

CAPITAL BUDGET

Schools
General Government
Recreation and Community Appearance
Environment
Transportation

CAPITAL BUDGET

The City of Fairfax has a separate five-year plan for capital improvements. This plan (budget) can be requested from the Department of Finance (703) 385-7870. An overview of the capital improvement program is provided in the following pages. In addition, the five-year capital improvement summary and project sheets are included in the Operating Budget for information purposes only.

INTRODUCTION

Purpose:

The Capital Improvement Program is a recommended schedule of public, physical improvements, including planning and engineering thereof, for the City of Fairfax for the next five years. The first year of the program represents the proposed capital budget for that fiscal year. The schedule is based on a series of priorities which take into consideration the need, desire, and importance of such improvements, their relation to other improvements and plans, and the City's current and anticipated financial capacity. The Capital Improvement Program is updated annually, at which time the schedule of projects will be re-evaluated, and another fiscal year and new projects may be added. Requests for projects are submitted annually by departments to the City Manager for review. Those projects which meet the approval of the City Manager are then part of the proposed budget which is presented to both the Planning Commission and the City Council.

For the purpose of this report, capital improvements are major projects undertaken by the City that are generally not recurring on a year-in, year-out basis and that fit within one or more of the following categories:

1. All projects requiring debt obligation or borrowing.
2. Purchase of land.
3. Purchase of major equipment and vehicles valued in excess of \$25,000 with a life expectancy of five years or more.
4. Construction of new buildings or facilities, including engineering, design, and other preconstruction costs, with an estimated cost in excess of \$25,000.
5. Major building improvements or additions that are not routine expenses and that substantially enhance the value of a structure and are greater than \$25,000.
6. Major equipment or furnishings required to furnish new buildings or other projects.
7. Major parks development projects totaling more than \$25,000 over the five years covered by the plan.
8. Ongoing improvement projects to the City greater than \$25,000.

Advantages:

The principal advantage of capital improvement programming is that it makes the City come to grips with the problem of balancing needed or desired physical improvements with available funding, thereby receiving the optimum benefits for the available public revenue. This provides for a responsible fiscal policy on the part of the City. Other advantages are:

1. It provides an opportunity for the City Council to review overall City needs and rationally assign priorities and establish policy;
2. It allows for a stabilization of the tax rate over a period of time and makes it possible for the City Council to see how a particular capital project under review fits into the total pattern of projects over the next five years;
3. It allows for coordination of various City improvements and makes each department aware of all other improvements so that informed decisions can be made and joint programs initiated;
4. It enables private businesses and all citizens to have some assurance as to when certain public improvements will be undertaken so that they, in turn, may make sounder judgments concerning their own construction programs;
5. It enables the City to take better advantage of federal and state grant-in-aid programs, thereby allowing the City to receive greater amounts of aid for its given investment;
6. It calls attention to the deficiencies of the City and stimulates action to correct them; and

7. It allows a more balanced development since impartial treatment can be given to all sections of the City and concentration, or over emphasis, on any single project to the exclusion of others may be avoided.

These and other advantages make the Capital Improvement Program a practical necessity for the City, even though it involves painful decisions to postpone many worthwhile improvement projects due to financial limitations.

Usefulness and Procedures:

This Capital Improvement Program has been adopted by the City Council, and is recognized as the capital budget for the City's capital improvement plan for the upcoming fiscal year. While unforeseen emergency capital improvements may be necessary and circumstances of recommended projects may change, the approved program should not be modified without serious consideration of the City Council. Only in this way will a workable and useful capital improvement program be possible for the City.

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Summary

Funding Summary	FY 2019 Budget	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
General Fund							
Schools	\$ 210,500	\$ 389,000	\$ 738,100	\$ 866,000	\$ 229,195	\$ 381,573	\$ 2,603,868
General Government	1,420,475	1,318,347	4,037,274	2,742,990	833,058	2,452,241	11,383,910
Recreation / Community Appearance	392,101	252,700	687,800	162,900	163,000	163,100	1,429,500
Transportation	4,469,740	3,748,315	6,760,315	3,198,352	5,555,600	2,882,681	22,145,263
Financing	9,848,726	2,330,000	380,400	2,540,400	400	45,500	5,296,700
General Fund Subtotal	16,341,542	8,038,362	12,603,889	9,510,642	6,781,253	5,925,095	42,859,241
Other Funds							
Wastewater Fund (Waste)	8,943,000	7,857,000	7,810,000	7,564,000	7,464,000	7,479,000	38,174,000
Stormwater Fund (Storm)	1,665,000	1,824,600	2,049,600	2,274,600	2,499,600	2,724,500	11,372,900
State, Federal (DRPT, State, RevShr, CMAQ, Federal, RSTP, NVTC, I-66)	5,623,011	4,198,650	9,724,260	5,200,000	1,755,462	-	20,878,372
Commercial & Industrial Tax	400,000	535,978	580,382	431,239	430,629	435,835	2,414,063
NVTA 30%	515,000	270,000	1,140,000	1,400,000	1,200,000	200,000	4,210,000
NVTA 70%	2,500,000	7,250,000	10,250,000	11,500,000	2,000,000	7,000,000	38,000,000
Parks Bond Issue	-	-	4,100,000	15,750,000	1,500,000	-	21,350,000
Private / Grants / Other / FCPS / FVFD	455,000	937,745	1,325,000	5,300,000	-	835,000	8,397,745
Cable Capital Grant (Cable)	240,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Other Funds Subtotal	20,341,011	23,073,973	37,179,242	49,619,839	17,049,691	18,874,335	145,797,080
Total Capital Improvement Program	\$ 36,682,553	\$ 31,112,335	\$ 49,783,131	\$ 59,130,481	\$ 23,830,944	\$ 24,799,430	\$ 188,656,321

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Schools

Project Schools	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Elementary Schools									
Fitness Trail - Providence Elementary School	G-15	General	-	25,000	-	-	-	-	25,000
Water Booster Pump (PES)	-	General	35,000	-	-	-	-	-	-
Fairfax High School									
Elevator Replacement - Fairfax High School	-	General	-	-	-	-	-	150,000	150,000
Gym Floor - Fairfax High School	G-16	FCPS	-	552,745	-	-	-	-	552,745
Orchestra Pit - Fairfax High School	G-17	General	-	20,000	100,000	638,000	-	-	758,000
Lanier Middle School									
Elevator Replacement - Lanier Middle School	-	General	-	-	139,100	-	-	-	139,100
Maintenance									
Carpet and Tile Replacement - Daniels Run/Providence	G-18	General	20,000	30,000	30,000	30,000	30,000	30,000	150,000
Concrete Repairs - Schools	G-19	General	20,000	20,000	20,000	20,000	20,000	20,000	100,000
HVAC Repair/Replacement - Schools	G-20	General	95,000	205,000	372,000	100,000	100,000	100,000	877,000
Paving Repairs - Schools	G-21	General	25,000	25,000	25,000	25,000	25,000	25,000	125,000
Roof Repair and Replacement - Schools	G-22	General	15,500	54,000	17,000	18,000	19,195	21,573	129,768
Other									
Other Projects - Schools	G-23	General	-	10,000	35,000	35,000	35,000	35,000	150,000
Schools Summary			210,500	941,745	738,100	866,000	229,195	381,573	3,156,613
FCPS			-	552,745	-	-	-	-	552,745
General Fund			210,500	389,000	738,100	866,000	229,195	381,573	2,603,868
Total Schools			210,500	941,745	738,100	866,000	229,195	381,573	3,156,613

Bolded items represent new CIP projects in FY 2020

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

General Government

Project General Government	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Annual Maintenance									
Planting & Beautification	G-24	General	25,000	30,000	30,000	30,000	30,000	30,000	150,000
Stub Street Improvements	-	General	-	-	143,000	25,000	-	-	168,000
Tree Removal	G-25	General	-	42,500	42,500	-	-	-	85,000
Building Maintenance									
City Hall Maintenance	-	General	75,000	-	100,000	-	-	-	100,000
Fire Station #3 Maintenance	-	General	140,000	-	-	-	-	-	-
Green Acres Gym Floor Replacement	-	General	-	-	50,000	-	-	-	50,000
Green Acres Maintenance	-	General	-	-	400,000	50,000	50,000	-	500,000
Old Town Hall Maintenance	-	General	100,000	-	-	-	-	-	-
Property Yard Maintenance	-	General	75,000	-	-	-	-	-	-
Fire									
Fire Station 33: Replacement Project	-	Financing	9,000,000	-	-	-	-	-	-
Medic Unit Replacement	-	FVFD	300,000	-	350,000	-	-	-	350,000
Rescue Engine Replacement	G-26	Financing	-	1,200,000	-	-	-	-	1,200,000
Self Contained Breathing Apparatus Replacement	-	General	-	-	755,000	-	-	-	755,000
Training Center Fire/Security Alarm & Fire Protection System	-	Financing	50,000	-	-	-	-	-	-
Training Center: Public Safety Radio & Alerting System	-	Financing	50,000	-	-	-	-	-	-
Vehicle Exhaust System for Station 3	G-27	Financing	-	150,000	-	-	-	-	150,000
General									
Cable TV Equipment	H-21	Cable	240,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Northern Virginia Community College	G-28	General	52,328	53,606	54,946	56,320	57,728	59,171	281,771
Historic Resources									
Blenheim House	-	General	35,000	-	25,000	-	-	-	25,000
Blenheim Interpretive Center Parking Lot Repairs	-	General	-	-	160,000	30,000	-	-	190,000
Krasnow Barn Site and Reassembly	-	General, Grant	-	-	85,000	-	-	-	85,000
Infrastructure Replacement and Improvements									
Datacenter server and storage replacement	G-29	General	50,000	50,000	-	-	-	-	50,000
Fleet Maintenance Lift Replacement	G-30	General, DRPT	-	45,000	18,000	15,000	-	160,000	238,000
Fuel Island Maintenance	G-31	General, DRPT	60,000	120,000	80,000	-	-	-	200,000
Property Yard Tire Storage Facility	-	General, DRPT	-	-	50,000	-	-	-	50,000
Redevelopment & Design of the Property Yard	-	Other	-	-	100,000	-	-	-	100,000
IT - Software Upgrades									
Finance System Audit	G-32	General	-	40,000	-	-	-	-	40,000
General Ledger/Personnel Software	-	General	-	-	-	750,000	-	-	750,000
Police									
Emergency Comm and Records Management Systems Upgrade	G-33	General	-	127,000	127,000	-	-	-	254,000
Police Facility Security System Upgrade	G-34	General	15,000	15,000	15,000	-	-	-	30,000
Police Information Technology Program	G-35	General	81,147	83,581	86,088	88,670	91,330	94,070	443,739
Police Vehicle Garage	-	General	-	-	448,000	-	-	-	448,000
Police Vehicle Replacement	G-36	General	160,000	145,500	150,000	150,000	150,000	150,000	745,500

General Government

Project General Government	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Vehicle/Equipment Replacement									
Debt Service of Existing Equipment Leases (Pre - FY 2019)	-	Financing	611,478	-	-	-	-	-	-
Refuse & Recycling Trucks Replacement	G-37	Financing,General	-	980,000	-	250,000	-	-	1,230,000
Vehicle & Equipment Replacement (Cash Purchases Only)	G-41	General	552,000	609,000	1,236,000	1,298,000	454,000	1,959,000	5,556,000
General Government Summary			11,671,953	3,891,187	4,705,534	2,942,990	1,033,058	2,652,241	15,225,010
Cable - Fund			240,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Financing			9,711,478	2,330,000	-	-	-	-	2,330,000
FVFD			300,000	-	350,000	-	-	-	350,000
General Fund			1,420,475	1,318,347	4,037,274	2,742,990	833,058	2,452,241	11,383,910
Grant			-	-	5,000	-	-	-	5,000
Other - FCPS			-	-	100,000	-	-	-	100,000
State – DRPT			-	42,840	13,260	-	-	-	56,100
Total General Government			11,671,953	3,891,187	4,705,534	2,942,990	1,033,058	2,652,241	15,225,010

Bolded items represent new CIP projects in FY 2020

Recreation / Community Appearance

Project Recreation / Community Appearance	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Drainage									
Pat Rodio Park - Drainage Project	-	General	-	-	200,000	-	-	-	200,000
Fairfax High School									
Fairfax High School Synthetic Turf Replacement	-	Financing	137,248	-	-	-	-	-	-
Fencing / Backstops									
Thaiss Park - Replacement of Fencing	-	General	40,000	-	40,000	-	-	-	40,000
Van Dyck Park Tennis Court Fence Replacement	G-50	General	-	20,000	-	-	-	-	20,000
Lanier Middle School									
Lanier Middle School Synthetic Turf Installation	-	Parks Bond	-	-	-	2,000,000	-	-	2,000,000
Lighting									
Thaiss Park Field Lighting	-	General,Private	70,000	-	-	-	-	-	-
Park Construction & Maintenance									
ADA Compliance - Parks	-	General,Parks Bond	25,000	-	250,000	250,000	250,000	-	750,000
All Parks - Sign Replacement & Park Entrance Beautification	-	General	15,000	-	60,000	-	-	-	60,000
Draper Park Synthetic Turf Replacement	-	Financing	-	-	-	-	-	-	-
Green Acres Bocci Court and Shade Structure	G-51	General	-	40,000	-	-	-	-	40,000
Northern Virginia Regional Park Authority-NOVA Parks	G-52	General	62,101	62,700	62,800	62,900	63,000	63,100	314,500
Providence Park Rectangle Field Renovation	-	Parks Bond	-	-	100,000	-	-	-	100,000
Stafford Park Turf Replacement and Light Addition	-	Parks Bond	-	-	1,000,000	-	-	-	1,000,000
Thaiss Park Field Renovation	-	General	25,000	-	-	-	-	-	-
Thaiss Park Redevelopment	-	Parks Bond	-	-	-	2,500,000	-	-	2,500,000
Van Dyck Master Plan Implementation	-	Parks Bond	-	-	1,500,000	10,500,000	-	-	12,000,000
Pavilions / Shelters									
Providence Elementary - Concession/Storage/Restroom Building	-	Parks Bond	-	-	750,000	-	-	-	750,000
Ratcliffe Park Pavilion Replacement	G-53	General	-	25,000	-	-	-	-	25,000
Replace Providence Park Pavilion & Add Restroom	-	Parks Bond	-	-	-	-	750,000	-	750,000
Paving & Parking Lots									
Annual - General Park Asphalt Resurfacing	G-54	General	50,000	25,000	50,000	50,000	50,000	50,000	225,000
Planning									
Community Center Site and Program Study	-	General	20,000	-	-	-	-	-	-
Performing Arts Feasibility Study	-	General	-	-	20,000	-	-	-	20,000
Update of the 2014 Parks Strategic Master Plan	-	General	-	-	75,000	-	-	-	75,000
Westmore School Site Master Plan	-	General	-	-	60,000	-	-	-	60,000
Playgrounds									
Innovative Playground Development	-	Parks Bond	-	-	-	500,000	500,000	-	1,000,000
Playground Equipment Maintenance & Replacement	G-55	General	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Restrooms									
Permanent Restroom Installations at Draper Drive Park	-	Parks Bond	-	-	500,000	-	-	-	500,000
Tennis Courts									
Providence, Westmore, Kutner & Van Dyck Tennis Courts	G-56	General	-	30,000	70,000	-	-	-	100,000

Recreation / Community Appearance

Project Recreation / Community Appearance	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Trails									
Comstock Trail	-	C&I,Other	-	-	150,000	500,000	-	-	650,000
Judicial Drive Trail Connection	-	Federal,General	425,000	-	-	-	-	-	-
Pickett Road Trail Connector	-	Other	-	-	870,000	4,000,000	-	-	4,870,000
Trail Repair and Improvements	-	RSTP	460,000	-	-	-	-	-	-
Rec. & Community Appearance Summary			1,379,349	252,700	5,807,800	20,412,900	1,663,000	163,100	28,299,500
C&I			-	-	150,000	-	-	-	150,000
Federal - Other			340,000	-	-	-	-	-	-
Federal - RSTP			460,000	-	-	-	-	-	-
Financing			137,248	-	-	-	-	-	-
General Fund			392,101	252,700	687,800	162,900	163,000	163,100	1,429,500
Other - FCPS			-	-	870,000	4,500,000	-	-	5,370,000
Parks Bond Issue			-	-	4,100,000	15,750,000	1,500,000	-	21,350,000
Private			50,000	-	-	-	-	-	-
Total Rec. & Community Appearance			1,379,349	252,700	5,807,800	20,412,900	1,663,000	163,100	28,299,500

Bolded items represent new CIP projects in FY 2020

Environment - Stormwater

Project Environment - Stormwater	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Annual Maintenance									
Driveway Pipe Replacement Project	H-4	Storm	50,000	50,000	60,000	65,000	70,000	75,000	320,000
Replacement of Failing Galvanized Storm Drainage Systems	H-5	Storm	110,000	110,000	120,000	125,000	130,000	135,000	620,000
Storm Drainage Maintenance	H-6	Storm	120,000	120,000	150,000	150,000	150,000	150,000	720,000
Storm Drainage Outfall Maintenance & Repair	H-7	Storm	100,000	100,000	110,000	115,000	120,000	125,000	570,000
Storm Drainage Repair for Paving Schedule	H-8	Storm	100,000	100,000	110,000	115,000	120,000	125,000	570,000
Storm Pipe Lining Rehabilitation	H-9	Storm	110,000	110,000	120,000	125,000	130,000	135,000	620,000
Drainage									
Neighborhood Drainage Projects	-	Financing,Storm	200,000	-	300,000	200,000	100,000	50,000	650,000
Reline Bridge Culvert Storm Structures	H-10	Storm	75,000	80,000	85,000	90,000	95,000	100,000	450,000
Sager Ave Culvert Replacement	-	30%,RevShr	-	-	680,000	-	-	-	680,000
Video Inspection of Storm Lines	-	Storm	125,000	-	125,000	125,000	125,000	125,000	500,000
Infrastructure Replacement and Improvements									
Ashby Pond Dredging	-	Financing,Storm	20,000	-	50,000	500,000	-	-	550,000
Fairfax Blvd & Meredith Ave Drainage Improvements	-	Financing,Storm	-	-	70,000	500,000	-	-	570,000
Flood Study - Foxcroft Colony & Mosby Woods Condos	-	Financing	-	-	-	595,000	-	-	595,000
Plantation Parkway Culvert Repairs	H-11	Storm	-	150,000	-	-	-	-	150,000
University Drive Storm Sewer Outfall Relocation	-	Financing	-	-	30,000	90,000	-	-	120,000
State/Federal Mandated									
Municipal Separate Storm Sewer System (MS4)	H-12	Storm	95,000	100,000	120,000	130,000	130,000	140,000	620,000
Private BMP/SWM Inspection	H-13	Storm	120,000	120,000	145,000	155,000	165,000	165,000	750,000
Public BMP/SWM Inspection and Maintenance	H-14	Storm	110,000	110,000	130,000	135,000	140,000	145,000	660,000
Stream Evaluation and Restoration	H-15	Financing,Grant,Storm	230,000	70,000	130,000	1,600,000	525,000	1,600,000	3,925,000
TMDL Action Plans	H-16	Storm	100,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Stormwater									
Culvert at Pickett Road Crossing	H-17	Storm	-	104,600	-	-	-	-	104,600
Storm Improvement, Oak Street and Second	-	Financing,Storm	-	-	75,000	300,000	-	-	375,000
Subtotal Stormwater			1,665,000	1,824,600	3,110,000	5,615,000	2,500,000	3,570,000	16,619,600
Financing			-	-	380,400	2,540,400	400	45,500	2,966,700
Grant			-	-	-	800,000	-	800,000	1,600,000
NVTA 30%			-	-	340,000	-	-	-	340,000
State-Revenue Sharing			-	-	340,000	-	-	-	340,000
Storm Water - Fund			1,665,000	1,824,600	2,049,600	2,274,600	2,499,600	2,724,500	11,372,900
Total Stormwater			1,665,000	1,824,600	3,110,000	5,615,000	2,500,000	3,570,000	16,619,600

Bolded items represent new CIP projects in FY 2020

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Environment - Wastewater

Project Environment - Wastewater	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Facility Maintenance & Equipment									
Wastewater Pump Station Containment	G-57	Waste	50,000	50,000	-	-	-	-	50,000
Infrastructure Replacement and Improvements									
Noman M. Cole Plant Upgrade	G-58	Waste	6,849,000	5,200,000	5,865,000	5,272,000	5,673,000	5,659,000	27,669,000
Sanitary Sewer Line Repair and Replacement	G-59	Waste	110,000	112,000	114,000	116,000	119,000	122,000	583,000
Sanitary Sewer Lining - 10" and Under	G-60	Waste	470,000	470,000	480,000	480,000	490,000	500,000	2,420,000
Sanitary Sewer Main Rehab at University Dr & North St	-	Waste	100,000	-	-	-	-	-	-
Sanitary Sewer Manhole Rehabilitation	G-61	Waste	120,000	122,000	125,000	127,000	130,000	132,000	636,000
Sanitary Sewer Trunk Lining - Over 10"	G-62	Waste	550,000	875,000	600,000	650,000	650,000	650,000	3,425,000
Sewage Pumping Stations R&R	G-63	Waste	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Wastewater Stream Pipe Encasement Project	G-64	Waste	150,000	153,000	156,000	159,000	162,000	166,000	796,000
Projects									
Geographic Information System (GIS) for Wastewater	G-65	Waste	130,000	130,000	15,000	10,000	10,000	10,000	175,000
Sanitary Sewer Evaluation	G-66	Waste	300,000	300,000	200,000	200,000	200,000	150,000	1,050,000
Vehicle/Equipment Replacement									
Wastewater Equipment Replacement	G-67	Waste	84,000	415,000	225,000	520,000	-	60,000	1,220,000
Subtotal Wastewater			8,943,000	7,857,000	7,810,000	7,564,000	7,464,000	7,479,000	38,174,000

Environment Summary									
Financing			-	-	380,400	2,540,400	400	45,500	2,966,700
Grant			-	-	-	800,000	-	800,000	1,600,000
NVTA 30%			-	-	340,000	-	-	-	340,000
State-Revenue Sharing			-	-	340,000	-	-	-	340,000
Storm Water - Fund			1,665,000	1,824,600	2,049,600	2,274,600	2,499,600	2,724,500	11,372,900
Wastewater - Fund			8,943,000	7,857,000	7,810,000	7,564,000	7,464,000	7,479,000	38,174,000
Total Environment			10,608,000	9,681,600	10,920,000	13,179,000	9,964,000	11,049,000	54,793,600

Bolded items represent new CIP projects in FY 2020

Transportation

Project Transportation	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Annual Maintenance									
Asphalt Sidewalk Replacement Program	-	General	30,000	-	31,000	32,000	32,000	33,000	128,000
Brick Sidewalk and Crosswalk Maintenance	G-71	General	109,000	55,500	113,000	116,000	118,000	120,000	522,500
City Sidewalk & Handicapped Ramp Replacement Program	G-72	General	123,000	62,500	127,000	130,000	133,000	136,000	588,500
Bridges									
Bridge Maintenance	G-73	RSTP,General	400,000	400,000	621,000	50,000	50,000	50,000	1,171,000
Drainage									
Roberts Road East Side Drainage and Roadway Improvements	G-74	NVTA 30%	-	70,000	300,000	-	-	-	370,000
Facility Maintenance & Equipment									
Compact Excavator	G-75	General	-	65,000	-	-	-	-	65,000
Infrastructure Replacement and Improvements									
Chain Bridge Road/Judicial Streetscape	-	General	75,000	-	-	-	-	-	-
Emergency Power Battery Backup System	-	General	25,500	-	28,013	29,063	30,153	31,284	118,513
Main Street Streetscape	-	30%,RevShr	-	-	600,000	2,400,000	2,000,000	-	5,000,000
Pickett Road Roadway Resurfacing	-	RSTP	280,000	-	-	-	-	-	-
Replace Traffic Controllers & Central Management System	-	General,I-66	-	-	435,000	36,313	37,674	39,087	548,074
Replacement of Older Traffic Signal Cabinets	-	General	30,600	-	32,163	33,369	34,620	35,918	136,070
Roadbed Reconstruction	-	RSTP	-	-	-	1,000,000	-	-	1,000,000
University Drive Improvements	-	C&I,30%,RevShr	1,000,000	-	-	-	-	-	-
Maintenance									
Downtown Signal Pole Painting	G-76	Other - OTSD	-	35,000	-	-	-	35,000	70,000
Sealing Renovated Masonry Work	-	General	-	-	20,000	25,000	25,000	25,000	95,000
Multimodal									
Bicycle Plan	G-77	C&I	-	75,000	-	-	-	-	75,000
Bike Share	G-78	I-66,30%	25,000	1,500,000	-	-	-	-	1,500,000
Multimodal Improvements	G-79	RSTP	74,000	331,000	-	-	755,462	-	1,086,462
Transit Facility Improvements	G-80	I-66	500,000	465,000	-	-	-	-	465,000
Transportation Demand Management	-	Other	30,000	-	-	-	-	-	-
Planning									
Eaton Place/CBR Intersection	-	NVTA 70%	-	-	-	-	2,000,000	7,000,000	9,000,000
Projects									
Chain Bridge Rd Sidewalk (new location north of Kenmore)	G-81	Other	75,000	350,000	-	-	-	-	350,000
FHWA Mandated Sign Retroreflectivity Compliance	G-82	General	51,000	52,800	54,780	56,834	58,966	61,177	284,557
Jermantown Road Corridor Improvements	G-83	30%,70%	200,000	6,500,000	6,000,000	8,500,000	-	-	21,000,000
Northfax Internal Street & ROW Improvements (Northfax II)	-	70%,RevShr	5,000,000	-	-	-	-	-	-
Old Lee Highway Multimodal Project	G-84	70%,RevShr	-	1,500,000	8,500,000	6,000,000	-	-	16,000,000
Primary Extension Paving	G-85	Federal	-	947,810	-	-	-	-	947,810
Railroad Avenue Sidewalk, Curb and Gutter	-	C&I	50,000	-	-	-	-	-	-
Residential Sidewalk Construction	G-86	C&I	100,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Road Maintenance									
Citywide Crosswalk Recoating	-	General	32,640	-	34,371	35,660	36,998	38,385	145,414
Colonial Ave.	G-87	General	-	40,000	-	-	-	-	40,000
Concrete Curb and Gutter Maintenance	G-88	General	1,400,000	1,850,000	2,200,000	1,350,000	1,000,000	1,000,000	7,400,000
Independent Roadway Evaluation	G-89	RSTP,General	50,000	50,000	250,000	50,000	50,000	50,000	450,000
Primary Extension Paving	-	Federal	969,011	-	-	-	-	-	-
Street Repaving	G-90	General	1,997,000	1,109,515	3,300,000	1,000,000	3,300,000	1,000,000	9,709,515

Transportation

Project Transportation	Page Num	Funding Source	FY 2019 Adopted	FY 2020 Adopted	FY 2021 Proposed	FY 2022 Proposed	FY 2023 Proposed	FY 2024 Proposed	FY 20 to 24 Total
Street Lights									
LED Streetlight Conversion	G-92	General	-	110,000	110,000	110,000	110,000	110,000	550,000
Streetlight improvements	-	General,30%	40,000	-	30,000	30,000	30,000	30,000	120,000
Streetlight Improvements on George Mason Blvd	-	General	35,000	-	-	-	-	-	-
Traffic Signal Maintenance									
Advanced Signal Detector & Conventional Loop Maint.	G-93	General	21,000	53,000	54,988	57,050	59,189	61,408	285,635
Refurbishing Existing Traffic Signal Intersections	-	General	60,000	-	450,000	57,063	450,000	61,422	1,018,485
Traffic Signal Cabinet Security Locks	-	General	30,000	-	-	-	-	-	-
Transit									
CUE Automatic Passenger Counters (APC)	G-94	NVTC,DRPT	-	62,000	-	-	-	-	62,000
Pre-Application Transportation Project Evaluation	G-95	30%	-	200,000	200,000	200,000	200,000	200,000	1,000,000
Transit Buses Replacement	-	State	-	-	3,600,000	-	-	-	3,600,000
WMATA Capital Funding Contribution	G-96	C&I	-	260,978	230,382	231,239	230,629	235,835	1,189,063
Vehicle/Equipment Replacement									
Snowblower	-	General	-	-	90,000	-	-	-	90,000
Transportation Summary			12,812,751	16,345,103	27,611,697	21,729,591	10,941,691	10,553,516	87,181,598
C&I			400,000	535,978	430,382	431,239	430,629	435,835	2,264,063
Federal - Other			969,011	947,810	-	-	-	-	947,810
Federal - RSTP			354,000	431,000	821,000	1,000,000	755,462	-	3,007,462
General Fund			4,469,740	3,748,315	6,760,315	3,198,352	5,555,600	2,882,681	22,145,263
I-66 Inside Beltway			500,000	1,965,000	400,000	-	-	-	2,365,000
NVTA 30%			515,000	270,000	800,000	1,400,000	1,200,000	200,000	3,870,000
NVTA 70%			2,500,000	7,250,000	10,250,000	11,500,000	2,000,000	7,000,000	38,000,000
NVTC Trust Fund			-	19,840	-	-	-	-	19,840
Other - FCPS			105,000	385,000	-	-	-	35,000	420,000
State - DRPT			-	42,160	-	-	-	-	42,160
State - Other			-	-	3,600,000	-	-	-	3,600,000
State-Revenue Sharing			3,000,000	750,000	4,550,000	4,200,000	1,000,000	-	10,500,000
Total Transportation			12,812,751	16,345,103	27,611,697	21,729,591	10,941,691	10,553,516	87,181,598

Bolded items represent new CIP projects in FY 2020

PROJECT INFORMATION

Name: Fitness Trail - Providence Elementary School **Project #** 320-681715-580330

2012 Comprehensive Plan Reference: PFS-1.2 (P.83); PRO-3.3 (p.94)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
✓	Land Use		Other City Plan/Policy

Statement of Need:
 Funding is requested to install a fitness trail at Providence Elementary School. In a joint project with the City's Parks and Recreation Department, the creation of a fitness trail on school property would benefit, not only students and staff, but the greater community.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	25,000	-	-	-	-	25,000
Total Costs	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	25,000	-	-	-	-	25,000
Total Funding	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	✓	Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager	✓	PW Fleet	
Project Completion Date	03/01/20		Finance		PW Operations	
Financial Impacts			Fire		PW Signs/Signal	
Annual Revenue Generated:	\$ -		Historic		PW Stormwater	
Annual Cost Savings:	\$ -		Human Svc		PW Streets	
Annual Increase in Operating Costs:	\$ -		IT		PW Transport	
Projected Future Savings:	\$ -		Parks & Rec	✓	PW Wastewater	
			Personnel		Schools	✓

PROJECT INFORMATION

Name: Gym Floor - Fairfax High School	Project # 320-681235-580330
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2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (P.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 The current gym floor at Fairfax High School has had continual maintenance issues over the past several years resulting in costly repairs. A new wood floor is proposed for this facility.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	552,745	-	-	-	-	552,745
Total Costs	\$ -	\$ 552,745	\$ -	\$ -	\$ -	\$ -	\$ 552,745

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
FCPS	-	552,745	-	-	-	-	552,745
Total Funding	\$ -	\$ 552,745	\$ -	\$ -	\$ -	\$ -	\$ 552,745

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	<input checked="" type="checkbox"/>	Cable TV		Police	
Project Design Start Date	07/01/18		CD&P		PW Admin	
Construction Start Date	06/01/19		City Manager		PW Fleet	
Project Completion Date	08/01/19		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	<input checked="" type="checkbox"/>
Financial Impacts						
Annual Revenue Generated:	\$ -					
Annual Cost Savings:	\$ -					
Annual Increase in Operating Costs:	\$ -					
Projected Future Savings:	\$ -					

PROJECT INFORMATION

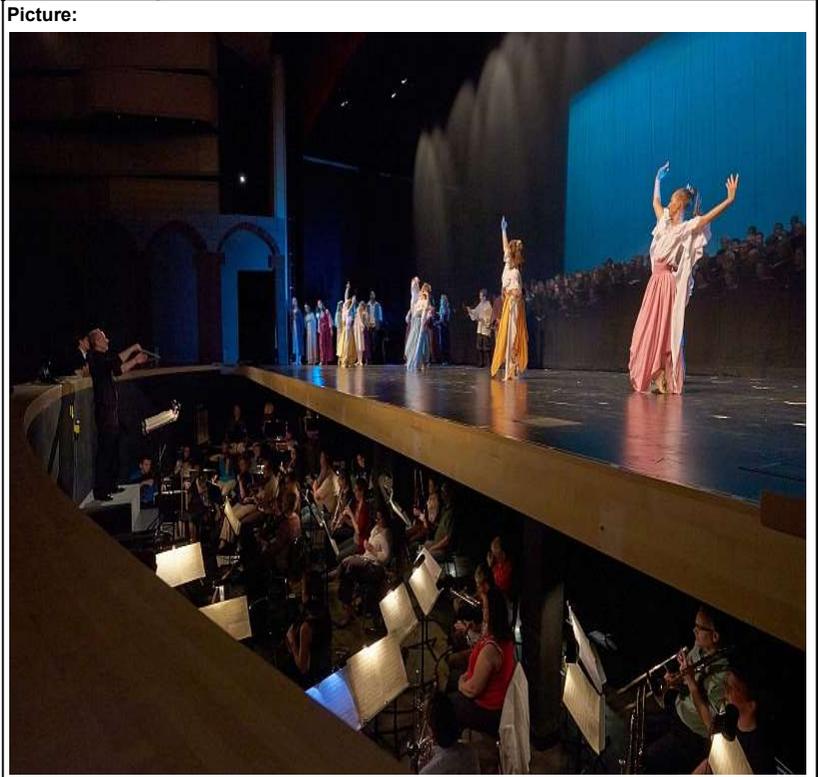
Name: Orchestra Pit - Fairfax High School **Project #** 320-681233-580330

2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (P.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 As the first step in determining the viability of restoring the Orchestra Pit, a sound study would be conducted in FY 2020. Funding is requested in FY 2021 for remediation based on the results of the sound study, and funding is requested in FY 2022 for the complete restoration of the Orchestra Pit.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	-	20,000	-	-	-	-	20,000
Infrastructure Maint/Repair/Upgrade	-	-	100,000	638,000	-	-	738,000
Total Costs	\$ -	\$ 20,000	\$ 100,000	\$ 638,000	\$ -	\$ -	\$ 758,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	20,000	100,000	638,000	-	-	758,000
Total Funding	\$ -	\$ 20,000	\$ 100,000	\$ 638,000	\$ -	\$ -	\$ 758,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	<input checked="" type="checkbox"/>	Cable TV	Police		
Project Design Start Date	07/01/19		CD&P	PW Admin		
Construction Start Date	07/01/21		City Manager	PW Fleet		
Project Completion Date	03/31/22		Finance	PW Operations		
			Fire	PW Signs/Signal		
			Historic	PW Stormwater		
			Human Svc	PW Streets		
			IT	PW Transport		
			Parks & Rec	PW Wastewater		
			Personnel	Schools		<input checked="" type="checkbox"/>
Financial Impacts						
Annual Revenue Generated:	\$ -					
Annual Cost Savings:	\$ -					
Annual Increase in Operating Costs:	\$ -					
Projected Future Savings:	\$ -					

PROJECT INFORMATION

Name: Carpet and Tile Replacement - Daniels Run/Providence **Project #** 320-681707-580330

2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
This project provides funding to replace existing carpeted areas and re-tile areas within classrooms at Daniels Run and Providence Elementary schools.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	20,000	30,000	30,000	30,000	30,000	30,000	150,000
Total Costs	\$ 20,000	\$ 30,000	\$ 150,000				

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	20,000	30,000	30,000	30,000	30,000	30,000	150,000
Total Funding	\$ 20,000	\$ 30,000	\$ 150,000				

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	✓
Financial Impacts						
Annual Revenue Generated:	\$ -					
Annual Cost Savings:	\$ -					
Annual Increase in Operating Costs:	\$ -					
Projected Future Savings:	\$ -					

PROJECT INFORMATION

Name: Concrete Repairs - Schools **Project #** 320-681705-580330

2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
This project provides funding for the replacement of concrete as necessary at the City's four schools.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	20,000	20,000	20,000	20,000	20,000	20,000	100,000
Total Costs	\$ 20,000	\$ 100,000					

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	20,000	20,000	20,000	20,000	20,000	20,000	100,000
Total Funding	\$ 20,000	\$ 100,000					

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	<input checked="" type="checkbox"/>

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: HVAC Repair/Replacement - Schools	Project # 320-681713-580108
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2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project provides for the replacement of air conditioning and/or heating unit components as needed at City schools. Several HVAC units at the elementary schools are nearing the end of their useful life and will likely need repair or replacement in future years. Currently, FY 2020 expenditures will cover the replacement of units at Providence Elementary and Fairfax High School. FY 2021 expenditures are slated for Fairfax High School. As units at all four schools reach the end of their useful life, they will be evaluated for replacement in out years.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	95,000	205,000	372,000	100,000	100,000	100,000	877,000
Total Costs	\$ 95,000	\$ 205,000	\$ 372,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 877,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	95,000	205,000	372,000	100,000	100,000	100,000	877,000
Total Funding	\$ 95,000	\$ 205,000	\$ 372,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 877,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools
		✓

PROJECT INFORMATION

Name: Paving Repairs - Schools **Project #** 320-681705-580330

2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
<input type="checkbox"/>	Economy		Housing
<input type="checkbox"/>	Community Appearance		Transportation
<input type="checkbox"/>	Land Use		Other City Plan/Policy

Statement of Need:
This project provides funding to repair parking areas, bus loops, and other paving at all four City schools.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	25,000	25,000	25,000	25,000	25,000	25,000	125,000
Total Costs	\$ 25,000	\$ 125,000					

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	25,000	25,000	25,000	25,000	25,000	25,000	125,000
Total Funding	\$ 25,000	\$ 125,000					

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
Financial Impacts			Fire	PW Signs/Signal
Annual Revenue Generated:	\$ -		Historic	PW Stormwater
Annual Cost Savings:	\$ -		Human Svc	PW Streets
Annual Increase in Operating Costs:	\$ -		IT	PW Transport
Projected Future Savings:	\$ -	Parks & Rec	PW Wastewater	
		Personnel	Schools	<input checked="" type="checkbox"/>

PROJECT INFORMATION

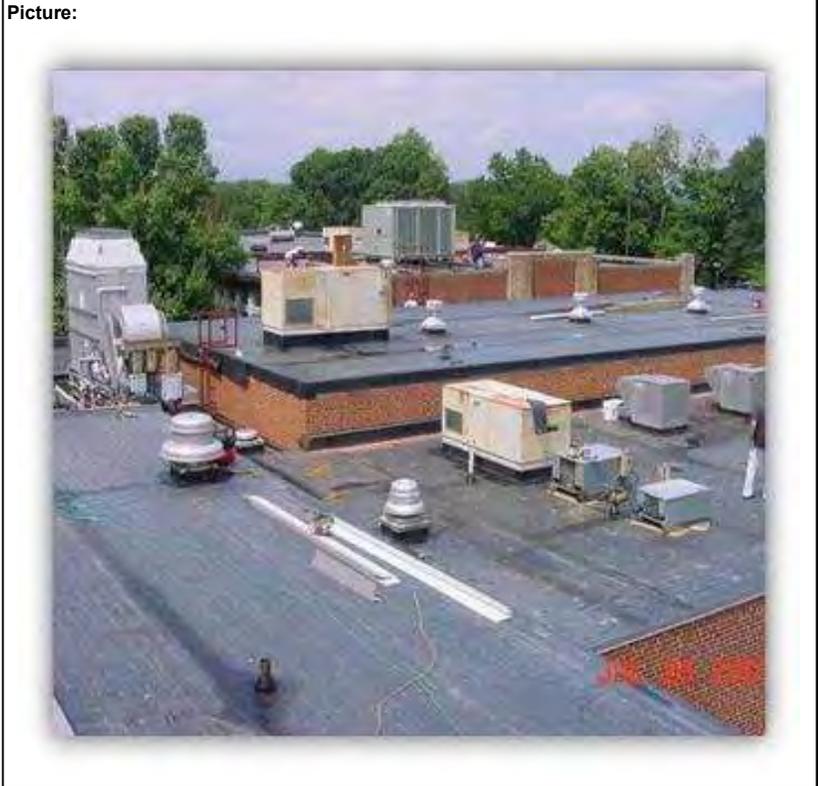
Name: Roof Repair and Replacement - Schools **Project #** 320-681712-580330

2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project provides funding for the repair and replacement of roofing components at City schools. Additionally, funding will provide for the maintenance agreement at both Lanier Middle School and Fairfax High School. In FY 2020, an increase in funding will cover the cost of recoating the gym roof at Fairfax High School.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	15,500	54,000	17,000	18,000	19,195	21,573	129,768
Total Costs	\$ 15,500	\$ 54,000	\$ 17,000	\$ 18,000	\$ 19,195	\$ 21,573	\$ 129,768

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	15,500	54,000	17,000	18,000	19,195	21,573	129,768
Total Funding	\$ 15,500	\$ 54,000	\$ 17,000	\$ 18,000	\$ 19,195	\$ 21,573	\$ 129,768

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	✓
Financial Impacts						
Annual Revenue Generated:	\$ -					
Annual Cost Savings:	\$ -					
Annual Increase in Operating Costs:	\$ -					
Projected Future Savings:	\$ -					

PROJECT INFORMATION

Name: Other Projects - Schools **Project #** 320-681901-580330

2012 Comprehensive Plan Reference: PFS-1.2 (p.83); PFS-2.2 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project provides funding for unforeseen projects in our school buildings. These projects are likely repair/replacement of major components in the schools that may fail or require major costly repairs.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	10,000	35,000	35,000	35,000	35,000	150,000
Total Costs	\$ -	\$ 10,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 150,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	10,000	35,000	35,000	35,000	35,000	150,000
Total Funding	\$ -	\$ 10,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 150,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	✓
Financial Impacts						
Annual Revenue Generated:	\$ -					
Annual Cost Savings:	\$ -					
Annual Increase in Operating Costs:	\$ -					
Projected Future Savings:	\$ -					

PROJECT INFORMATION

Name: Planting & Beautification **Project #** 320-651420-580330

2012 Comprehensive Plan Reference: EC-1.2 (p. 49); ENV-1.3 (p. 33); CA-1.5 (p. 103); CA-4.2 (p. 106)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
✓	Economy			Housing
✓	Community Appearance			Transportation
	Land Use		✓	Other City Plan/Policy

Statement of Need:
 This project provides for streetscape improvements and new/replacement trees/shrubs/flowers at public buildings. This project also includes benches, planters, and tree pit maintenance.

Operating Cost(s): Upkeep on trees/shrubs/flowers with fertilizers, mulch and pesticide treatments.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	25,000	30,000	30,000	30,000	30,000	30,000	150,000
Total Costs	\$ 25,000	\$ 30,000	\$ 150,000				

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	25,000	30,000	30,000	30,000	30,000	30,000	150,000
Total Funding	\$ 25,000	\$ 30,000	\$ 150,000				

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	✓
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	
Financial Impacts						
Annual Revenue Generated:	\$ -					
Annual Cost Savings:	\$ -					
Annual Increase in Operating Costs:	\$ -					
Projected Future Savings:	\$ -					

PROJECT INFORMATION

Name: Tree Removal **Project #** 320-651420-580330

2012 Comprehensive Plan Reference: EC-1.2 (p. 49); ENV-1.3 (p. 33); CA-1.5 (p. 103); CA-4.2 (p. 106)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
✓	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 This project provides for the removal and replacement of trees in residential areas throughout the city. There is a high volume of dead or dying trees located in the utility strips along the right of way, which is between the sidewalk and the curb. These trees need to be removed to prevent future safety issues. (\$85k)



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Right of Way	-	42,500	42,500	-	-	-	85,000
Total Costs	\$ -	\$ 42,500	\$ 42,500	\$ -	\$ -	\$ -	\$ 85,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	42,500	42,500	-	-	-	85,000
Total Funding	\$ -	\$ 42,500	\$ 42,500	\$ -	\$ -	\$ -	\$ 85,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	✓	Cable TV	Police		
Project Design Start Date			CD&P	PW Admin		
Construction Start Date			City Manager	PW Fleet		
Project Completion Date	06/30/20		Finance	PW Operations		✓
		Fire	PW Signs/Signal			
		Historic	PW Stormwater			
		Human Svc	PW Streets			
		IT	PW Transport			
		Parks & Rec	PW Wastewater			
		Personnel	Schools			

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ 1,000
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Rescue Engine Replacement **Project #** 320-611730-580105

2012 Comprehensive Plan Reference: PFS - 2.2/2.4 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 According to the Fairfax Volunteer Fire Department (FVFD) and the City of Fairfax Fire Department multi-year Apparatus Replacement Plan the 2004 Pierce Rescue Engine is in need of replacement in October 2019 (FY 2020 CIP).

 This vehicle served as the front line Rescue Engine for 8 years and was then moved to reserve status for 8 years. This request is inclusive of the cost to replace the extrication equipment and fire hose carried on this vehicle. These items also have reached the end of their life cycle.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	-	1,200,000	-	-	-	-	1,200,000
Total Costs	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Financing	-	1,200,000	-	-	-	-	1,200,000
Total Funding	\$ -	\$ 1,200,000	\$ -	\$ -	\$ -	\$ -	\$ 1,200,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	10/01/18		✓	Cable TV		Police
Project Design Start Date	11/01/18	CD&P			PW Admin	
Construction Start Date	07/01/19	City Manager			PW Fleet	
Project Completion Date	11/01/19	Finance			PW Operations	
Financial Impacts			Fire	✓	PW Signs/Signal	
Annual Revenue Generated:	\$ -		Historic		PW Stormwater	
Annual Cost Savings:	\$ -		Human Svc		PW Streets	
Annual Increase in Operating Costs:	\$ -		IT		PW Transport	
Projected Future Savings:	\$ -		Parks & Rec		PW Wastewater	
			Personnel		Schools	

PROJECT INFORMATION

Name: Vehicle Exhaust System for Station 3 **Project #** 320-611749-580105

2012 Comprehensive Plan Reference: PFS 2.4 (84)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 Hazardous diesel exhaust emissions in the fire station are a significant cancer health risk for firefighters. The World Health Organization classified diesel exhaust as carcinogenic to humans based upon significant medical evidence. To help eliminate hazards in the workplace, the department is requesting funds to upgrade the electrical system and to purchase/install a vehicle exhaust system at Station 3 for the heavy apparatus and medic units.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	150,000	-	-	-	-	150,000
Total Costs	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Financing	-	150,000	-	-	-	-	150,000
Total Funding	\$ -	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000

Estimated Project Timeline		New Project	Responsible Department(s):				
Project Origination Date	08/01/19		✓	Cable TV		Police	
Project Design Start Date				CD&P		PW Admin	
Construction Start Date				City Manager		PW Fleet	
Project Completion Date	12/30/19			Finance		PW Operations	
		Fire		✓	PW Signs/Signal		
Financial Impacts			Historic		PW Stormwater		
Annual Revenue Generated:	\$ -		Human Services		PW Streets		
Annual Cost Savings:	\$ -		IT		PW Transport		
Annual Increase in Operating Costs:	\$ -		Parks & Rec		PW Wastewater		
Projected Future Savings:	\$ -		Personnel		Schools		

PROJECT INFORMATION

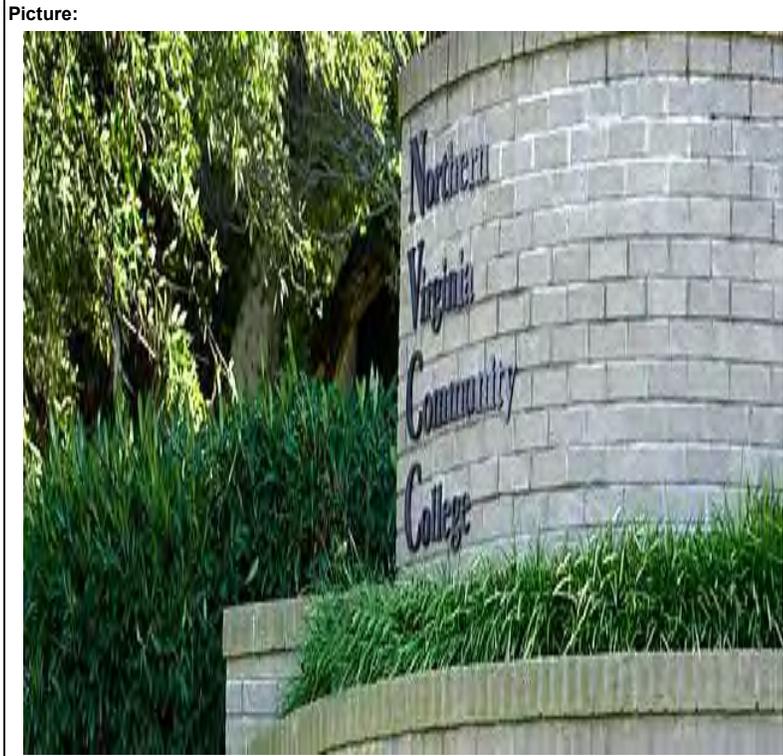
Name: Northern Virginia Community College **Project #** 320-611901-580330

2012 Comprehensive Plan Reference: PFS-1.2 (p. 83)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
This project provides for the City's share of capital expenditures for the Northern Virginia Community College.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	52,328	53,606	54,946	56,320	57,728	59,171	281,771
Total Costs	\$ 52,328	\$ 53,606	\$ 54,946	\$ 56,320	\$ 57,728	\$ 59,171	\$ 281,771

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	52,328	53,606	54,946	56,320	57,728	59,171	281,771
Total Funding	\$ 52,328	\$ 53,606	\$ 54,946	\$ 56,320	\$ 57,728	\$ 59,171	\$ 281,771

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

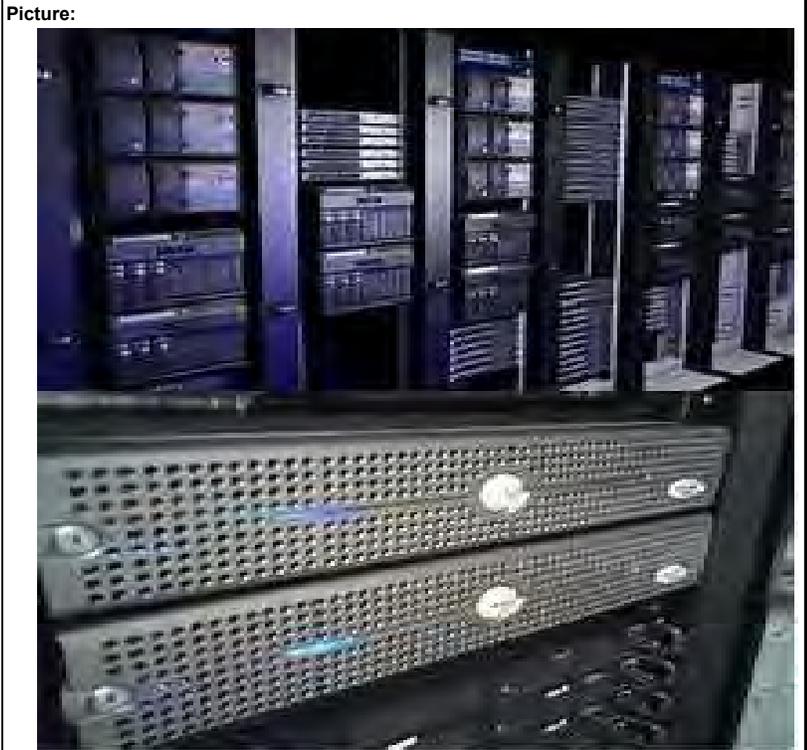
Name: Datacenter server and storage replacement	Project # 320-611613-580330
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2012 Comprehensive Plan Reference: PFS-2.5 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 The City has two datacenters, one primary datacenter that provides most of the network services in the City and one datacenter that acts as a redundant backup system to be used if any system or systems go down in the primary datacenter. As of 2020, EMC will cease support on the City's Data Storage Systems and Dell will cease support on the City's Virtual Server Systems. This project would allow for the replacement of the existing Data Storage Systems and the existing Virtual Server Systems. The new systems will take up less space, require less power, create less heat and provide a faster and more stable environment for the City's network services.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	50,000	50,000	-	-	-	-	50,000
Total Costs	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	50,000	50,000	-	-	-	-	50,000
Total Funding	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date	07/01/17	Cable TV
Project Design Start Date	07/01/17	CD&P
Construction Start Date	10/01/18	City Manager
Project Completion Date	10/01/19	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ 6,700
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ 186,000

PROJECT INFORMATION

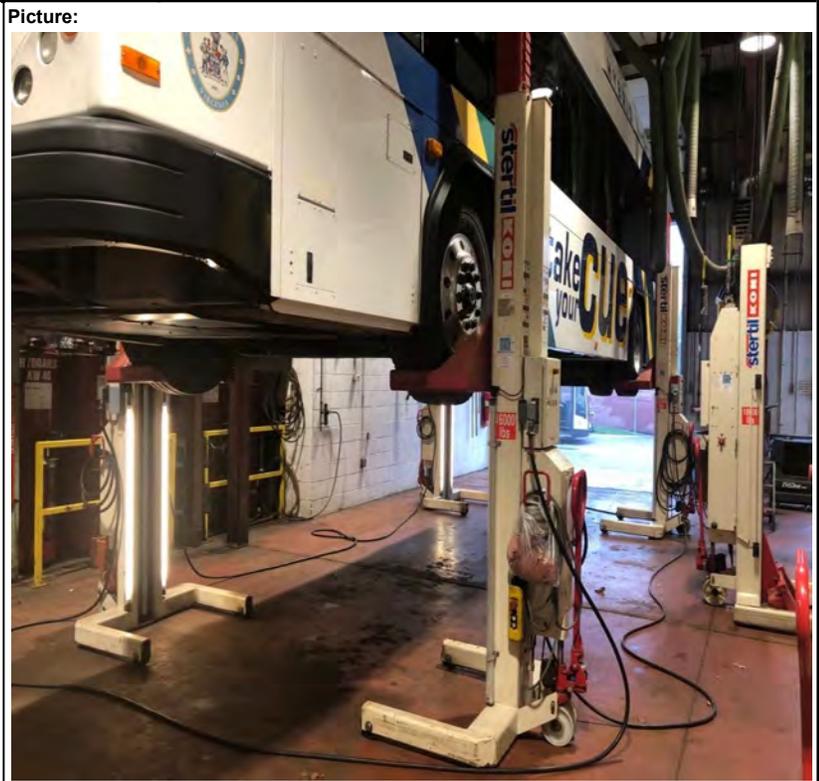
Name: Fleet Maintenance Lift Replacement **Project #** 320-611486-580108

2012 Comprehensive Plan Reference: PFS-1.4 (p.83)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project provides for the replacement of the vehicle lifts in the Fleet Garage. These lifts are used in the daily operation of the garage, they are used to perform repairs and preventative maintenance on all city vehicles/equipment. The lifts have a life expectancy of 15-20 years and will reach their lift expectancies in FY 2020 thru FY 2024 respectively. The lifts are used on an average of six hours per day. It's important to replace these lifts on schedule to help prevent potential safety hazards and to meet the ANSI/ALI safety requirements.
 FY 2020>Bay 7 \$45k
 FY 2021>Bay 1 \$18k
 FY 2022>Bay 2 \$15k
 FY 2024>Bay 4 \$160k



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	-	45,000	18,000	15,000	-	160,000	238,000
Total Costs	\$ -	\$ 45,000	\$ 18,000	\$ 15,000	\$ -	\$ 160,000	\$ 238,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	14,400	18,000	15,000	-	160,000	207,400
State - DRPT	-	30,600	-	-	-	-	30,600
Total Funding	\$ -	\$ 45,000	\$ 18,000	\$ 15,000	\$ -	\$ 160,000	\$ 238,000

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date	07/01/19		Cable TV	Police
Project Design Start Date	07/01/19	CD&P	PW Admin	
Construction Start Date	09/01/19	City Manager	PW Fleet	
Project Completion Date	10/01/19	Finance	PW Operations	
		Fire	PW Signs/Signal	
		Historic	PW Stormwater	
		Human Svc	PW Streets	
		IT	PW Transport	
		Parks & Rec	PW Wastewater	
		Personnel	Schools	

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Fuel Island Maintenance	Project # 320-611487-580108
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2012 Comprehensive Plan Reference: PFS-1.4 (p.83)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
This project provides maintenance of the Fuel Island at the Property Yard facility. Work proposed includes:

FY2020> Tank Relining and Concrete Replacement: This project is to refurbish the current Gasoline and Diesel Underground Storage Tanks and to clean, re-line and repair any damaged areas on two 12k gallon underground gasoline and diesel tanks. The current tanks are over 23 years old and are made from steel vs. the newer tanks which are made of fiberglass to prevent corrosion. The concrete surface covering the tanks has deteriorated and is breaking away from the cracks. This requires removal and installation of new concrete. (\$120k)

FY2021> Wireless Card Reader: This project is to purchase and install a wireless module on all the fleet. This module will communicate wirelessly with the fuel pump when the fleet needs fuel. This upgrade will eliminate the wrong fuel from being added to the fleet, and will track the fuel mileage, allowing for proper tracking of MPG. (\$80k)

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	-	-	80,000	-	-	-	80,000
Infrastructure Maint/Repair/Upgrade	60,000	120,000		-	-	-	120,000
Total Costs	\$ 60,000	\$ 120,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 200,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	60,000	107,760	71,840	-	-	-	179,600
State - DRPT	-	12,240	8,160	-	-	-	20,400
Total Funding	\$ 60,000	\$ 120,000	\$ 80,000	\$ -	\$ -	\$ -	\$ 200,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19		Cable TV	Police		
Project Design Start Date		CD&P	PW Admin			
Construction Start Date		City Manager	PW Fleet			✓
Project Completion Date	06/30/20	Finance	PW Operations			
		Fire	PW Signs/Signal			
		Historic	PW Stormwater			
		Human Svc	PW Streets			
		IT	PW Transport			
		Parks & Rec	PW Wastewater			
		Personnel	Schools			

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

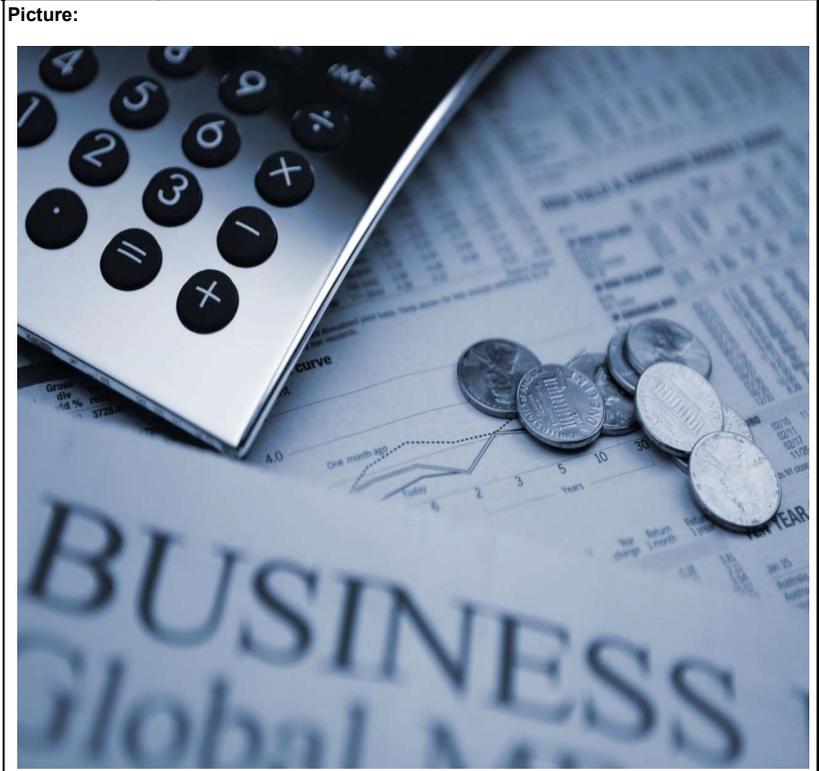
Name: Finance System Audit **Project #** 320-611207-580108

2012 Comprehensive Plan Reference: PFS-2.5 (p.84)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance		Transportation
Land Use	✓	Other City Plan/Policy

Statement of Need:
 The City currently is using Central Square Finance Plus system for its bookkeeping, budgeting, payroll, and financial reporting (GL System). The City has outgrown this system and needs a system that is more robust as well as modular to handle its future needs. This project is the first phase of the replacement process of this system and the second phase will be the purchase of a new GL system beginning in FY2022. In this phase, the City will seek a third party to conduct a full needs assessment, build a requirements document, and assist in the project bidding process. One major benefit of this project is that it makes our implementation estimate significantly more accurate because the assessment helps to reduce any surprises and minimize scope creep. This project is not an additional cost to the replacement process because it is replacing the cost that most vendors build into their quotes to gather requirements and then develop the project plan and revised estimate.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	-	40,000	-	-	-	-	40,000
Total Costs	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	40,000	-	-	-	-	40,000
Total Funding	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	✓	Cable TV		Police	
Project Design Start Date	07/01/19		CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	10/01/19		Finance	✓	PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT	✓	PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel	✓	Schools	

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ 40,000

PROJECT INFORMATION								
Name: Emergency Comm and Records Management Systems Upgrade				Project # 320-611613-580108				
2012 Comprehensive Plan Reference:		PFS - 2.4 (p.84)						
Comprehensive Plan Element								
✓	Public Service and Facilities					Environment		
	Economy					Housing		
	Community Appearance					Transportation		
	Land Use					Other City Plan/Policy		
Statement of Need: In January 2006, the Police Department purchased a new software program (New World Systems) to upgrade existing records management software (RMS), computer aided dispatch (CAD) software, and mobile computing/field-based reporting software (Mobile). Each distinct software system is integrated and communicates seamlessly to a central database. In FY 2016 the department upgraded our field reporting system. We are seeking to further enhance our operations by purchasing new software for the final two modules. Our current software is approaching end of life and software modifications are no longer supported by our vendor. The proposed upgrade will enhance operations by providing a new interface platform for the Emergency Communications Center and the department records section. The system will provide an integrated map across all three platforms, support NG-911 (Next-Generation 911), increase efficiency, and permit the sharing of RMS data among multiple servers. The new system will provide new and increased access to actionable intelligence data as well as instant access to statistics, graphs and mapping information. The new software also contains an upgraded alert system which will permit dispatchers to give officers better real-time information on potentially dangerous persons or places.				Picture: 				
Funding Allocation		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade		-	127,000	127,000	-	-	-	254,000
Total Costs		\$ -	\$ 127,000	\$ 127,000	\$ -	\$ -	\$ -	\$ 254,000
Funding Sources		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund		-	127,000	127,000	-	-	-	254,000
Total Funding		\$ -	\$ 127,000	\$ 127,000	\$ -	\$ -	\$ -	\$ 254,000
Estimated Project Timeline			New Project	Responsible Department(s):				
Project Origination Date		07/01/19		Cable TV		Police	✓	
Project Design Start Date				CD&P		PW Admin		
Construction Start Date				City Manager		PW Fleet		
Project Completion Date		01/01/21		Finance		PW Operations		
			Fire		PW Signs/Signal			
Financial Impacts				Historic		PW Stormwater		
Annual Revenue Generated:		\$ -		Human Svc		PW Streets		
Annual Cost Savings:		\$ -		IT		PW Transport		
Annual Increase in Operating Costs:		\$ -		Parks & Rec		PW Wastewater		
Projected Future Savings:		\$ -		Personnel		Schools		

PROJECT INFORMATION

Name: Police Facility Security System Upgrade **Project #** 320-611621-580330

2012 Comprehensive Plan Reference: PFS - 2.4 (P.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 In 2006 the police department moved into its new facility and installed an analog camera and door keycard access system. The funding for the initially proposed security system was reduced to minimize final costs to the building project. The originally installed system consisted of separate camera and door keycard access systems. It was incompatible with Internet Protocol (IP) based cameras and provided 15-18 days of backup recording. Upgrades to the antiquated technology was not considered cost efficient and initial funding was approved in FY 2018 for a replacement system. The new IP based security system utilizes one software solution to combine the camera and key card access systems, increases back-up recording time to 12 months, permits access to externally located IP cameras (City Hall or any other external location), and allows for future camera expansion and recording space upgrades. FY 2020 is the third year of a multi-year project and funding this year will permit us to purchase and install additional cameras and hardware.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment - New Purchase	15,000	15,000	15,000	-	-	-	30,000
Total Costs	\$ 15,000	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ 30,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	15,000	15,000	15,000	-	-	-	30,000
Total Funding	\$ 15,000	\$ 15,000	\$ 15,000	\$ -	\$ -	\$ -	\$ 30,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/18		Cable TV		Police	<input checked="" type="checkbox"/>
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	12/01/21		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	
Financial Impacts						
Annual Revenue Generated:	\$ -					
Annual Cost Savings:	\$ -					
Annual Increase in Operating Costs:	\$ 2,000					
Projected Future Savings:	\$ 2,000					

PROJECT INFORMATION

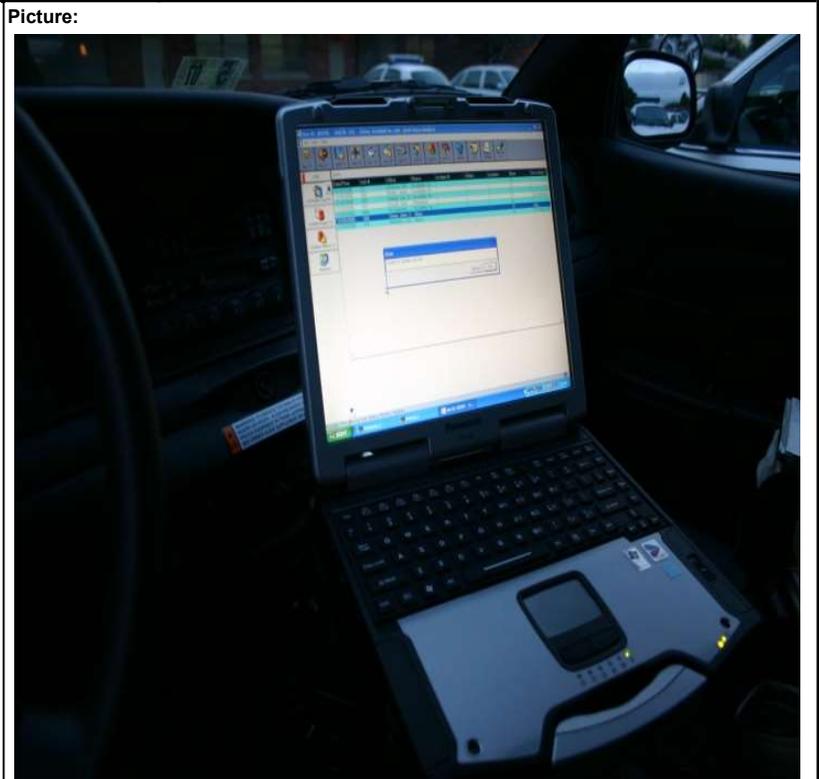
Name: Police Information Technology Program **Project #** 320-611607-580330

2012 Comprehensive Plan Reference: PFS - 2.4 (p.84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 Projected expenditures are based on industry standards for the replacement of the department's servers, required software applications, desktop computers, printers, switches, mobile data computers (MDC's are the laptops used in cruisers) and other critical components of the department's IT infrastructure. The most significant costs are associated with 12 physical and 15 virtual servers, and the significant number of mobile and office computers necessary to streamline work productivity and to maintain the police department's critical IT systems. The replacement of major IT components is based on a projected lifecycle to avoid catastrophic failures as well as replacing minor equipment such as printers, keyboards, cables, mobile storage media, scanners, etc.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	81,147	83,581	86,088	88,670	91,330	94,070	443,739
Total Costs	\$ 81,147	\$ 83,581	\$ 86,088	\$ 88,670	\$ 91,330	\$ 94,070	\$ 443,739

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	81,147	83,581	86,088	88,670	91,330	94,070	443,739
Total Funding	\$ 81,147	\$ 83,581	\$ 86,088	\$ 88,670	\$ 91,330	\$ 94,070	\$ 443,739

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
			Fire	PW Signs/Signal
			Historic	PW Stormwater
			Human Svc	PW Streets
			IT	PW Transport
			Parks & Rec	PW Wastewater
			Personnel	Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Police Vehicle Replacement **Project #** 320-611620-580105

2012 Comprehensive Plan Reference: PFS - 2.4 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This funding provides for the replacement of police vehicles that are aging and would require extensive maintenance costs to retain. Police vehicles are generally replaced every five to ten years depending on type of vehicle, use, condition, mileage and department needs. The vehicle replacement request includes the base price of the vehicles, build costs, as well as the equipment costs for lights, sirens, in-car video, consoles and racks, prisoner shields, and vehicle markings. All vehicles recommended for replacement are experiencing frequent maintenance issues and have high overall operating costs. Vehicles recommended for replacement in FY 2020:

YR	Vehicle	Assigned to	Mileage	Replacement Cost
2006	Harley Motorcycle	SOD	42,972	\$ 32,500
2008	Ford Crown Vic	SOD	85,179	\$ 56,500
2008	Ford Crown Vic	CID	96,919	\$ 56,500
Total				\$ 145,500

The Ford Crown Victorias will be replaced with Ford Police Interceptor SUVs. Total vehicle cost consists of the following components:

Vehicle	\$31,450	In-Car Video	\$4,600
Build out	\$14,500	Armored Doors	\$3,200
Light Bar	\$ 1,900	Striping	\$ 850



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	160,000	145,500	150,000	150,000	150,000	150,000	745,500
Total Costs	\$ 160,000	\$ 145,500	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 745,500

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	160,000	145,500	150,000	150,000	150,000	150,000	745,500
Total Funding	\$ 160,000	\$ 145,500	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 745,500

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings (5 years):	\$ 35,000

PROJECT INFORMATION

Name: Refuse & Recycling Trucks Replacement **Project #** 320-611501-580105

2012 Comprehensive Plan Reference: PFS-2.2 (p.84)

Comprehensive Plan Element			
✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		✓ Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project provides for the replacement of the trash and recycling trucks for the Refuse and Recycling Department in the Operations Division. It is necessary to replace these truck every eight years due to the daily use, condition and parts availability . The city owns a total of 7 trash/recycling trucks with a replacement value of \$1.75M. These trucks service an estimate of 6,500 homes on a weekly basis.

FY 2020-FY 2024 details on following page.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	-	980,000	-	250,000	-	-	1,230,000
Total Costs	\$ -	\$ 980,000	\$ -	\$ 250,000	\$ -	\$ -	\$ 1,230,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Financing	-	980,000	-	-	-	-	980,000
General Fund	-	-	-	250,000	-	-	250,000
Total Funding	\$ -	\$ 980,000	\$ -	\$ 250,000	\$ -	\$ -	\$ 1,230,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date		✓	Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	✓
Project Completion Date	Ongoing		Finance		PW Operations	
Financial Impacts			Fire		PW Signs/Signal	
Annual Revenue Generated:	\$ -		Historic		PW Stormwater	
Annual Cost Savings:	\$ -		Human Svc		PW Streets	
Annual Increase in Operating Costs:	\$ -		IT		PW Transport	
Projected Future Savings (5 years):	\$ 158,201		Parks & Rec		PW Wastewater	
			Personnel		Schools	

Refuse Trash/Recycling Truck Replacement (FY 2020 Adopted)



EQ #: 681
Make/Model: Mack/Recycle Truck
Assignment: Refuse

Entire body is covered in rust that's starting to scale. All hydraulic cylinders are seeping fluid and need to be rebuilt. The bushings for the rear cylinders have a lot of wear and need to be refurbished. Engine needs to be pulled and resealed due to multiple leaks.



EQ #: 685
Make/Model: Mack/Trash Truck
Assignment: Refuse

The truck needs a new body due to wear and rust scales. Temporary repairs have been made to keep the truck in service. The engine needs to be pulled and resealed due to multiple leaks. The LTD operating cost has exceeded the original purchase cost.



EQ #: 687
Make/Model: Mack/Trash Truck
Assignment: Refuse

The truck needs a new body due to wear and rust scales. Temporary repairs have been made to keep the truck in service. The engine needs to be pulled and resealed due to multiple leaks. The hydraulic system needs to be replaced due to losing PSI during operations



EQ #: 686
Make/Model: Mack/Trash Truck
Assignment: Refuse

The truck needs a new body due to wear and rust scales. Temporary repairs have been made to keep the truck in service. The engine needs to be pulled and resealed due to multiple leaks. The repair cost has steadily increase over the past couple years due to condition.

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Refuse Trash/Recycling Truck Replacement Chart - FY 2020 Public Works																
Equipment #	Yr / Make / Model	Assignment	September 2018 Odometer Reading	Age Years	Replacement Schedule	Estimate Replacement (thousands)	Age	Miles	Obsolete	Request By Dept	Safety	Condition	Downtime Hrs	Repair \$	Parts Availability	Recommended Replacement
FY 2020 Purchases																
685	2012 Mack Trash Truck	Refuse	46,730	8	8	245,000				X	X	X	X			Equivalent Trash Truck
681	2010 Mack Recycling Truck	Refuse	42,212	11	8	245,000				X	X			X		Equivalent Recycling Truck
687	2012 Mack Trash Truck	Refuse	50,827	8	8	245,000				X	X	X	X			Equivalent Trash Truck
686	2012 Mack Trash Truck	Refuse	57,071	8	8	245,000				X	X	X	X			Equivalent Trash Truck

PROJECT INFORMATION								
Name: Vehicle & Equipment Replacement (Cash Purchases Only)				Project # 320-611501-580105				
2012 Comprehensive Plan Reference:		PFS-2.2 (p. 84)						
Comprehensive Plan Element								
✓	Public Service and Facilities						Environment	
	Economy						Housing	
	Community Appearance						Transportation	
	Land Use						Other City Plan/Policy	
Statement of Need: This project provides for the replacement of City vehicles and equipment that are worn and require extensive maintenance. This project also ensures safe equipment is provided to conduct City operations. Replacement vehicles/equipment will meet new EPA emissions regulations. The City has 391 vehicles and major pieces of equipment, with a replacement value of \$25,498,000. Vehicles and equipment are replaced every 8 to 30 years, depending on type, use, condition, parts, availability and department requirements.				Picture: 				
Funding Allocation		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade		552,000	609,000	1,236,000	1,298,000	454,000	1,959,000	5,556,000
Total Costs		\$ 552,000	\$ 609,000	\$ 1,236,000	\$ 1,298,000	\$ 454,000	\$ 1,959,000	\$ 5,556,000
Funding Sources		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund		552,000	609,000	1,236,000	1,298,000	454,000	1,959,000	5,556,000
Total Funding		\$ 552,000	\$ 609,000	\$ 1,236,000	\$ 1,298,000	\$ 454,000	\$ 1,959,000	\$ 5,556,000
Estimated Project Timeline		New Project		Responsible Department(s):				
Project Origination Date				Cable TV		Police		
Project Design Start Date				CD&P		PW Admin		
Construction Start Date				City Manager		PW Fleet	✓	
Project Completion Date		Ongoing		Finance		PW Operations		
				Fire		PW Signs/Signal		
				Historic		PW Stormwater		
				Human Svc		PW Streets		
				IT		PW Transport		
				Parks & Rec		PW Wastewater		
				Personnel		Schools		
Financial Impacts								
Annual Revenue Generated:		\$	-					
Annual Cost Savings:		\$	-					
Annual Increase in Operating Costs:		\$	-					
Projected Future Savings (5 years):		\$	101,816					

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Vehicle & Equipment Replacement Chart - FY 2020 Public Works

Equipment #	Yr / Make / Model	Assignment	September 2018 Odometer Reading	Age Years	Replacement Schedule	Estimate Replacement	Age	Miles	Obsolete	Request By Dept	Safety	Condition	Downtime Hrs	Repair \$	Parts Availability	Recommended Replacement
FY 2020 Purchases																
435	2004 JOHN DEERE 710G BACKHOE	Asphalt	2,953	15	15	\$ 180,000					X	X		X		Equivalent Backhoe
437	2007 GMC MEDIUM DUTY UTILITY BOX TRUCK	Storm Water	61,386	13	10	125,000	X				X	X	X	X		Equivalent Utility Truck
346	2005 CHEVROLET VAN	Code Inspector	41,178	15	10	55,000	X		X	X	X					4wd Pickup Truck
420	2004 WANCO WTSP75-LSA ARROW BOARD	Storm Water	N/A	16	12	7,000	X				X	X				Equivalent Arrow Board
467	1998 GMC TOP KICK FLAT BED TRUCK	Sign & Signal	59,873	21	12	65,000	X		X	X	X				X	Medium Duty Utility Truck
498	2006 VER-MAC MESSAGE BOARD	Sign & Signal	N/A	14	12	20,000	X		X			X			X	Equivalent Message Board
211	2007 CHEVROLET TRAILBLAZER	PW Inspections	70,555	12	12	32,000					X	X	X			Equivalent SUV
456	2006 GMC C7500 DUMP TRUCK	Concrete	63,550	14	12	125,000	X		X	X				X	X	Medium Duty Utility Truck

*Vehicles/Equipment are in priority order.

\$ 609,000

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Vehicle and Equipment Replacement (FY 2020 Adopted)



EQ #: 435
Make/Model: John Deere 710G Backhoe
Assignment: Asphalt

Massive amount of rust is present around engine and all structural pieces on the machine. Several hydraulic cylinders need to be refurbished. Joysticks are in need of refurbishing.



EQ #: 437
Make/Model: GMC Utility Truck
Assignment: Storm Drain

Complete undercarriage has scaling rust. Electrical system for entire vehicle has multiple issues. Engine and transmission need to be resealed for multiple leaks. Interior components are showing rust.



EQ #: 346
Make/Model: Chevrolet Van
Assignment: Code Inspections

Body has exterior rust. Frame is forming a good amount of rust coverage. Engine has multiple leaks that need to be resealed. Due to change in operations, vehicle does not properly serve as needed.



EQ #: 420
Make/Model: Wanco Arrow Board
Assignment: Storm Drain

Severe rust has occurred on the entire trailer, undercarriage. The electronics for the arrow direction need to be upgraded to current model.

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Vehicle and Equipment Replacement (FY 2020 Adopted)



EQ #: 498
Make/Model: Vermac Message Board
Assignment: Sign & Signal

Operating system is obsolete due to age. Frame of trailer has severe scaling rust present. Display screen needs to be refurbished.



EQ #: 211
Make/Model: Chevrolet Trailblazer
Assignment: PW Inspections

This vehicle was assigned to the water line locator and paint has leaked over complete interior and needs to be replaced. Multiple electrical/HVAC issues need refurbishing. LTD operating cost has exceeded the original purchase cost.



EQ #: 456
Make/Model: GMC Dump Truck
Assignment: Concrete

Repair parts are becoming obsolete due to age. LTD operation cost has well exceeded the original purchase cost. Department's operation has changed and a different model of truck is needed to serve in their operation.



EQ #: 467
Make/Model: GMC Flatbed Truck
Assignment: Sign & Signal

Complete drive train is in need of overhaul due to multiple leaks and age. Electric components and interior parts are obsolete, and a complete dashboard is needed. Undercarriage is covered in rust. Parts have become extremely hard to locate due to age.

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

REQUEST FOR EQUIPMENT PURCHASE OR RENTAL					
Project Name: Vehicle and Equipment Replacement FY 2022					
For Fiscal Year: 2022			Cost		
Form of Acquisition				Per Unit	Total
X	Purchase	Total Estimate Cost		see below	\$1,298,000
	Rental/Lease	Plus, Installation or Other Charge			\$0
		Less, Trade-in or Other Discount			\$0
24	# of Units Requested	Net Cost or Rental			\$1,298,000
Purpose of Expenditure: Scheduled replacement; present equipment obsolete; replace worn-out equipment; reduce personnel time; expand service; new operation; increase safety.					
Replaced Item(s)					
Item	Year	Age	Prior Years		
			Maintenance Costs	Purchase Cost	Lease Payment
207-Chevrolet Impala	2005	17		20,000	
221-GMC 12 Pass. Van	2006	16		40,000	
300-Ford Explorer	2013	9		50,000	
312-Ford F-350 Pickup	2006	16		60,000	
345-Chevrolet 3/4 Ton Utility Truc	2004	18		80,000	
392-Scotty Code Training Trailer	2003	19		58,000	
393-Haulmark Cert 1/4 Ton Traile	2002	20		20,000	
401-Camsuperliner Trailer	2010	12		12,000	
405-Kaesar M57 Air Compressor	2010	12		20,000	
428-GMC 3/4 Ton Pickup	2008	14		50,000	
430-Volvo Roller	2008	14		40,000	
438-Chevrolet 1 Ton Pickup	2008	14		50,000	
448-GMC W5500 Form Truck	2006	16		75,000	
4506-RGC Hydrapack HV2312	2012	10		11,000	
454-Sakai SW300 Roller	2003	19		35,000	
455-Ford F-550 Utility Truck	2011	11		100,000	
465-Homesteader 610CS Trailer	2010	12		4,000	
610-Ford F-350 Pickup	2013	9		55,000	
683-Mack Terrapro Brush Truck	2011	11		260,000	
715-Chevrolet Cargo Van	2007	15		40,000	
724-Wells Cargo EW2024 Trailer	2008	14		13,000	
732-Toro Mower	2010	12		95,000	
929-Ford F-250 Pickup	2008	14		40,000	
930-Ford F-350 Mobile Repair Tru	2010	12		70,000	
TOTAL				\$ 1,298,000	
Recommended Disposition of Replaced Items					
	Possible Use by Other Depts.		Trade-In		Sale
Submitted by: Operations		Date:		Public Works	

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

REQUEST FOR EQUIPMENT PURCHASE OR RENTAL					
Project Name: Vehicle and Equipment Replacement FY 2024					
For Fiscal Year: 2024		Cost			
Form of Acquisition				Per Unit	Total
X	Purchase	Total Estimate Cost		see below	\$1,959,000
	Rental/Lease	Plus, Installation or Other Charge			\$0
		Less, Trade-in or Other Discount			\$0
25	# of Units Requested	Net Cost or Rental			\$1,959,000
Purpose of Expenditure: Scheduled replacement; present equipment obsolete; replace worn-out equipment; reduce personnel time; expand service; new operation; increase safety. Vehicles are in priority order.					
Replaced Item(s)					
Item	Year	Age	Prior Years		
			Maintenance Costs	Purchase Cost	Lease Payment
226-Ford Fusion Hybrid	2012	12		35,000	
298-Chevrolet Colorado Pickup	2012	12		35,000	
304-Chevrolet Tahoe	2014	10		50,000	
314-Ford F-350 Battalion Truck	2008	16		120,000	
380-Ford Explorer	2014	10		50,000	
390-Kawasaki Mule Utility	2013	11		40,000	
440-Trafix Devices Scorpion	2012	12		30,000	
445-Freightliner M2 Dump Truck	2012	12		180,000	
446-Freightliner M2 Dump Truck	2012	12		180,000	
447-Freightliner M2 Dump Truck	2012	12		180,000	
4508-Bobcat 40 Hyd Plainer	2012	12		25,000	
451-Bobcat S-570 Skid Loader	2013	11		80,000	
459-Freightliner M2 Dump Truck	2012	12		180,000	
480-Ford F-250 Pickup	2015	9		45,000	
481-Ford F-350 Pickup	2015	9		40,000	
609-Homesteader Trailer	2012	12		5,000	
660-Bobcat S70 Skid Steer Load	2015	9		40,000	
676-Mack Terrapro Brush Truck	2015	9		265,000	
6138-Exmark LazerZ Mower	2016	8		11,000	
714-Ford F-350 Pickup	2015	9		45,000	
733-Bobcat Skid Loader	2013	11		60,000	
735-Wenger Encore Show Mobile	2001	23		160,000	
743-Toro Sandpro Mower	2013	11		18,000	
903-Ford F-350 Pickup	2015	9		45,000	
925-Toyota Forklift	2009	15		40,000	
TOTAL				\$ 1,959,000	
Recommended Disposition of Replaced Items					
	Possible Use by Other Depts.		Trade-In		Sale
Submitted by: Operations		Date:		Public Works	

PROJECT INFORMATION

Name: Van Dyck Park Tennis Court Fence Replacement **Project #** 320-651739-580330

2012 Comprehensive Plan Reference: PFS-2.2 (p. 84), PRO-3.1 (p. 94), CA-1.5 (p. 103)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
✓	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
Replacement of fencing around Van Dyck tennis courts. This was identified in the adopted 2014 Strategic Plan as action item strategy 1.4.1. and is endorsed by PRAB.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	20,000	-	-	-	-	20,000
Total Costs	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	20,000	-	-	-	-	20,000
Total Funding	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date	10/01/19		Cable TV	Police
Project Design Start Date	10/01/19	CD&P	PW Admin	
Construction Start Date	11/15/19	City Manager	PW Fleet	
Project Completion Date	10/01/20	Finance	PW Operations	
		Fire	PW Signs/Signal	
		Historic	PW Stormwater	
		Human Svc	PW Streets	
		IT	PW Transport	
		Parks & Rec	✓ PW Wastewater	
		Personnel	Schools	
Financial Impacts				
Annual Revenue Generated:	\$ -			
Annual Cost Savings:	\$ -			
Annual Increase in Operating Costs:	\$ -			
Projected Future Savings:	\$ -			

PROJECT INFORMATION

Name: Green Acres Bocci Court and Shade Structure **Project #** 320-651225-580330

2012 Comprehensive Plan Reference: PRO-3.1, 3.4 (P.94)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
✓	Community Appearance		Transportation
✓	Land Use		Other City Plan/Policy

Statement of Need:
 The Green Acres bocci court is in need of replacement. In addition, the large shade tree that provided protection from the sun had died and was removed. Therefore, a shade structure is needed for the bocci court, horseshoes and picnic area. The bocci court is used on a regular basis by the Senior Center and is the location of the annual Senior Olympics for bocci. This project has been endorsed by PRAB.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Construction	-	20,000	-	-	-	-	20,000
Equipment - New Purchase	-	20,000	-	-	-	-	20,000
Total Costs	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	40,000	-	-	-	-	40,000
Total Funding	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date	07/01/19		✓	Cable TV
Project Design Start Date	07/01/19	CD&P		PW Admin
Construction Start Date	09/01/19	City Manager		PW Fleet
Project Completion Date	10/01/19	Finance		PW Operations
Financial Impacts			Fire	PW Signs/Signal
Annual Revenue Generated:	\$ -		Historic	PW Stormwater
Annual Cost Savings:	\$ 500		Human Svc	PW Streets
Annual Increase in Operating Costs:	\$ -		IT	PW Transport
Projected Future Savings:	\$ -		Parks & Rec	PW Wastewater
			Personnel	Schools

PROJECT INFORMATION

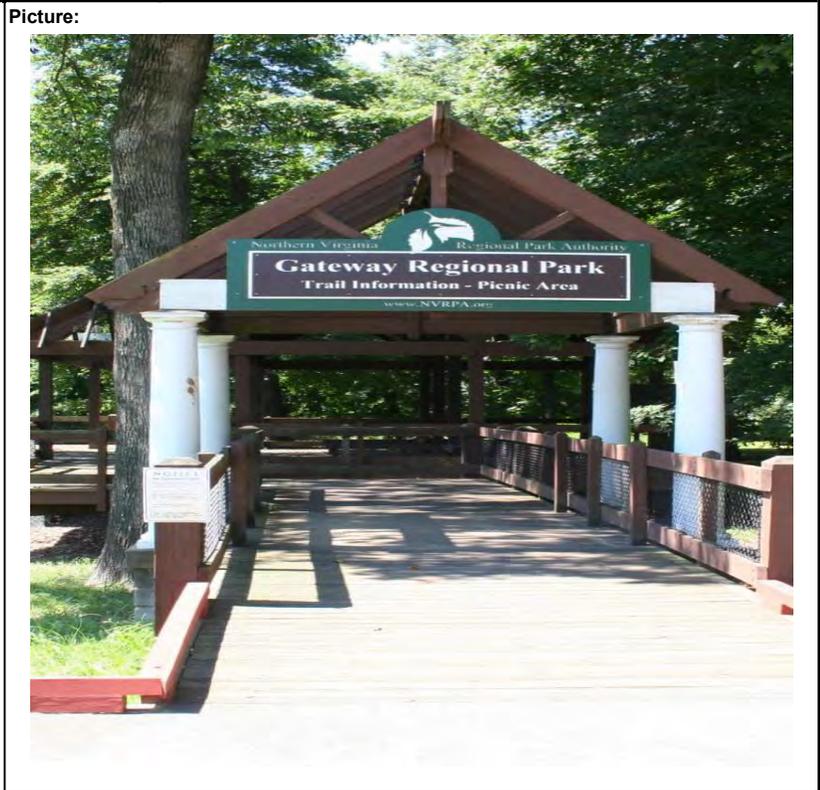
Name: Northern Virginia Regional Park Authority-NOVA Parks **Project #** 320-651601-580330

2012 Comprehensive Plan Reference: ENV-6.1, 6.3 (p. 36)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use	<input checked="" type="checkbox"/>	Other City Plan/Policy

Statement of Need:
This project provides for the City's population-based share of the capital expenditures for the NVRPA.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	62,101	62,700	62,800	62,900	63,000	63,100	314,500
Total Costs	\$ 62,101	\$ 62,700	\$ 62,700	\$ 62,900	\$ 63,000	\$ 63,100	\$ 314,500

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	62,101	62,700	62,800	62,900	63,000	63,100	314,500
Total Funding	\$ 62,101	\$ 62,700	\$ 62,800	\$ 62,900	\$ 63,000	\$ 63,100	\$ 314,500

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
			Fire	PW Signs/Signal
			Historic	PW Stormwater
			Human Svc	PW Streets
			IT	PW Transport
			Parks & Rec	<input checked="" type="checkbox"/> PW Wastewater
			Personnel	Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Ratcliffe Park Pavilion Replacement **Project #** 320-651340-580330

2012 Comprehensive Plan Reference: PFS-2.2 (p. 84), PRO-3.1 (p. 94), CA-1.5 (p. 103)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		Environment
<input checked="" type="checkbox"/>	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 Replace pavilion at Ratcliffe Park identified as in poor shape in the 2014 Strategic Master Plan. The pavilion replacement will be a compliment to the new playground.

This project is recommended by PRAB.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	25,000	-	-	-	-	25,000
Total Costs	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	25,000	-	-	-	-	25,000
Total Funding	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ 25,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19		Cable TV		Police	
Project Design Start Date	07/30/19		CD&P		PW Admin	
Construction Start Date	11/01/19		City Manager		PW Fleet	
Project Completion Date	12/31/19		Finance		PW Operations	
Financial Impacts		Personnel	Fire		PW Signs/Signal	
Annual Revenue Generated:	\$ 5,000		Historic		PW Stormwater	
Annual Cost Savings:	\$ 500		Human Svc		PW Streets	
Annual Increase in Operating Costs:	\$ -		IT		PW Transport	
Projected Future Savings:	\$ -		Parks & Rec	<input checked="" type="checkbox"/>	PW Wastewater	
				Schools		

PROJECT INFORMATION

Name: Annual - General Park Asphalt Resurfacing **Project #** 320-651193-580330

2012 Comprehensive Plan Reference: PFS-2.2 (p. 84), PRO-3.1 (p. 94), CA-1.5 (p. 103)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
✓	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 As identified in the adopted 2014 Strategic Master Plan under strategy 1.4.1 to maintain and improve our existing facilities, amenities and structures. Many of the asphalt trails and parking lots have not been repaved in over 20 years and continued neglect will result in larger costs to repair base and sub-base in addition to the asphalt surface. FY 2019 requests funds to repair and top coat the entrance and parking lot at the Westmore School Site and contribute to expanding the parking lot at Providence Elementary School for the mutual benefit of the school and athletic complex. FY 2020 request includes funds for top coating Stafford and Providence Park parking lots repairing and repaving pathways at Providence Elementary School athletic complex. This has been adopted in the strategic plan and is endorsed by PRAB.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	50,000	25,000	50,000	50,000	50,000	50,000	225,000
Total Costs	\$ 50,000	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 225,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	50,000	25,000	50,000	50,000	50,000	50,000	225,000
Total Funding	\$ 50,000	\$ 25,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 225,000

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
Financial Impacts			Fire	PW Signs/Signal
Annual Revenue Generated:	\$ -		Historic	PW Stormwater
Annual Cost Savings:	\$ -		Human Svc	PW Streets
Annual Increase in Operating Costs:	\$ -		IT	PW Transport
Projected Future Savings:	\$ -	Parks & Rec	✓ PW Wastewater	
		Personnel	Schools	

PROJECT INFORMATION

Name: **Playground Equipment Maintenance & Replacement** **Project #** 320-651190-580330

2012 Comprehensive Plan Reference: PFS-2.2 (p. 84), PRO-3.1 (p. 94), CA-1.5 (p. 103)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
✓	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project will fund the purchase and installation of replacement playground equipment and parts in parks as required for safety reasons. FY 2020 funding request is \$50,000 in order to replace play equipment components and single pieces at several parks. Annual funding was identified in the adopted 2014 Strategic Plan as action item strategy 1.4.1. and is endorsed by PRAB.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Total Costs	\$ 50,000	\$ 250,000					

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Total Funding	\$ 50,000	\$ 250,000					

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
			Fire	PW Signs/Signal
			Historic	PW Stormwater
			Human Svc	PW Streets
			IT	PW Transport
			Parks & Rec	✓ PW Wastewater
			Personnel	Schools
Financial Impacts				
Annual Revenue Generated:	\$ -			
Annual Cost Savings:	\$ -			
Annual Increase in Operating Costs:	\$ -			
Projected Future Savings:	\$ -			

PROJECT INFORMATION

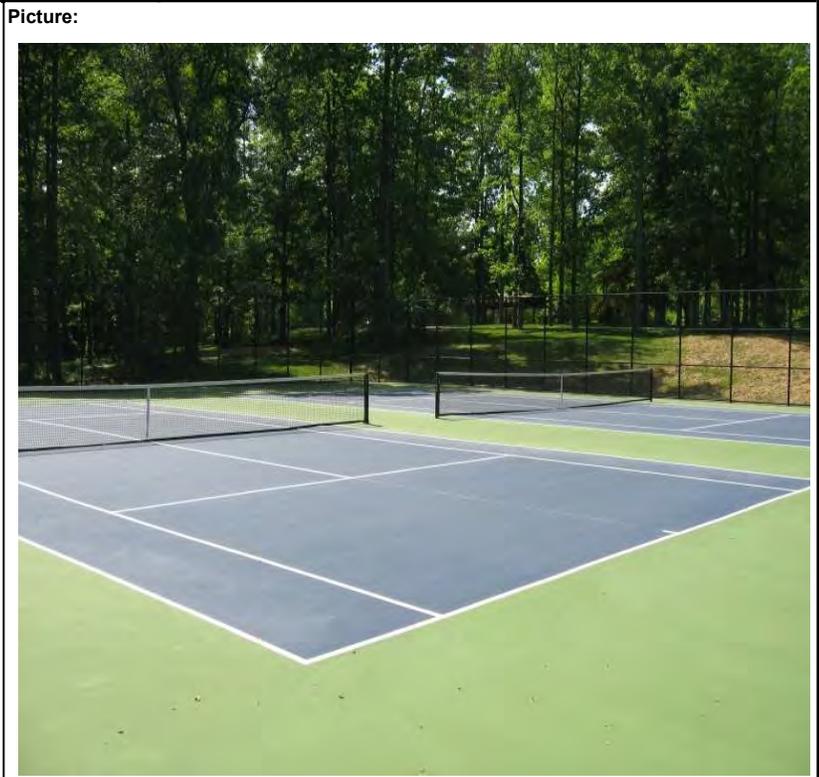
Name: Providence, Westmore, Kutner & Van Dyck Tennis Courts **Project #** 320-651194-580330

2012 Comprehensive Plan Reference: PFS-2.2 (p. 84), PRO-3.1 (p. 94), CA-1.5 (p. 103)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
✓	Economy		Housing
✓	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 As identified in the adopted 2014 Strategic Master Plan under strategy 1.4.1 to maintain and improve our existing facilities, amenities and structures, the following repairs and resurfacing projects for tennis courts is proposed. The industry standard is to do crack repair, pond filling and re-coating every 3 years and total resurfacing every 12. Van Dyck needs crack repair and recoating on two courts which would be done in FY 2020 and complete rehab on two courts which would be in FY 2021. This has been adopted in the strategic plan and is endorsed by PRAB.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	30,000	70,000	-	-	-	100,000
Total Costs	\$ -	\$ 30,000	\$ 70,000	\$ -	\$ -	\$ -	\$ 100,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	30,000	70,000	-	-	-	100,000
Total Funding	\$ -	\$ 30,000	\$ 70,000	\$ -	\$ -	\$ -	\$ 100,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19		Cable TV		Police	
Project Design Start Date	07/01/19		CD&P		PW Admin	
Construction Start Date	09/01/19		City Manager		PW Fleet	
Project Completion Date	11/01/19		Finance		PW Operations	
Financial Impacts		Personnel	Fire		PW Signs/Signal	
Annual Revenue Generated:	\$ -		Historic		PW Stormwater	
Annual Cost Savings:	\$ -		Human Svc		PW Streets	
Annual Increase in Operating Costs:	\$ -		IT		PW Transport	
Projected Future Savings:	\$ -		Parks & Rec	✓	PW Wastewater	
				Schools		

PROJECT INFORMATION

Name: Wastewater Pump Station Containment **Project #** 403-435120-580450

2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 The purpose of this request is to protect the environment from pump station failures/overflow. Currently, there is no backup system to contain wastewater if a storage facility filled and overflowed. A structure would be built to eliminate a porous base and enclose the pump area for wastewater containment. This structure would allow for emergency crew response.

FY 2020 – University Dr Pump Station

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment - New Purchase	50,000	50,000	-	-	-	-	50,000
Total Costs	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	50,000	50,000	-	-	-	-	50,000
Total Funding	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/18			Cable TV	Police	
Project Design Start Date	07/30/18			CD&P	PW Admin	
Construction Start Date				City Manager	PW Fleet	
Project Completion Date	06/30/20	Finance		PW Operations		
			Fire	PW Signs/Signal		
			Historic	PW Stormwater		
			Human Svc	PW Streets	✓	
			IT	PW Transport		
			Parks & Rec	PW Wastewater		
			Personnel	Schools		

PROJECT INFORMATION

Name: Noman M. Cole Plant Upgrade **Project #** 403-435130-530835

2012 Comprehensive Plan Reference: PFS-2.2 (p. 84)

Comprehensive Plan Element

Public Service and Facilities		✓	Environment
Economy			Housing
Community Appearance			Transportation
Land Use			Other City Plan/Policy

Statement of Need:
The cost of the Noman M. Cole Plant Upgrade project is approximately \$42 million, which is the City's portion of the total plant upgrade costs.

Current program activity involves point (treated; end of pipe) and non-point (sheet runoff) discharges as is enforced today under the Clean Water Act. Therefore, much of the work at the NMCCP is mandated and under stringent deadlines.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	6,849,000	5,200,000	5,865,000	5,272,000	5,673,000	5,659,000	27,669,000
Total Costs	\$ 6,849,000	\$ 5,200,000	\$ 5,865,000	\$ 5,272,000	\$ 5,673,000	\$ 5,659,000	\$ 27,669,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	6,849,000	5,200,000	5,865,000	5,272,000	5,673,000	5,659,000	27,669,000
Total Funding	\$ 6,849,000	\$ 5,200,000	\$ 5,865,000	\$ 5,272,000	\$ 5,673,000	\$ 5,659,000	\$ 27,669,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date		CD&P		PW Admin	✓	
Construction Start Date		City Manager	✓	PW Fleet		
Project Completion Date	Ongoing	Finance	✓	PW Operations		
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets		
		IT		PW Transport		
		Parks & Rec		PW Wastewater		
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Sanitary Sewer Line Repair and Replacement **Project #** 403-435120-580449

2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
Sanitary Sewer Line Repair and Replacement Program will be utilized to address sanitary sewer lines that have deteriorated and cannot be lined. Repair and replacement is identified during the annual TV evaluation program.

Locations currently identified:

- Intersection of Hill St & Norman Ave
- Bevan Dr & Orchard St
- Scott Dr & Hill St
- Warwick Ave & Meredith Dr
- Addison Ct & Collier Rd
- 4147 Addison Rd, behind property
- 3818 Ren Rd & Fairchester Dr
- 10204 Rodgers Rd -- FY 2020
- Virginia St & Dwight Ave
- 3801 Pickett Rd, in woods behind building -- FY 2020
- 4001 Virginia St -- FY 2020
- 3705 McLean Ave -- FY 2020
- 10645 Ashby PI -- FY 2020

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	110,000	112,000	114,000	116,000	119,000	122,000	583,000
Total Costs	\$ 110,000	\$ 112,000	\$ 114,000	\$ 116,000	\$ 119,000	\$ 122,000	\$ 583,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	110,000	112,000	114,000	116,000	119,000	122,000	583,000
Total Funding	\$ 110,000	\$ 112,000	\$ 114,000	\$ 116,000	\$ 119,000	\$ 122,000	\$ 583,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Sanitary Sewer Lining - 10" and Under **Project #** 403-435120-580441

2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 The Sanitary Sewer Lining Program extends the life of existing sanitary sewer lines via the installation of a plastic liner on the inside wall of the pipes. As sanitary sewer lines age, structural deterioration and loss of thickness in the pipe crown occurs because of hydrogen sulfide gas. Settlement and tree root damage can also occur if the system is not well maintained. In some cases, slip lining sanitary sewers is the only method to eliminate root invasion. Selection of specific locations for the program will be prioritized based upon maintenance history, pipe age and structural stability. The objective for the program is to slip line 100 percent of the inventory over a 20 year planning horizon. This equates to relining approximately 3,000 linear feet of sanitary sewer per year.



FY 2020 - Fairchester subdivision

Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	470,000	470,000	480,000	480,000	490,000	500,000	2,420,000
Total Costs	\$ 470,000	\$ 470,000	\$ 480,000	\$ 480,000	\$ 490,000	\$ 500,000	\$ 2,420,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	470,000	470,000	480,000	480,000	490,000	500,000	2,420,000
Total Funding	\$ 470,000	\$ 470,000	\$ 480,000	\$ 480,000	\$ 490,000	\$ 500,000	\$ 2,420,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Sanitary Sewer Manhole Rehabilitation **Project #** 403-435120-580442

2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 The Sanitary Sewer Manhole Rehabilitation Program repairs deteriorated manholes. As sanitary sewer manholes age, they will deteriorate on the inside resulting in structural instability and increased infiltration and inflow which must be treated at the County's Noman Cole Plant. Hydrogen Sulfide (H2S) gas in sewage is a major contributing factor. To extend the life of the manholes, lost concrete must be replaced with a H2S resistant material. This may be accomplished by using either a 10,000-psi concrete coating with a special chemical additive or a plastic liner. Manholes will be rehabilitated in conjunction with the sanitary sewer lining projects. As more lining occurs, more manhole rehabilitation is required. There are approximately 3,000 manholes and the City currently rehabilitates approx. 40 manholes per year.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	120,000	122,000	125,000	127,000	130,000	132,000	636,000
Total Costs	\$ 120,000	\$ 122,000	\$ 125,000	\$ 127,000	\$ 130,000	\$ 132,000	\$ 636,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	120,000	122,000	125,000	127,000	130,000	132,000	636,000
Total Funding	\$ 120,000	\$ 122,000	\$ 125,000	\$ 127,000	\$ 130,000	\$ 132,000	\$ 636,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

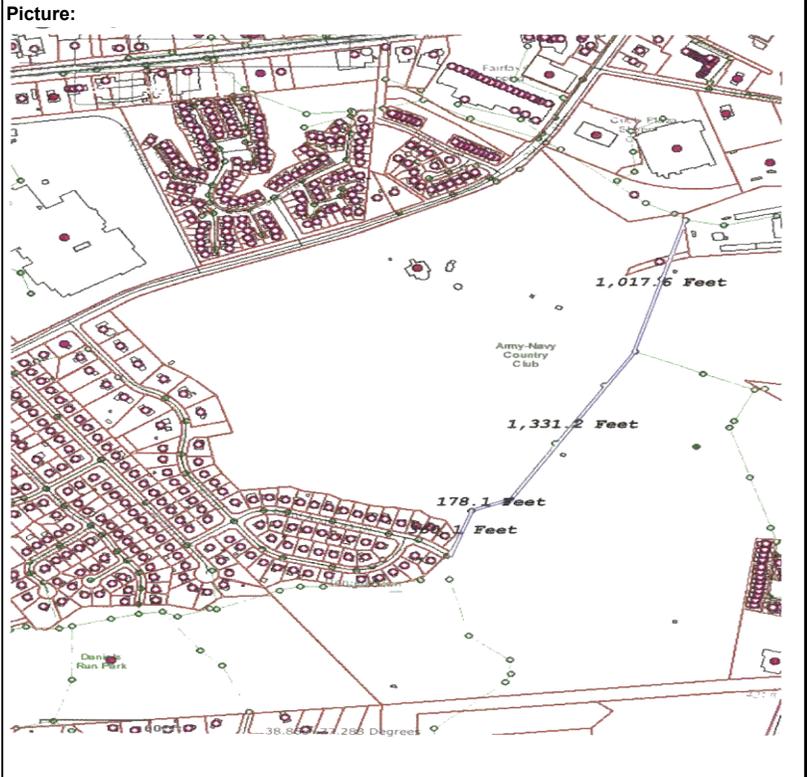
Name: Sanitary Sewer Trunk Lining - Over 10" **Project #** 403-435120-580440

2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities	✓	Environment
	Economy		Housing
	Community Appearance		Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 The Sanitary Sewer Lining Program extends the life of existing sanitary sewer lines via the installation of a plastic liner on the inside wall of the pipes. As sanitary sewer lines age, structural deterioration and loss of thickness in the pipe crown occurs because of hydrogen sulfide gas. Settlement and tree root damage can also occur if the system is not well maintained. In some cases, slip lining sanitary sewers is the only method to eliminate root invasion. Selection of specific locations for the program will be prioritized based upon maintenance history, pipe age and structural stability. The objective for the program is to slip line 100 percent of the inventory over a 25 year planning horizon. Operation requires wastewater pump around which costs one third of the total rehab project cost. The golf course section is approximately 2,500 LF and must occur in one phase. Trunk lines over 10" require a pump around and equipment matting which increase line costs to approximately \$350.00 LF.



FY 2020 - Army-Navy Country Club Golf Course

Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	550,000	875,000	600,000	650,000	650,000	650,000	3,425,000
Total Costs	\$ 550,000	\$ 875,000	\$ 600,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,425,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	550,000	875,000	600,000	650,000	650,000	650,000	3,425,000
Total Funding	\$ 550,000	\$ 875,000	\$ 600,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,425,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Sewage Pumping Stations R&R **Project #** 403-435120-580428

2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities		<input checked="" type="checkbox"/>	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
This project is to maintain the five pump station's infrastructure to include:

- Evaluate/test stations
- Address deficiencies
- Force main evaluation
- Pipe replacement
- Generator replacement
- Concrete infrastructure repair/replace
- Structure maintenance
- Asphalt replacement
- Pump/valve replacement

FY 2020 - University Dr Pump Station

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Total Costs	\$ 30,000	\$ 150,000					

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Total Funding	\$ 30,000	\$ 150,000					

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date		CD&P		PW Admin		
Construction Start Date		City Manager		PW Fleet		
Project Completion Date	Ongoing	Finance		PW Operations		
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets	✓	
		IT		PW Transport		
		Parks & Rec		PW Wastewater		
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION								
Name: Wastewater Stream Pipe Encasement Project					Project # 403-435120-580451			
2012 Comprehensive Plan Reference:		ENV-2.1 (p. 34); PFS-2.2 (p. 84)						
Comprehensive Plan Element								
✓	Public Service and Facilities		✓	Environment				
	Economy		Housing					
	Community Appearance		Transportation					
	Land Use		Other City Plan/Policy					
Statement of Need:		Picture:						
<p>The purpose of this request is to provide maintenance and structural improvements to the wastewater stream crossings to avoid wastewater spillage into the area's watershed. Wastewater lines require concrete encasement. The current crossings require rehabilitation and additional encasement. Pipe rehabilitation requires stream restoration due to years of erosion and pipe encasement. There is approximately 19,000 lft of pipe that travels through a body of water. The cost has increased due to federal permit and restoration requirements after sewer encasement work has been completed.</p> <p>FY 2020 - Heritage Ln and Traveler St.</p>								
Funding Allocation		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade		150,000	153,000	156,000	159,000	162,000	166,000	796,000
Total Costs		\$ 150,000	\$ 153,000	\$ 156,000	\$ 159,000	\$ 162,000	\$ 166,000	\$ 796,000
Funding Sources		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund		150,000	153,000	156,000	159,000	162,000	166,000	796,000
Total Funding		\$ 150,000	\$ 153,000	\$ 156,000	\$ 159,000	\$ 162,000	\$ 166,000	\$ 796,000
Estimated Project Timeline			New Project	Responsible Department(s):				
Project Origination Date				Cable TV	Police			
Project Design Start Date				CD&P	PW Admin			
Construction Start Date				City Manager	PW Fleet			
Project Completion Date				Ongoing	Finance	PW Operations		
				Fire	PW Signs/Signal			
				Historic	PW Stormwater			
				Human Svc	PW Streets			
				IT	PW Transport			
				Parks & Rec	PW Wastewater			
				Personnel	Schools			
Financial Impacts								
Annual Revenue Generated:			\$ -					
Annual Cost Savings:			\$ -					
Annual Increase in Operating Costs:			\$ -					
Projected Future Savings:			\$ -					

PROJECT INFORMATION

Name: Geographic Information System (GIS) for Wastewater	Project # 403-435120-580448
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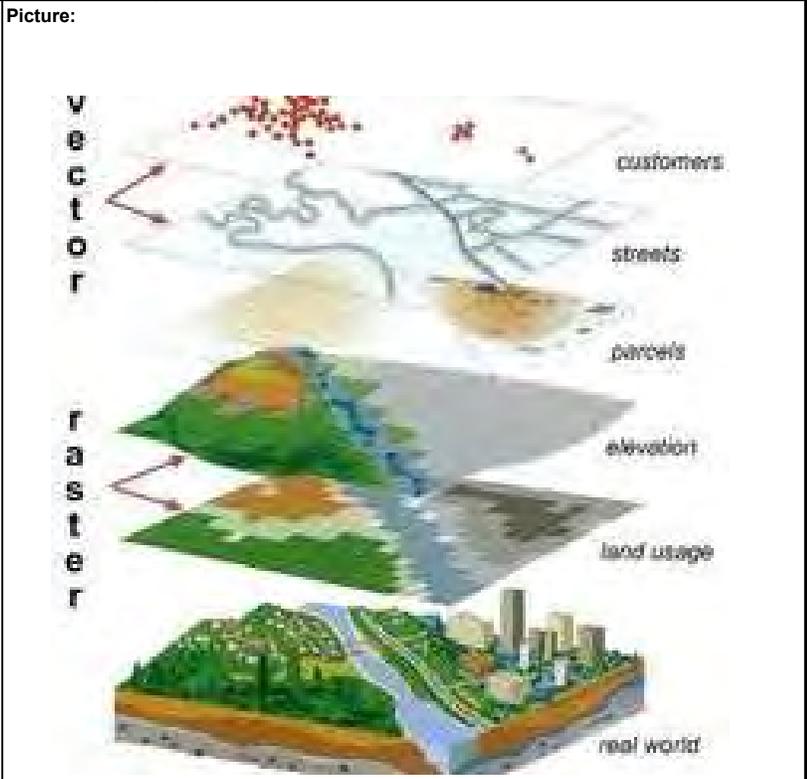
2012 Comprehensive Plan Reference: PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 GIS captures, stores, analyzes, manages and presents data that is linked to the sanitary sewer collection system. A calibrated hydraulic model will allow City staff to make accurate decisions based on existing capacity when approached by new development and/or redevelopment, plan for future capacity needs in growth corridors and assess wet weather impacts on the capacity of the existing system.

The project will provide the development of a geodatabase and subsequent collection of inventory data on the existing sanitary sewer system (i.e. pump station, meter vault, manholes, pipe, size, inverts, pipe material, age, etc.) that will be stored in the GIS. The information will be used to support the phased development of an all-pipes hydraulic model over a three (3) year period, with FY 2020 as the last year of the project. Continuing out years will be support services for the model. The model will be used to assist in proper planning, capacity assessment and making prioritized rehabilitation and repair decisions.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	130,000	130,000	15,000	10,000	10,000	10,000	175,000
Total Costs	\$ 130,000	\$ 130,000	\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 175,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	130,000	130,000	15,000	10,000	10,000	10,000	175,000
Total Funding	\$ 130,000	\$ 130,000	\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 175,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/17		Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	06/30/20	Finance		PW Operations		
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets		
		IT	✓	PW Transport		
		Parks & Rec		PW Wastewater	✓	
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Sanitary Sewer Evaluation	Project # 403-435120-580443
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2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 The Sanitary Sewer Evaluation Program is a Capacity Management, Operations and Maintenance (CMOM) program designed to create a City Wastewater program that includes a sewer overflow response plan, a Fats, Oil and Grease (FOG) program, and a preventative maintenance plan that evaluates the existing infrastructure. The majority of the gravity collection system is in excess of 30 to 50+ years old and designed to convey sanitary sewer flow to Fairfax County's Noman Cole Wastewater Treatment Plant.

This program will systematically assess the condition of the aging infrastructure city-wide, prioritize repairs and quantify impacts of infiltration and inflow over a three (3) year period. These efforts will prioritize the rehabilitation and repair work required to provide a sustainable sanitary sewer collection system and reduce the likelihood of sanitary sewer overflows. Additional funding in the out years will be for continued maintenance including continued manhole inspections, ongoing flow data monitoring, ongoing CCTV work, pump station rehab reports and force main evaluation and repair work prioritization reports.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	300,000	300,000	200,000	200,000	200,000	150,000	1,050,000
Total Costs	\$ 300,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 150,000	\$ 1,050,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	300,000	300,000	200,000	200,000	200,000	150,000	1,050,000
Total Funding	\$ 300,000	\$ 300,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 150,000	\$ 1,050,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets		
		IT		PW Transport		
		Parks & Rec		PW Wastewater	✓	
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Wastewater Equipment Replacement **Project #** 403-435120-580454

2012 Comprehensive Plan Reference: PFS-2.2 (P. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 Wastewater System Vehicle Replacement provides for the replacement of vehicles and equipment for the Sewer Collection Maintenance Division. It is necessary to replace items which are worn and require extensive maintenance. This also provides safe equipment to maintain wastewater collection.

FY 2020-FY 2024 details on following page.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment Repair/Replace/Upgrade	84,000	415,000	225,000	520,000	-	60,000	1,220,000
Total Costs	\$ 84,000	\$ 415,000	\$ 225,000	\$ 520,000	\$ -	\$ 60,000	\$ 1,220,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Wastewater Fund	84,000	415,000	225,000	520,000	-	60,000	1,220,000
Total Funding	\$ 84,000	\$ 415,000	\$ 225,000	\$ 520,000	\$ -	\$ 60,000	\$ 1,220,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

REQUEST FOR EQUIPMENT PURCHASE OR RENTAL					
Project Name: Wastewater FY 2020 - FY 2024 Vehicle and Equipment Replacement					
FY 2020 - FY 2024		Cost			
Form of Acquisition			Per Unit	Total	
X	Purchase	Total Estimate Cost	see below	\$1,220,000	
	Rental/Lease	Plus, Installation or Other Charge		\$0	
		Less, Trade-in or Other Discount		\$0	
9	# of Units Requested	Net Cost or Rental		\$1,220,000	
Purpose of Expenditure: Scheduled replacement; present equipment obsolete; replace worn-out equipment; reduce personnel time; expand service; new operation; increase safety for all Wastewater vehicles and equipment..					
Replaced Item(s)					
Item	Year	Age	Prior Years		
			Maintenance Costs	Purchase Cost	Lease Payment
413-GMC Flush Truck	2001	18		\$ 415,000	
FY 2020 Replacement Total				\$ 415,000	
531-Ingersol Air Compressor	2008	13		\$ 20,000	
572-Ford Ranger Line Locator Pickup	2011	10		35,000	
588-GMC W5500 TV Truck	2007	14		80,000	
597-GMC Roll Off Truck	2005	16		90,000	
FY 2021 Replacement Total				\$ 225,000	
524-Jet Away Easement Machine	2002	20		\$ 35,000	
561-Ford F-350 Utility Pickup	2008	14		\$ 65,000	
590-International Flush Truck	2009	13		420,000	
FY 2022 Replacement Total				\$ 520,000	
577-Obrien Mobile Sewer Flush	2012	12		\$ 60,000	
FY 2024 Replacement Total				\$ 60,000	
TOTAL (FY2020-FY2024)				\$ 1,220,000	
Recommended Disposition of Replaced Items					
	Possible Use by Other Depts.	Trade-In		Sale	
Submitted by: Operations		Date:		Public Works	

Wastewater FY 2020 Vehicle and Equipment Replacement (Adopted)



EQ #: 413
Make/Model: GMC/Flush Truck
Assignment: Waste Water/Storm Drain

Parts have become obsolete due to age of unit. A new storage tank is needed and temporary repairs have been made to keep unit in service. Complete hydraulic system needs to be replaced due to age. Multiple fluid leaks from drivetrain need to be repaired. Water pump needs to be refurbished. Truck replacement has been deferred for 6 years

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

Wastewater Vehicle & Equipment Replacement Chart - FY 2020 Public Works																
Equipment #	Yr / Make / Model	Assignment	September 2018 Odometer Reading	Age Years	Replacement Schedule	Estimate Replacement	Age	Miles	Obsolete	Request By Dept	Safety	Condition	Downtime Hrs	Repair \$	Parts Availability	Recommended Replacement
FY 2020 Purchases																
413	2001 GMC TOP KICK FLUSH TRUCK	Waste/Storm Water	28,745	18	12	415,000	X		X		X	X			X	Equivalent Flush Truck

PROJECT INFORMATION

Name: Brick Sidewalk and Crosswalk Maintenance **Project #** 320-631313-580330

2012 Comprehensive Plan Reference: EC-1.2 (p. 49); PFS-2.2 (p. 84); CA-1.4 (p. 103); CA-1.5 (p. 103); T-7.2.1 (p. 133)

Comprehensive Plan Element

✓	Public Service and Facilities		Environment
	Economy		Housing
	Community Appearance	✓	Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project provides funds to contract the repair of brick sidewalks and brick crosswalks. There is approximately 165,500 square feet of brick sidewalk and 1,000 square feet of brick crosswalk in the City. Since the first brick sidewalks were installed in the mid-1970's, this program has been necessary to properly maintain the brickwork.

 The objective is for the program to rebuild 100 percent of the inventory over a 38 year period. This equates to rebuilding approximately 4,800 sq ft of brickwork per year.

 FY 2020 - East Bound Main Street.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	109,000	55,500	113,000	116,000	118,000	120,000	522,500
Total Costs	\$ 109,000	\$ 55,500	\$ 113,000	\$ 116,000	\$ 118,000	\$ 120,000	\$ 522,500

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	109,000	55,500	113,000	116,000	118,000	120,000	522,500
Total Funding	\$ 109,000	\$ 55,500	\$ 113,000	\$ 116,000	\$ 118,000	\$ 120,000	\$ 522,500

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: City Sidewalk & Handicapped Ramp Replacement Program **Project #** 320-631311-580330

2012 Comprehensive Plan Reference: PFS-2.2(p. 84); CA-1.4 (p. 103)

Comprehensive Plan Element

✓	Public Service and Facilities			Environment
	Economy			Housing
	Community Appearance		✓	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 These funds are requested to perform residential sidewalk and handicapped ramp replacement city-wide. This project will continue to address Federal ADA compliance requirements and correct tripping hazards. Approximately 44 handicapped ramps and 5,000 sq ft of sidewalk would be replaced each year over a 50 year cycle. Replacement locations run in conjunction with the paving schedule.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	123,000	62,500	127,000	130,000	133,000	136,000	588,500
Total Costs	\$ 123,000	\$ 62,500	\$ 127,000	\$ 130,000	\$ 133,000	\$ 136,000	\$ 588,500

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	123,000	62,500	127,000	130,000	133,000	136,000	588,500
Total Funding	\$ 123,000	\$ 62,500	\$ 127,000	\$ 130,000	\$ 133,000	\$ 136,000	\$ 588,500

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Bridge Maintenance **Project #** 320-631137-580330

2012 Comprehensive Plan Reference: PFS 2.2 (p. 84); CA-1.5 (p. 103) T-7.3.2 (p. 134)

Comprehensive Plan Element

✓	Public Service and Facilities			Environment
	Economy			Housing
✓	Community Appearance		✓	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:

This project is to address deficiencies identified during the annual bridge inspection.

Examples include:

- Spall and crack repair
- Joint replacement
- Surface repairs
- Bridge deck evaluation and rehabilitation
- Address exposed rebar
- Remove sediment and debris from abutments
- Remove graffiti
- Waterproofing

Work would be performed annually to address preventative maintenance issues.

The three locations that will be addressed with FY 2020 funding are: Route 237 Old Lee Highway, Route 50/29 Lee Highway (Fairfax Boulevard) and Main Street Box Culvert.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	400,000	400,000	621,000	50,000	50,000	50,000	1,171,000
Total Costs	\$ 400,000	\$ 400,000	\$ 621,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 1,171,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Federal - RSTP	-	100,000	621,000	-	-	-	721,000
General Fund	400,000	300,000	-	50,000	50,000	50,000	450,000
Total Funding	\$ 400,000	\$ 400,000	\$ 621,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 1,171,000

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Roberts Road East Side Drainage and Roadway Improvements **Project #** 320-631328-580330

2012 Comprehensive Plan Reference: PFS-2.2 (p.84);

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
✓	Community Appearance		✓	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 This project will address drainage and roadway improvements on the east side of Roberts Road from Main Street to Dwight Avenue. This work is needed to collect and control stormwater runoff from Roberts Road. The stormwater runoff from Roberts Road enters several residential properties as concentrated flow which causes erosion. The designed facilities will collect and direct the stormwater flows to a curb inlet and storm sewer main. There will also be improvements to all the driveway aprons on the east side of Roberts Road.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	-	70,000	-	-	-	-	70,000
Construction	-	-	300,000	-	-	-	300,000
Total Costs	\$ -	\$ 70,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 370,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
NVTA 30%	-	70,000	300,000	-	-	-	370,000
Total Funding	\$ -	\$ 70,000	\$ 300,000	\$ -	\$ -	\$ -	\$ 370,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19		✓	Cable TV	Police	
Project Design Start Date	07/01/19	CD&P		PW Admin		✓
Construction Start Date	07/01/21	City Manager		PW Fleet		
Project Completion Date	06/30/22	Finance		PW Operations		
Financial Impacts			Fire	PW Signs/Signal		✓
Annual Revenue Generated:	\$ -		Historic	PW Stormwater		✓
Annual Cost Savings:	\$ -		Human Services	PW Streets		✓
Annual Increase in Operating Costs:	\$ -		IT	PW Transport		✓
Projected Future Savings:	\$ -		Parks & Rec	PW Wastewater		
			Personnel	Schools		

PROJECT INFORMATION

Name: Compact Excavator **Project #** 320-631393-580105

2012 Comprehensive Plan Reference: ENV-2.1 (p. 34); PFS-2.2 (p. 84)

Comprehensive Plan Element

✓	Public Service and Facilities		✓	Environment
	Economy			Housing
	Community Appearance			Transportation
	Land Use			Other City Plan/Policy

Statement of Need:

The purpose of this request is to purchase a compact excavator and hoe ram that will provide service to all four street divisions.

- Asphalt – excavate/load tight areas
- Concrete – break up/remove curb/sidewalk
- Storm – replace/install storm pipe & rehab outfalls
- Wastewater – emergency repairs to shallow wastewater breaks

The purchase of this excavator will reduce the operating budget equipment rental line which exceeded \$21,000 in FY 2018. With routine maintenance, this piece of equipment is expected to last 15 years.

Operating Cost(s): Maintenance and cleaning.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment - New Purchase	-	65,000	-	-	-	-	65,000
Total Costs	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	65,000	-	-	-	-	65,000
Total Funding	\$ -	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	✓	Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	06/30/20		Finance		PW Operations	
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets	✓	
		IT		PW Transport		
		Parks & Rec		PW Wastewater		
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ 20,000
Annual Increase in Operating Costs:	\$ 500
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Downtown Signal Pole Painting **Project #** 320-616123-580330

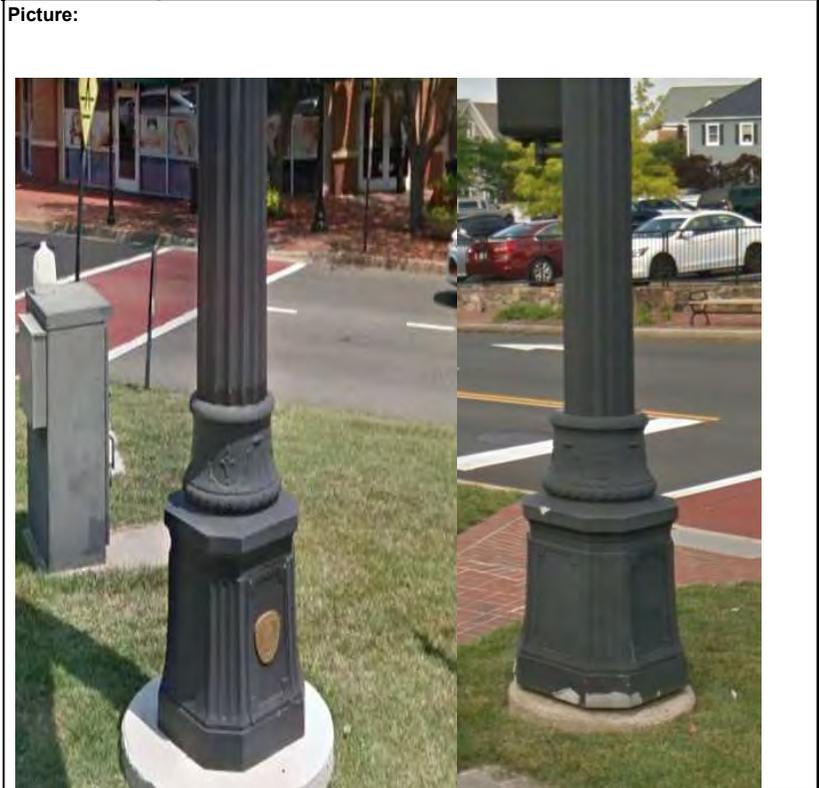
2012 Comprehensive Plan Reference: CA-4.1 (P. 106)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance	✓	Transportation
Land Use		Other City Plan/Policy

Statement of Need:
 Several traffic signal poles in the downtown area are severely faded and the paint is beginning to peel off. This project will provide funding for a contractor to paint all of the signal poles at the following locations for FY 2020:

Main St & West St
 Main St & Chain Bridge Rd
 Main St & University Dr
 Main St & East St
 Old Lee Hwy & North St
 University Dr & North St
 Chain Bridge Rd & North St



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	35,000	-	-	-	35,000	70,000
Total Costs	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 70,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Other - OTSD	-	35,000	-	-	-	35,000	70,000
Total Funding	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ 35,000	\$ 70,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	✓	Cable TV	Police		
Project Design Start Date			CD&P	PW Admin		
Construction Start Date	09/01/19		City Manager	PW Fleet		
Project Completion Date	12/31/19		Finance	PW Operations		
Financial Impacts			Fire	PW Signs/Signal		✓
Annual Revenue Generated:	\$ -		Historic	PW Stormwater		
Annual Cost Savings:	\$ -		Human Svc	PW Streets		
Annual Increase in Operating Costs:	\$ -		IT	PW Transport		
Projected Future Savings:	\$ -		Parks & Rec	PW Wastewater		
			Personnel	Schools		

PROJECT INFORMATION

Name: Bicycle Plan **Project #** 320-631394-580310

2012 Comprehensive Plan Reference: T-7.5 (p. 135), T-7.10.4 (p. 137) and Multimodal Transportation Plan

Comprehensive Plan Element

✓	Public Service and Facilities			Environment
	Economy			Housing
	Community Appearance		✓	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 This project would develop a Citywide bicycle plan. One of the goals of the Multimodal Transportation Plan is the development and adoption of a bicycle network plan for the City. This plan would identify bicycle facility recommendations, bicycle facility design standards and recommended safety education components. As the City works towards increasing and improving multimodal transportation options in the City (i.e bike share implementation), it is increasingly important to identify priority locations for improvements such as mobility/bicycle lanes, bicycle racks, signage and safe crossings.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	-	75,000	-	-	-	-	75,000
Total Costs	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
C&I	-	75,000	-	-	-	-	75,000
Total Funding	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	08/01/19	✓	Cable TV	Police		
Project Design Start Date			CD&P	PW Admin		
Construction Start Date			City Manager	PW Fleet		
Project Completion Date	08/01/20		Finance	PW Operations		
			Fire	PW Signs/Signal		
			Historic	PW Stormwater		
			Human Svc	PW Streets		
			IT	PW Transport		✓
			Parks & Rec	PW Wastewater		
			Personnel	Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Bike Share	Project # 320-631341-580108
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2012 Comprehensive Plan Reference: T-7.1.3 (p. 133), T-7.2 (p. 133), EC-2.1 (p. 51),

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities			Environment
<input checked="" type="checkbox"/>	Economy			Housing
	Community Appearance		<input checked="" type="checkbox"/>	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:

In FY 2019 the City, in partnership with Mason, Fairfax County and the Town of Vienna, conducted a bike share feasibility study. In FY 2020 the City plans to apply for Commuter Choice Program funding (I-66 Inside the Beltway) jointly with the Town of Vienna to implement the study recommendations within the City. Fairfax County already received funding through the Commuter Choice program to implement bike share in the vicinity, including at the Vienna Metrorail station, so the City and Town's application would complement this and enable the study partners (except Mason) to implement a comprehensive bike share network.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	25,000	-	-	-	-	-	-
Equipment - New Purchase	-	1,500,000	-	-	-	-	1,500,000
Total Costs	\$ 25,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
I-66 inside the Beltway	-	1,500,000	-	-	-	-	1,500,000
NVTA 30%	25,000	-	-	-	-	-	-
Total Funding	\$ 25,000	\$ 1,500,000	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	09/01/18		Cable TV		Police	
Project Design Start Date	09/01/19	CD&P		PW Admin		
Construction Start Date	02/01/21	City Manager		PW Fleet		
Project Completion Date	02/01/22	Finance		PW Operations		
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets		
		IT		PW Transport	<input checked="" type="checkbox"/>	
		Parks & Rec		PW Wastewater		
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ 10,000
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: **Multimodal Improvements** **Project #** **320-631338-580330**

2012 Comprehensive Plan Reference: **CA-11.4 (p. 103), T-7.2.1 (p. 133), T-7.2.3 (p. 134), T-7.10 (p. 136/137)**

Comprehensive Plan Element

	Public Service and Facilities			Environment
	Economy			Housing
✓	Community Appearance		✓	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 This project will construct improvements to the multimodal (bicycle, pedestrian, transit) network throughout the City consistent with the recommendations in the Multimodal Transportation Plan. This funding may be used to construct improvements (i.e. signage, striping, new crosswalks) at various locations throughout the City. The City has been awarded \$74,000 in RSTP funding in FY 2019, \$331,000 in RSTP funding in FY 2020, and \$755,462 in RSTP funding in FY 2023 for these types of improvements. This can fund a variety of improvements ranging from smaller spot improvements to larger projects such as sidewalk construction. Specific projects will be identified and discussed with the City Council prior to implementation.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Construction	74,000	331,000	-	-	755,462	-	1,086,462
Total Costs	\$ 74,000	\$ 331,000	\$ -	\$ -	\$ 755,462	\$ -	\$ 1,086,462

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Federal - RSTP	74,000	331,000	-	-	755,462	-	1,086,462
Total Funding	\$ 74,000	\$ 331,000	\$ -	\$ -	\$ 755,462	\$ -	\$ 1,086,462

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	
			IT		PW Transport	✓
			Parks & Rec		PW Wastewater	
			Personnel		Schools	

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Transit Facility Improvements		Project # 320-631718-580330	
2012 Comprehensive Plan Reference: T-7.8.2 (p. 136) T-7.5.2 (p. 135)			
Comprehensive Plan Element			
✓	Public Service and Facilities		Environment
✓	Economy		Housing
✓	Community Appearance	✓	Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 In FY 2019 the City applied for I-66 Inside the Beltway Funding to implement Transit Facility Improvements. This funding would be used to make transit improvements such as new bus shelters, transit screens, and other bus amenities. The funding would also initially pay for the evaluation that would identify the locations for these improvements. The City initially programmed \$500,000 for this project but ultimately applied for, and received, \$965,000.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	500,000	465,000	-	-	-	-	465,000
Total Costs	\$ 500,000	\$ 465,000	\$ -	\$ -	\$ -	\$ -	\$ 465,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
I-66 inside the Beltway	500,000	465,000	-	-	-	-	465,000
Total Funding	\$ 500,000	\$ 465,000	\$ -	\$ -	\$ -	\$ -	\$ 465,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	10/01/18		Cable TV		Police	
Project Design Start Date	12/01/18	CD&P		PW Admin		
Construction Start Date	06/01/19	City Manager		PW Fleet		
Project Completion Date	12/31/20	Finance		PW Operations		
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets		
		IT		PW Transport		✓
		Parks & Rec		PW Wastewater		
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION								
Name: Chain Bridge Rd Sidewalk (new location north of Kenmore)				Project # 320-631381-580331				
2012 Comprehensive Plan Reference:		CA-4-1 (P.106); T-7.2.2 (P. 133)						
Comprehensive Plan Element								
✓	Public Service and Facilities		✓	Environment				
	Economy			Housing				
✓	Community Appearance		✓	Transportation				
✓	Land Use		✓	Other City Plan/Policy				
Statement of Need: This project provides for the design and construction of curb, gutter and sidewalk on the east side of Chain Bridge Road beginning at 3739 Chain Bridge Road and ending at the intersection with Jenny Lynne Lane. The existing asphalt sidewalk has the following problems: 1) Does not provide any separation between the north bound travel lane of Chain Bridge Road and the sidewalk. 2) Does not meet requirements for ADA. 3) Presents a safety hazard. Staff requested \$350,000 to construct a new sidewalk at this location. Staff will pursue various funding opportunities for this project.				Picture:				
								
Funding Allocation		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Construction		75,000	350,000	-	-	-	-	350,000
Total Costs		\$ 75,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Funding Sources		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Other		75,000	350,000	-	-	-	-	350,000
Total Funding		\$ 75,000	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ 350,000
Estimated Project Timeline			New Project	Responsible Department(s):				
Project Origination Date		07/01/18		Cable TV	Police			
Project Design Start Date		07/01/16		CD&P	PW Admin			
Construction Start Date		07/01/20		City Manager	PW Fleet			
Project Completion Date		06/30/21		Finance	PW Operations			
			Fire	PW Signs/Signal				
			Historic	PW Stormwater				
			Human Svc	PW Streets				
			IT	PW Transport				
			Parks & Rec	PW Wastewater				
			Personnel	Schools				
Financial Impacts								
Annual Revenue Generated:		\$ -						
Annual Cost Savings:		\$ -						
Annual Increase in Operating Costs:		\$ -						
Projected Future Savings:		\$ -						

PROJECT INFORMATION

Name: FHWA Mandated Sign Retroreflectivity Compliance **Project #** 320-631316-580330

2012 Comprehensive Plan Reference: T-7.3.2 (p. 134), T-7.9.2 (p. 136)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance	✓	Transportation
Land Use		Other City Plan/Policy

Statement of Need:
 As of June 14, 2014 the City of Fairfax was required by the FHWA "to use an assessment or management method that is designed to maintain regulatory and warning sign retroreflectivity at or above the minimum levels in Table 2A-3 of the 2009 MUTCD." Regulatory signs include Speed Limit, Stop, Yield, Parking, and a few others. Warning signs include most intersection, signal, and construction signs. The chosen method of complying with this FHWA mandate is the "Blanket Replacement Method." The Sign and Signal Department will divide the City into 10 zones, with first priority given to signs along the main roads. Normal expected sign life is approximately 10 years, and this ongoing program will both improve the legibility of crucial signs and meet the FHWA mandate. The current fiscal year, FY 2020, will be year five of the ten year rotation.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	51,000	52,800	54,780	56,834	58,966	61,177	284,557
Total Costs	\$ 51,000	\$ 52,800	\$ 54,780	\$ 56,834	\$ 58,966	\$ 61,177	\$ 284,557

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	51,000	52,800	54,780	56,834	58,966	61,177	284,557
Total Funding	\$ 51,000	\$ 52,800	\$ 54,780	\$ 56,834	\$ 58,966	\$ 61,177	\$ 284,557

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
Financial Impacts			Fire	PW Signs/Signal
Annual Revenue Generated:	\$ -		Historic	PW Stormwater
Annual Cost Savings:	\$ -		Human Svc	PW Streets
Annual Increase in Operating Costs:	\$ -		IT	PW Transport
Projected Future Savings:	\$ -		Parks & Rec	PW Wastewater
			Personnel	Schools

PROJECT INFORMATION

Name: Jermantown Road Corridor Improvements **Project #** 320-631150-580330

2012 Comprehensive Plan Reference: T-7.8.1 (p. 136), T-7.8.3 (p. 136), T-7.10.1 (p. 136)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance		Transportation
Land Use		Other City Plan/Policy

Statement of Need:
 This project proposes to make corridor improvements to Jermantown Road (Rte 655) between I-66 and Route 50/Fairfax Blvd (total project length approximately 0.9 miles) to include spot widening and pedestrian and bicycle improvements. As part of the I-66 Outside the Beltway Project, VDOT will widen the bridge over I-66. This project would then tie into the VDOT improvements and implement spot improvements to facilitate the movement of traffic from the Vienna/Oakton area to access the I-66 managed-lane entrance at Monument Drive. The City applied for and received \$21M in NVTA 70% funds to construct this project.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	200,000	1,500,000	-	-	-	-	1,500,000
Right of Way	-	5,000,000	4,500,000	-	-	-	9,500,000
Construction	-	-	1,500,000	8,500,000	-	-	10,000,000
Total Costs	\$ 200,000	\$ 6,500,000	\$ 6,000,000	\$ 8,500,000	\$ -	\$ -	\$ 21,000,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
NVTA 30%	200,000	-	-	-	-	-	-
NVTA 70%	-	6,500,000	6,000,000	8,500,000	-	-	21,000,000
Total Funding	\$ 200,000	\$ 6,500,000	\$ 6,000,000	\$ 8,500,000	\$ -	\$ -	\$ 21,000,000

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date	07/01/18		Cable TV	Police
Project Design Start Date	02/01/18		CD&P	PW Admin
Construction Start Date	02/01/21		City Manager	PW Fleet
Project Completion Date	02/01/22		Finance	PW Operations
			Fire	PW Signs/Signal
			Historic	PW Stormwater
			Human Svc	PW Streets
			IT	PW Transport
			Parks & Rec	PW Wastewater
			Personnel	Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION								
Name: Old Lee Highway Multimodal Project					Project # 320-631161-580330			
2012 Comprehensive Plan Reference: CA-1.5 (p. 103), CA-3.5 (p. 106), T-7.2.1 (p. 133), T-7.2.3 (p. 134)								
Comprehensive Plan Element								
✓	Public Service and Facilities					Environment		
	Economy					Housing		
✓	Community Appearance				✓	Transportation		
	Land Use					Other City Plan/Policy		
Statement of Need: This project will make improvements to Old Lee Highway based on the concept plan developed in 2015. The City has performed survey and developed a preliminary design to develop a feasible design for Old Lee Highway. This project proposes to provide a consistent design for the entire length of the corridor, which includes removing excess asphalt, constructing a two-way shared use mobility/bicycle path on the north side of the road, providing sidewalks on both sides of the roadway, and accessible transit accommodations. The City has \$4M in pre-existing funding allocations and recently received an additional \$10M from VDOT (Revenue Sharing) and NVTA (70% regional funding). The City anticipates applying for an additional \$6M to fund the anticipated project cost of \$20M.				Picture: 				
Funding Allocation		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering		-	500,000	-	-	-	-	500,000
Right of Way		-	1,000,000	-	-	-	-	1,000,000
Construction		-	-	8,500,000	6,000,000	-	-	14,500,000
Total Costs		\$ -	\$ 1,500,000	\$ 8,500,000	\$ 6,000,000	\$ -	\$ -	\$ 16,000,000
Funding Sources		FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
NVTA 70%		-	750,000	4,250,000	3,000,000	-	-	8,000,000
State - Revenue Sharing		-	750,000	4,250,000	3,000,000	-	-	8,000,000
Total Funding		\$ -	\$ 1,500,000	\$ 8,500,000	\$ 6,000,000	\$ -	\$ -	\$ 16,000,000
Estimated Project Timeline			New Project	Responsible Department(s):				
Project Origination Date			07/01/15	Cable TV CD&P City Manager Finance Fire Historic Human Svc IT Parks & Rec Personnel	Police			
Project Design Start Date			07/01/19		PW Admin			
Construction Start Date			07/01/20		PW Fleet			
Project Completion Date			06/30/22		PW Operations			
Financial Impacts					PW Signs/Signal			
Annual Revenue Generated:			\$ -		PW Stormwater			
Annual Cost Savings:			\$ -		PW Streets			
Annual Increase in Operating Costs:			\$ -		PW Transport			✓
Projected Future Savings:			\$ -		PW Wastewater			
					Schools			

PROJECT INFORMATION

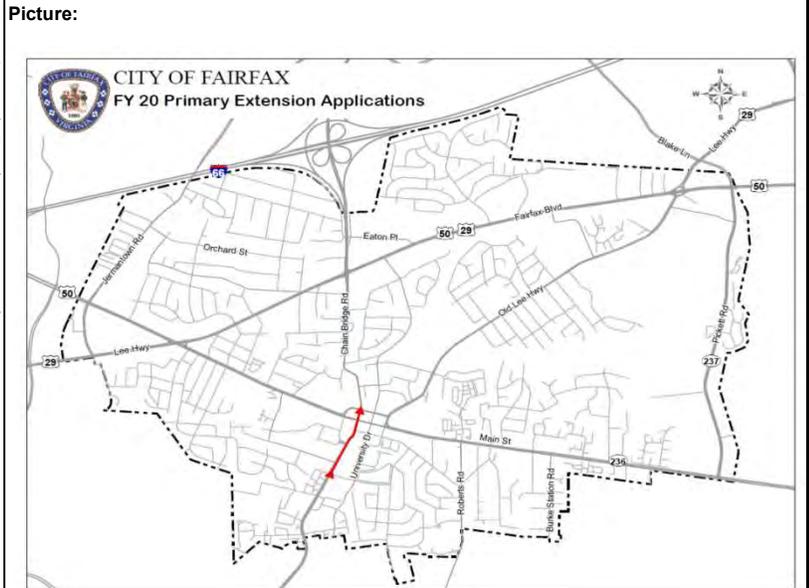
Name: Primary Extension Paving	Project # 320-631327-580330
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2012 Comprehensive Plan Reference: EC-1.2 (p. 49): PFS-2.2 (p. 84): CA 1.5 (p. 103): T-7.6 (p. 135)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance	✓	Transportation
Land Use		Other City Plan/Policy

Statement of Need:
 Based on a legislative change that was effective July 1, 2014, Section 33.2-358 provides that Primary Extensions maintained by municipalities can receive a portion of the reconstruction and paving allocations previously only distributed to interstates and Primary Roads with a combined condition index of less than 60. VDOT developed an application process to allow municipalities to apply for this funding for qualifying projects. The City has been notified that we are recommended to receive the requested FY 20 funding. In accordance with CTB policy, these projects must be advertised within 6 months of the award date. The City's FY 20 project is will pave the roadway and repair the associated concrete curb, gutter and sidewalk on Chain Bridge Road northbound between Armstrong Street and North Street in the City of Fairfax.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Construction	-	947,810	-	-	-	-	947,810
Total Costs	\$ -	\$ 947,810	\$ -	\$ -	\$ -	\$ -	\$ 947,810

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Federal - Other	-	947,810	-	-	-	-	947,810
Total Funding	\$ -	\$ 947,810	\$ -	\$ -	\$ -	\$ -	\$ 947,810

Estimated Project Timeline		New Project	Responsible Department(s):				
Project Origination Date			✓	Cable TV		Police	
Project Design Start Date				CD&P		PW Admin	
Construction Start Date	10/19/19			City Manager		PW Fleet	
Project Completion Date	01/29/19			Finance		PW Operations	
		Fire			PW Signs/Signal		
Financial Impacts			Historic		PW Stormwater		
Annual Revenue Generated:	\$ -		Human Svc		PW Streets		
Annual Cost Savings:	\$ -		IT		PW Transport	✓	
Annual Increase in Operating Costs:	\$ -		Parks & Rec		PW Wastewater		
Projected Future Savings:	\$ -		Personnel		Schools		

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

PROJECT INFORMATION

Name: Residential Sidewalk Construction	Project # 320-631311-580330
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2012 Comprehensive Plan Reference: T-7.2.1 (p. 133)

Comprehensive Plan Element

<input type="checkbox"/>	Public Service and Facilities		<input type="checkbox"/>	Environment
<input type="checkbox"/>	Economy		<input type="checkbox"/>	Housing
<input checked="" type="checkbox"/>	Community Appearance		<input checked="" type="checkbox"/>	Transportation
<input type="checkbox"/>	Land Use		<input type="checkbox"/>	Other City Plan/Policy

Statement of Need:
 City staff will evaluate engineering, right of way and construction costs along with priority level for various residential sidewalk project requests that have been received. It is anticipated that each year the City will design one sidewalk (for the following year construction) and construct one sidewalk (designed the previous year). Funding is requested for the current year as well as outyears to provide continuous funding for this program. The City has received petitions from residents on Hallman Street, Rust Road, Jones Street, and First and Second Streets. Locations to be determined.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	100,000	50,000	50,000	50,000	50,000	50,000	250,000
Construction	-	150,000	150,000	150,000	150,000	150,000	750,000
Total Costs	\$ 100,000	\$ 200,000	\$ 1,000,000				

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
C&I	100,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Total Funding	\$ 100,000	\$ 200,000	\$ 1,000,000				

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date		Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date	Ongoing	Finance
		Fire
		Historic
		Human Svc
		IT
		Parks & Rec
		Personnel
		Police
		PW Admin
		PW Fleet
		PW Operations
		PW Signs/Signal
		PW Stormwater
		PW Streets
		PW Transport
		PW Wastewater
		Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

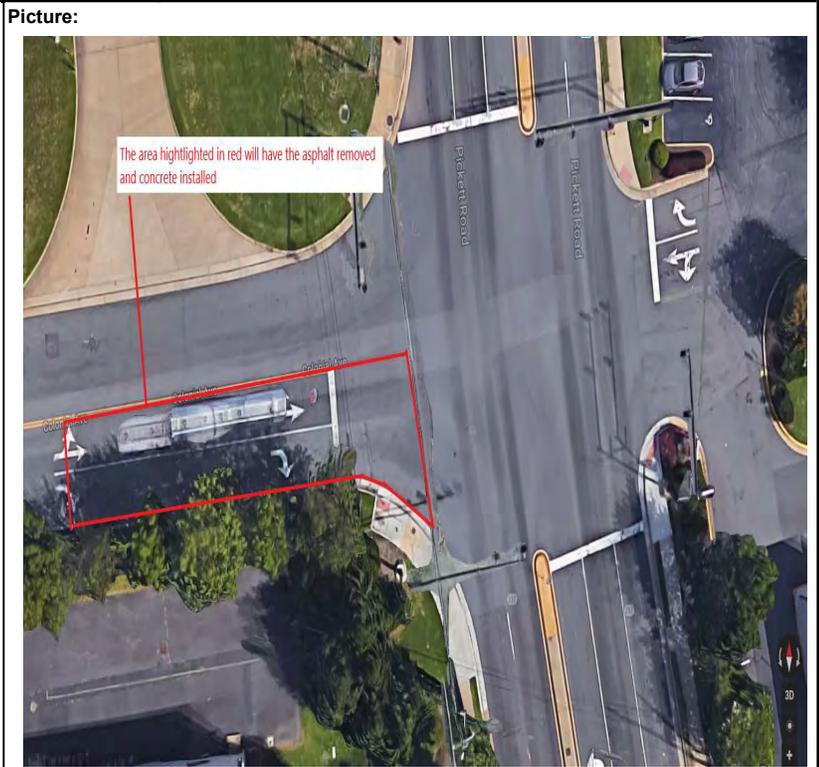
Name: Colonial Ave. **Project #** 320-631395-580330

2012 Comprehensive Plan Reference: PFS-2.2 (p.84); CA-1.5 (p.103)

Comprehensive Plan Element

	Public Service and Facilities			Environment
✓	Economy			Housing
	Community Appearance		✓	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
Asphalt continues to rut/displace on Colonial Avenue due to loaded tanker trucks stopping at the intersection. To resolve this issue, the asphalt needs to be removed and replaced with concrete. A section of approximately 100'L X 30'W X 10"D of concrete needs to be placed.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Right of Way	-	40,000	-	-	-	-	40,000
Total Costs	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	40,000	-	-	-	-	40,000
Total Funding	\$ -	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	01/01/20	✓	Cable TV		Police	
Project Design Start Date	05/01/20		CD&P		PW Admin	
Construction Start Date	05/01/20		City Manager		PW Fleet	
Project Completion Date	06/29/20		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	✓
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	

PROJECT INFORMATION

Name: Concrete Curb and Gutter Maintenance **Project #** 320-631310-580330

2012 Comprehensive Plan Reference: EC-1.2 (p. 49); PFS-2.2 (p. 84); CA-1.4 (p. 103); CA-1.5 (p. 103); T-7.2.1 (p. 133)

Comprehensive Plan Element

✓	Public Service and Facilities			Environment
	Economy			Housing
	Community Appearance		✓	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 This project is for approximately 50% replacement of curb/gutter and driveway aprons for the FY 2020 adopted street paving list. This project is needed to address the aging concrete infrastructure. During previous CIP years, the concrete infrastructure was in its mid-life and not much had to be replaced. Now, the concrete infrastructure has reached its expected life cycle and additional concrete replacement is needed to provide a functional road system.

Estimated quantities:
 31,500 LF of curb/gutter
 20,000 SF of sidewalk
 400 Driveway aprons.

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	1,400,000	1,850,000	2,200,000	1,350,000	1,000,000	1,000,000	7,400,000
Total Costs	\$ 1,400,000	\$ 1,850,000	\$ 2,200,000	\$ 1,350,000	\$ 1,000,000	\$ 1,000,000	\$ 7,400,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	1,400,000	1,850,000	2,200,000	1,350,000	1,000,000	1,000,000	7,400,000
Total Funding	\$ 1,400,000	\$ 1,850,000	\$ 2,200,000	\$ 1,350,000	\$ 1,000,000	\$ 1,000,000	\$ 7,400,000

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date		CD&P		PW Admin		
Construction Start Date		City Manager		PW Fleet		
Project Completion Date	Ongoing	Finance		PW Operations		
		Fire		PW Signs/Signal		
		Historic		PW Stormwater		
		Human Svc		PW Streets	✓	
		IT		PW Transport		
		Parks & Rec		PW Wastewater		
		Personnel		Schools		

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: Independent Roadway Evaluation **Project #** 320-631108-580330

2012 Comprehensive Plan Reference: EC-1.2 (p. 49); PFS-2.2 (p. 84); CA-1.5 (p. 103)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities			Environment
	Economy			Housing
	Community Appearance		<input checked="" type="checkbox"/>	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:

In order to be considered for a 50% matching fund for road reconstruction from the state, proof of need, in the form of a professional evaluation with core samples and analysis, is necessary.

The evaluation information will provide the City with future CIP projects and assist staff with maintenance management.

FY 2020:
Main Street

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	50,000	50,000	250,000	50,000	50,000	50,000	450,000
Total Costs	\$ 50,000	\$ 50,000	\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 450,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Federal - RSTP	-	-	200,000	-	-	-	200,000
General Fund	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Total Funding	\$ 50,000	\$ 50,000	\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 450,000

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
			Fire	PW Signs/Signal
			Historic	PW Stormwater
			Human Svc	PW Streets
			IT	PW Transport
			Parks & Rec	PW Wastewater
			Personnel	Schools
Financial Impacts				
Annual Revenue Generated:	\$ -			
Annual Cost Savings:	\$ -			
Annual Increase in Operating Costs:	\$ -			
Projected Future Savings:	\$ -			

PROJECT INFORMATION

Name: Street Repaving **Project #** 320-631320-580330

2012 Comprehensive Plan Reference: EC-1.2 (p. 49); PFS-2.2 (p. 84); CA-1.5 (p. 103)

Comprehensive Plan Element

<input checked="" type="checkbox"/>	Public Service and Facilities			Environment
	Economy			Housing
	Community Appearance		<input checked="" type="checkbox"/>	Transportation
	Land Use			Other City Plan/Policy

Statement of Need:
 These funds are necessary to repave City streets. Periodic overlays are required to maintain the City's road system. Funding also includes the following items that are completed in conjunction with the paving work:

- Line striping
- Pavement markers and loop detectors
- Manhole adjustment rings
- Third party inspection oversight

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	1,997,000	1,109,515	3,300,000	1,000,000	3,300,000	1,000,000	9,709,515
Total Costs	\$ 1,997,000	\$ 1,109,515	\$ 3,300,000	\$ 1,000,000	\$ 3,300,000	\$ 1,000,000	\$ 9,709,515

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	1,997,000	1,109,515	3,300,000	1,000,000	3,300,000	1,000,000	9,709,515
Total Funding	\$ 1,997,000	\$ 1,109,515	\$ 3,300,000	\$ 1,000,000	\$ 3,300,000	\$ 1,000,000	\$ 9,709,515

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date			Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	Ongoing		Finance		PW Operations	
			Fire		PW Signs/Signal	
			Historic		PW Stormwater	
			Human Svc		PW Streets	<input checked="" type="checkbox"/>
			IT		PW Transport	
			Parks & Rec		PW Wastewater	
			Personnel		Schools	

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

City of Fairfax, Virginia - Adopted Capital Improvement Program FY 2020 to 2024

FY 2020 Adopted Street Repaving Detail

The paving replacement schedule is subject to change based on unforeseen circumstances

<u>Street</u>	<u>From</u>	<u>To</u>	<u>Estimated Cost</u>
Spring St.	FFX B	City Line	33,570
Draper Dr.	FFX B	City Line	53,754
Beech Dr.	Draper Dr	DEAD END	16,126
Oliver St	Keith Ave	Railroad Ave	28,405
Cedar Ave	Chain Bridge Rd	Keith Ave	50,679
South St	Sager Ave	University Dr	13,679
John Trammel Ct	Sager Ave	CUL-DE-SAC	11,023
Barbour Dr	Sager Ave	Beaumont St	25,928
Dwight Ave	Roberts Rd	Orchard Dr	23,071
Rodgers Rd	Locust Lane	Locust Lane	33,816
Randolph St	Mason St	Wood Rd	47,588
Monroe St	Randolph St	CUL-DE-SAC	3,867
Wood Rd	Mason St	University Dr	39,209
Sharpes Meadow Lane	Stratford Ave	CUL-DE-SAC	22,545
Farmington Dr	Spring Lake Terrace	Parkhill Place	34,782
Cornwell Rd	Spring Lake Terrace	Andover Dr.	47,904
Newberry Dr	Spring Lake Terrace	Farmington Dr	18,972
Capeway Ct	Newberry Dr	CUL-DE-SAC	4,079
Colony Rd	Old Lee Hwy	Country Hill Dr.	97,436
Simpson Mews Lane	Chancery Park Dr	Chancery Park Dr	13,116
Chancery Park Dr	University Drive	School St	56,513
Sessions Ct	Chancery Park Dr	CUL-DE-SAC	6,521
Amnesty Pl	School St	CUL-DE-SAC	7,907
Winston Pl	Norman Ave	CUL-DE-SAC	5,774
University Dr	Kenmore Dr	Stratford Avenue	108,754
		SubTotal for Milling/Overlay	805,018
		Line Striping	150,000
		Pavement Markers & Loops	50,000
		Manhole adjustment rings	4,497
		Third party inspection oversight	100,000
		TOTAL	1,109,515

PROJECT INFORMATION

Name: LED Streetlight Conversion **Project #** 320-631396-580455

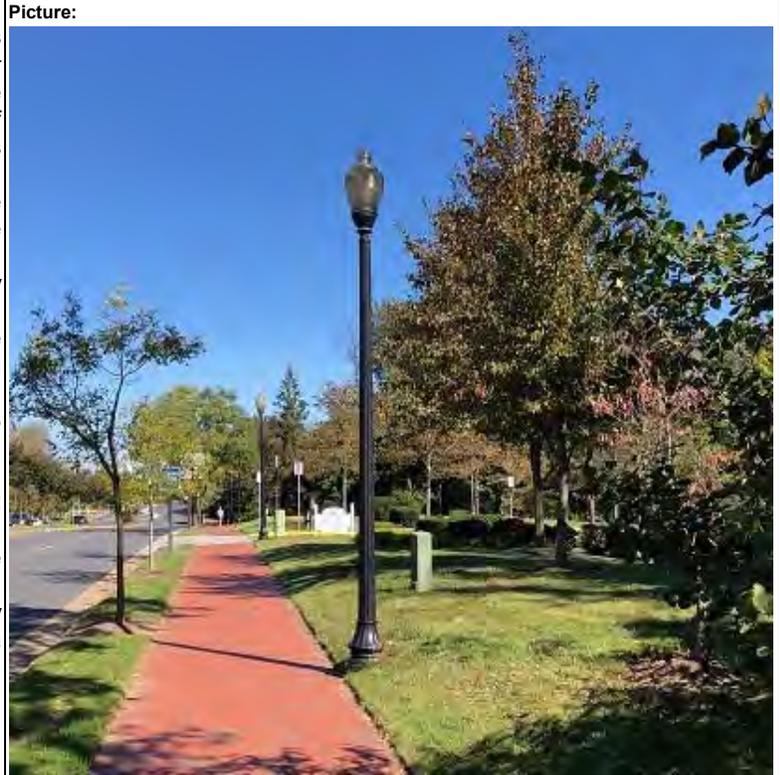
2012 Comprehensive Plan Reference: PFS-2.2 (p. 84); CA-1.7 (p. 104); ENV-2.2 (p. 34); T-7.3.3 (p. 134)

Comprehensive Plan Element

✓	Public Service and Facilities	✓	Environment
	Economy		Housing
✓	Community Appearance	✓	Transportation
	Land Use		Other City Plan/Policy

Statement of Need:
 This project provides funding to convert over 2,600 electric streetlights that have older technology (high pressure sodium and mercury vapor lights) to light emitting diode (LED) technology. This project will reduce energy use, provide cost savings and enhance the safety and quality of the City's street lighting. Some of the benefits of converting to LEDs include:

- Better Light Quality: LED lights allow for colors to be seen more accurately and vividly, improving nighttime visibility. They also provide consistent light distribution across the entire roadway, improving safety.
- Reduced Light Pollution: The City will follow the International Dark Sky Association specifications to minimize glare, light trespass and sky glow.
- Ability to Integrate Smart City Technology: The LED lights will be installed with a 7-pin receptacle, which gives the City the ability to install smart city technology features in the future.
- Longer Life: LED lights have a life span of 10-20 years which is 2-3 times longer than older technologies, which improves reliability.
- Energy Savings: The conversion is projected to save the City over 1.1 million kWh of energy use annually (which is equivalent to powering 102 homes/year).
- Carbon Emissions Reductions: The conversion is projected to reduce the city's carbon footprint by 800 metric tons of CO2 annually.
- Cost Savings: The conversion is projected to reduce the City's energy bills by approximately \$110,000/year. Since the LED street lights have a life span of 10-20 years, the conversion is projected to save the City \$1.1 to \$2.2 million on the City's energy bills over the life of the LED lights.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	110,000	110,000	110,000	110,000	110,000	550,000
Total Costs	\$ -	\$ 110,000	\$ 550,000				

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	-	110,000	110,000	110,000	110,000	110,000	550,000
Total Funding	\$ -	\$ 110,000	\$ 550,000				

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date	07/01/19	✓	Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	✓
Construction Start Date			City Manager		PW Fleet	
Project Completion Date	06/30/24		Finance		PW Operations	
Financial Impacts			Fire		PW Signs/Signal	
Annual Revenue Generated:	\$ -		Historic		PW Stormwater	
Annual Cost Savings:	\$ 100,000		Human Services		PW Streets	✓
Annual Increase in Operating Costs:	\$ -		IT		PW Transport	
Projected Future Savings:	\$ 1,100,000		Parks & Rec		PW Wastewater	
			Personnel		Schools	

PROJECT INFORMATION

Name: Advanced Signal Detector & Conventional Loop Maint.	Project # 320-631239-580330
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2012 Comprehensive Plan Reference: **T-7.3.3 (p. 134); T-7.4.1 (p. 134); T-7.8.1 (p. 136)**

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance		<input checked="" type="checkbox"/> Transportation
Land Use		Other City Plan/Policy

Statement of Need:
 As traffic congestion increases and becomes more complex, the monitoring and management task expands. Where possible, the City intends to remove in-ground inductive detection loops and malfunctioning video detection, and replace them with advanced thermal, video and wireless detection units. This project will install advanced detection units at 1 to 3 intersections per year (locations to be determined), at a cost of \$15,000 - \$25,000 per intersection. Targeted locations will be those with recurring detection issues and outdated equipment. Also required annually is \$20-25K for repair and replacement of existing in-ground detector systems (loops).

Locations for FY 2020:

- Pickett and Old Pickett
- University and Whitehead (Loops and Junction Boxes)
- Old Lee and Old Pickett
- Main and Roberts

Picture:



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	21,000	53,000	54,988	57,050	59,189	61,408	285,635
Total Costs	\$ 21,000	\$ 53,000	\$ 54,988	\$ 57,050	\$ 59,189	\$ 61,408	\$ 285,635

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
General Fund	21,000	53,000	54,988	57,050	59,189	61,408	285,635
Total Funding	\$ 21,000	\$ 53,000	\$ 54,988	\$ 57,050	\$ 59,189	\$ 61,408	\$ 285,635

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date			Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date			City Manager	PW Fleet
Project Completion Date	Ongoing		Finance	PW Operations
			Fire	PW Signs/Signal
			Historic	PW Stormwater
			Human Svc	PW Streets
			IT	PW Transport
			Parks & Rec	PW Wastewater
			Personnel	Schools

Financial Impacts	
Annual Revenue Generated:	\$ -
Annual Cost Savings:	\$ -
Annual Increase in Operating Costs:	\$ -
Projected Future Savings:	\$ -

PROJECT INFORMATION

Name: CUE Automatic Passenger Counters (APC) **Project #** 320-631719-580105

2012 Comprehensive Plan Reference: T-7.5.2 (p. 135), T-7.6.3 (p. 135)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance		Transportation <input checked="" type="checkbox"/>
Land Use		Other City Plan/Policy

Statement of Need:
 An Automatic Passenger Counter (APC) is an electronic device that is installed on transit vehicles to accurately report boarding and alighting data. This technology will enable the City to accurately track transit ridership by bus stop rather than relying on estimation through surveying. This will enable the City to better plan our bus service and add or eliminate stops based on ridership. The City plans to apply for the APCs through DRPT's transit capital program, which would provide 68% of the funding for this project.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Equipment - New Purchase	-	62,000	-	-	-	-	62,000
Total Costs	\$ -	\$ 62,000	\$ -	\$ -	\$ -	\$ -	\$ 62,000

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
NVTC Trust Fund	-	19,840	-	-	-	-	19,840
State - DRPT	-	42,160	-	-	-	-	42,160
Total Funding	\$ -	\$ 62,000	\$ -	\$ -	\$ -	\$ -	\$ 62,000

Estimated Project Timeline		New Project	Responsible Department(s):	
Project Origination Date	07/01/19	<input checked="" type="checkbox"/>	Cable TV	Police
Project Design Start Date			CD&P	PW Admin
Construction Start Date	02/01/20		City Manager	PW Fleet
Project Completion Date	02/01/20		Finance	PW Operations
Financial Impacts		<input checked="" type="checkbox"/>	Fire	PW Signs/Signal
Annual Revenue Generated:	\$ -		Historic	PW Stormwater
Annual Cost Savings:	\$ -		Human Servi	PW Streets
Annual Increase in Operating Costs:	\$ 4,980		Human Svc	PW Transport
Projected Future Savings:	\$ -		Parks & Rec	PW Wastewater
		Personnel	Schools	

PROJECT INFORMATION

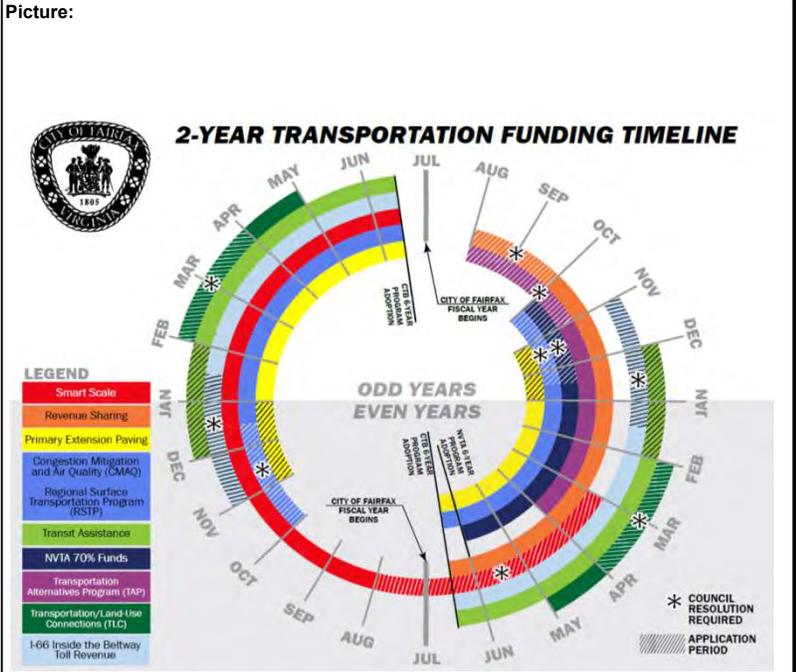
Name: Pre-Application Transportation Project Evaluation **Project #** 320-631397-580310

2012 Comprehensive Plan Reference: T-7.6-1 (page 135)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance	✓	Transportation
Land Use		Other City Plan/Policy

Statement of Need:
 There are multiple opportunities for the City to apply for federal, regional and state funding applications for transportation projects. Many of these application require detailed engineering plans. In turn, the City needs funding to hire engineers to perform this prerequisite evaluation. This "project" sets aside funds for the pre-application project evaluation.



Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Planning/Design/Engineering	-	200,000	200,000	200,000	200,000	200,000	1,000,000
Total Costs	\$ -	\$ 200,000	\$ 1,000,000				

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
NVTA 30%		200,000	200,000	200,000	200,000	200,000	1,000,000
Total Funding	\$ -	\$ 200,000	\$ 1,000,000				

Estimated Project Timeline		New Project	Responsible Department(s):			
Project Origination Date		✓	Cable TV		Police	
Project Design Start Date			CD&P		PW Admin	
Construction Start Date			City Manager		PW Fleet	
Project Completion Date			Finance		PW Operations	
Financial Impacts			Fire		PW Signs/Signal	
Annual Revenue Generated:	\$ -		Historic		PW Stormwater	
Annual Cost Savings:	\$ -		Human Svc		PW Streets	
Annual Increase in Operating Costs:	\$ -		IT		PW Transport	✓
Projected Future Savings:	\$ -		Parks & Rec		PW Wastewater	
			Personnel		Schools	

PROJECT INFORMATION

Name: WMATA Capital Funding Contribution	Project # 370-637301-550601
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2012 Comprehensive Plan Reference: T-7.1 (page 133)

Comprehensive Plan Element

Public Service and Facilities		Environment
Economy		Housing
Community Appearance		Transportation
Land Use		Other City Plan/Policy

Statement of Need:
 In 2018, the Virginia General Assembly approved \$154M in dedicated capital funding for WMATA beginning in FY 2019. One of the revenue sources for the WMATA Capital Fund is \$27.12M in local funds from the WMATA funding jurisdictions. Each jurisdiction's share of the \$27.12M is based on the jurisdiction's proportion of the annual WMATA Capital Improvement Program. For the City of Fairfax, this is a payment of \$260,978 in FY 20. These funds may be paid from the jurisdiction's NVTVA 30% funds or may be appropriated from other local funds by resolution.

Picture:
AGREEMENT BY AND BETWEEN THE VIRGINIA DEPARTMENT OF RAIL AND PUBLIC TRANSPORTATION AND THE CITY OF FAIRFAX CONCERNING PAYMENT OF FUNDING FOR THE CITY'S PROPORTIONATE SHARE OF CAPITAL FUNDING FOR THE WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY CAPITAL FUND

THIS AGREEMENT ("Agreement"), is between the Virginia Department of Rail and Public Transportation ("Department"), acting by and through its Director, and the City of Fairfax (the "Locality") (the Department and the Locality are each a "Party" and collectively are the "Parties"), concerning the payment of the Locality's proportionate share of capital funding for the Washington Metropolitan Area Transit Authority Capital Fund ("WMATA Capital Fund") pursuant to § 33.2-3404 of the Code of Virginia (1950), as amended ("Code").

RECITALS

WHEREAS, the Locality meets the criteria set out in § 33.2-3404(A) of the Code and therefore is required to make annual payments to the WMATA Capital Fund; and

WHEREAS, the Locality's required payment amount is determined in accordance with § 33.2-3404(B) of the Code; and

WHEREAS, pursuant to § 33.2-3404 of the Code, the amounts paid by the Locality pursuant to § 33.2-3404 of the Code are credited to the WMATA Capital Fund; and

WHEREAS, the Parties wish to memorialize their agreement concerning the responsibilities of each Party and the processing and payment of the Locality's required payment to the WMATA Capital Fund.

NOW, THEREFORE, in consideration of the covenants and agreements in this Agreement, the sufficiency of which is acknowledged, the Parties agree as follows:

ARTICLE I
INVOICING

§ 1.1 The Department shall prepare invoices for the Locality on a quarterly schedule. The Department shall issue invoices at least 45 days prior to the beginning of each quarter. However, the first invoice shall be prepared and issued after execution of this Agreement and not in accordance with the quarterly schedule. The first invoice shall include all amounts that would have been due from the Locality assuming July 1, 2018 as the first quarterly payment date, and the amount due for the first quarter after execution of the Agreement.

§ 1.2 Pursuant to § 33.2-3404(B) of the Code, the Department shall prepare invoices for the Locality by multiplying \$27.12 million by a fraction the numerator of which shall be the

Funding Allocation	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
Infrastructure Maint/Repair/Upgrade	-	260,978	230,382	231,239	230,629	235,835	1,189,063
Total Costs	\$ -	\$ 260,978	\$ 230,382	\$ 231,239	\$ 230,629	\$ 235,835	\$ 1,189,063

Funding Sources	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Totals
C&I	-	260,978	230,382	231,239	230,629	235,835	1,189,063
Total Funding	\$ -	\$ 260,978	\$ 230,382	\$ 231,239	\$ 230,629	\$ 235,835	\$ 1,189,063

Estimated Project Timeline	New Project	Responsible Department(s):
Project Origination Date	✓	Cable TV
Project Design Start Date		CD&P
Construction Start Date		City Manager
Project Completion Date		Finance
Financial Impacts		Fire
Annual Revenue Generated:		Historic
Annual Cost Savings:		Human Svc
Annual Increase in Operating Costs:		IT
Projected Future Savings:		Parks & Rec
		Personnel