Facility	367,500					367,500	
Stormwater Management Projects	200,000	-	-	-	-	200,000	*TBD*
Traffic Signal Conversion to Flashing Amber Left Turns	-	-	450,000	-	-	450,000	-
Traffic Signal Modernization	-	280,000	280,000	280,000	280,000	1,120,000	
VCR Trail Bridge (Area 3 to Area 4) (100% Federal/State)	20,000		140,000			160,000	
Wheeled Refuse Carts	-	-	-	-	1,320,000	1,320,000	-
Total	**$ 9,501,361**	**$ 2,192,000**	**$ 2,722,000**	**$ 2,505,000**	**$ 4,034,000**	**$ 20,954,361**	***$ 10,052,000***
FUNDING							
General Fund Transfer	850,000	695,000	635,000	635,000	2,080,000	4,895,000	
Fund Balances	242,500					242,500	
Other Local Revenues	250,000	200,000	200,000	200,000	200,000	1,050,000	
Gas Tax	360,000	400,000	400,000	400,000	400,000	1,960,000	
Debt	5,350,000					5,350,000	
VDOT Funds	2,348,861	897,000	1,487,000	1,270,000	1,354,000	7,356,861	*10,052,000*
DEQ Funds (Stormwater)	100,000	-	-	-	-	100,000	-
Total	**$ 9,501,361**	**$ 2,192,000**	**$ 2,722,000**	**$ 2,505,000**	**$ 4,034,000**	**$ 20,954,361**	***$ 10,052,000***

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
PUBLIC FACILITIES CAPITAL							
PROJECTS							
Technology Replacements	$ 300,000	$ 300,000	$ 300,000	$ 300,000	$ 300,000	1,500,000	*Ongoing*
Enterprise Resource Planning System	1,500,000					1,500,000	
IT Disaster Resilience Plan Implementation	67,270	65,900	49,500			182,670	
Police Voice over IP Phone System	-	113,160				113,160	
Document Management System			155,300			155,300	
Fiber Network Expansion		140,150	85,285	241,600		467,035	
Public Wi-FI "Fred-Fi"			66,860	48,230		115,090	
Alum Springs Bridge	-	-	1,310,000		-	1,310,000	
Alum Springs Storage Building and Restroom	-	-	224,000		-	224,000	
Bass Ellison Building /improvements	44,000	49,000	48,500			141,500	
City Dock improvements	-	37,500				37,500	
Dixon Park Improvements (plus wetland pavilion)	-	258,000				258,000	
Dixon Park Community Center						-	*25,000,000*
Executive Center Plaza - HVAC	-	235,000	188,000	188,000	188,000	799,000	*564,000*
Executive Center Plaza	90,000					90,000	*5,000,000*
Memorial Park Tennis Court Improvements - Resurfacing & Fencii	90,000	-		-	-	90,000	
Memorial Park Tennis Court Improvements - Lighting	-	290,000		-	-	290,000	
Motts Reservoir						-	*250,000*
Roof Repair - Dorothy Hard Community Center	60,000	75,000	75,000	75,000	75,000	360,000	
Downtown Parking Garage	-	-	-	3,000,000	7,000,000	10,000,000	
Sophia Street Parking Garage Maintenance Project (Revised Estimate)		200,000	-			200,000	
Liberty Place Parking Garage Agreement		2,150,000				2,150,000	
Playground Equipment (inc. HL Harris)	-	27,000	82,500			109,500	
Planning Area Plan Updates	150,000	375,000		-		525,000	
Central Rappahannock Regional Library -Duct Work & Roof Repaii	84,000					84,000	
Central Rappahannock Regional Library - Parking & Lot Removal	175,000	-	-	-	-	175,000	-
Central Rappahannock Regional Library	-	-	-	-	-	-	*11,000,000*
Total	**$ 2,560,270**	**$ 4,315,710**	**$ 2,584,945**	**$ 3,852,830**	**$ 7,563,000**	**$ 20,876,755**	***$ 41,814,000***

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
FUNDING							
General Fund Transfer	635,000	1,774,760	695,200	375,000	375,000	3,854,960	-
Fund Balances	378,050					378,050	-
Other Local Revenues	33,000					33,000	*250,000*
Debt	1,500,000	2,525,150	1,874,145	3,477,830	7,188,000	16,565,125	*41,564,000*
Federal Revenues	14,220	15,800	15,600	-	-	45,620	-
Total	**$ 2,560,270**	**$ 4,315,710**	**$ 2,584,945**	**$ 3,852,830**	**$ 7,563,000**	**$ 20,876,755**	***$ 41,814,000***

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
PUBLIC SAFETY CAPITAL							
PROJECTS							
Police Body Cameras	-	100,000	100,000	100,000	100,000	400,000	
Fire Station #2 - Concrete Repair/Remaining #2 Upgrade	57,000					57,000	
Ambulance		325,000	270,000			595,000	
Dive Vehicle		220,000				220,000	
Fire Apparatus		675,000	1,500,000			2,175,000	
New Fire Station	-	600,000	6,850,000	-	-	7,450,000	-
Total	**$ 57,000**	**$ 1,920,000**	**$ 8,720,000**	**$ 100,000**	**$ 100,000**	**$ 10,897,000**	$ -
FUNDING							
General Fund Transfer	-	100,000	100,000	100,000	100,000	400,000	
Fund Balances	35,000	600,000				635,000	
Other Local Revenues	22,000					22,000	
Debt	-	1,220,000	8,620,000	-	-	9,840,000	-
Total	**$ 57,000**	**$ 1,920,000**	**$ 8,720,000**	**$ 100,000**	**$ 100,000**	**$ 10,897,000**	$ -

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
COURTS							
PROJECTS							
General District - 2nd Courtroom		500,000				500,000	
Renwick Building	250,000	-	-	-	-	250,000	*10,000,000*
Total	**$ 250,000**	**$ 500,000**	**$ -**	**$ -**	**$ -**	**$ 750,000**	*$ 10,000,000*
FUNDING							
Fund Balances	250,000	500,000					
Debt	-	-	-	-	-	-	*10,000,000*
Total	**$ 250,000**	**$ 500,000**	**$ -**	**$ -**	**$ -**	**$ -**	*$ 10,000,000*

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
WATER							
PROJECTS							
Internal System Improvements	$ 400,000	$ 400,000	$ 250,000	$ 250,000	$ 250,000	1,550,000	*Ongoing*
College Heights Water System Upgrades	-		-	4,000,000		4,000,000	
Powhatan Tank Improvements	-	500,000	-	-		500,000	
Replace & Downsize 24" Powhatan / Canal Line	-	-	500,000	800,000		1,300,000	
Motts Solids Dewatering System	-	1,004,500	312,500			1,317,000	
Rappahannock Raw Water Pump Station Improvements	542,000					542,000	
Roof Replacement at Motts Treatment Plant	312,500	-	-	-	-	312,500	-
Total	**$ 1,254,500**	**$ 1,904,500**	**$ 1,062,500**	**$ 5,050,000**	**$ 250,000**	**$ 9,521,500**	$ -
FUNDING							
Transfer - Availability Fees	300,000	250,000	250,000	250,000	250,000	1,300,000	
Transfer from Water Operating	350,000	150,000	500,000			1,000,000	
Prior Year Capital Fund Balance	604,500			-		604,500	
Debt Issuance	-	1,504,500	312,500	4,800,000		6,617,000	
Total	**$ 1,254,500**	**$ 1,904,500**	**$ 1,062,500**	**$ 5,050,000**	**$ 250,000**	**$ 9,521,500**	$ -

Capital Improvement Plan FY 2018 - FY 2022	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	TOTAL FY 2018-22	FY 20XX
WASTEWATER							
PROJECTS							
Infiltration & Inflow Abatement	$ 400,000	$ 400,000	$ 400,000	$ 400,000	$ 400,000	2,000,000	*Ongoing*
Caroline Street - Route 1 to Pump Station	-	-	-	1,300,000		1,300,000	
Renovate Caroline Street Pump Station	-	-	-	400,000		400,000	
Caroline Street - Pump St to Lafayette Blvd	-	-	500,000	1,000,000		1,500,000	
Prince Edward Street - William to Canal	-	-	250,000			250,000	
NPS - Farrell Lane Line Replacement	-	-	390,000			390,000	
Replace Steel Pipes Downtown	-	-	-	-		-	*240,000*
Pump Station Upgrades - Grinders & Hydrants	-	120,000	-	-		120,000	
Replace Route 2 / 17 Pump Station	-	-	500,000	-		500,000	
WWTP - Rehab Oxidation Ditch	250,000	-	-	-		250,000	
WWTP - Rehab Influent Pump Station	-	1,000,000	-	-		1,000,000	
WWTP - Replace Sludge Transfer & Pumps	-	110,000	-	100,000	-	210,000	
Snowden Pump Station and Force Main Improvements	100,000	100,000	-	-	-	200,000	
Total	**$ 750,000**	**$ 1,730,000**	**$ 2,040,000**	**$ 3,200,000**	**$ 400,000**	**$ 8,120,000**	***$ 240,000***
FUNDING							
Transfer - Availability Fees	500,000	400,000	400,000	400,000	400,000	2,100,000	
Transfer from Wastewater Operating	125,000	230,000	250,000	-		605,000	*240,000*
Prior Year Capital Fund Balance	125,000	-	-	-		125,000	
Debt Issuance	-	1,100,000	1,390,000	2,800,000	-	5,290,000	-
Total	**$ 750,000**	**$ 1,730,000**	**$ 2,040,000**	**$ 3,200,000**	**$ 400,000**	**$ 8,120,000**	***$ 240,000***