



King William County
Est. 1702

Board of Supervisors

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DATE: April, 6th 2015
TO: Board of Supervisors
FROM: Daniel M. Stuck, County Attorney
SUBJECT: FY16 Capital Improvement Program

The County's Capital Improvement Program ("CIP") is a five-year plan which addresses both repair and replacement of existing infrastructure, as well as the construction or acquisition of new facilities and equipment, to accommodate current and future demands for service. A given capital project must have an established useful life of three or more years and have a total cost of a least \$25,000 to qualify for inclusion in the CIP. The CIP should be reviewed every year and updated for changing needs. Once adopted, the CIP does not bind the governing body to carry out any of the projects, nor does it appropriate funds. It is a declaration of the intentions of spending public funds and helps to ensure money is spent wisely; future needs are anticipated; cooperation among departments on projects is encouraged, financial expenses are spread out more evenly, community goals are met and public involvement in capital projects is increased.

The CIP is divided into four categories: General, Schools, Utilities and Public Safety. The General category contains projects related to general government services such as administration, facilities maintenance, computers and parks. Schools contains projects related to the school division. Utilities contains projects related to water, sewer and stormwater. Public Safety contains projects related to law enforcement, fire and rescue.

Financing of the CIP may be provided on a pay-as-you-go basis or through debt financing. Pay-as-you-go funding may be provided from sources such as tax revenues, interest earnings, funding from other government agencies, user fees, grants or a combination of such funds. Debt funding may include general obligation bonds, revenue bonds or lease financing.

The attached documents contain a spreadsheet of projects from FY16 through FY20, as well as a brief description of each project.

<u>Project #</u>	<u>GENERAL</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>
G1	HVAC	37,800	38,405	39,019	39,644	40,278
G2	Server	45,000	-	-	-	-
G3	Lighting Replacement	20,000	20,320	20,645	20,975	21,311
G4	Vehicle Replacement Fund	150,000	180,000	180,000	180,000	180,000
G5	Demolish Old White House	-	-	-	-	25,000
G6	Voting Machines	22,200	22,200	22,200	22,200	22,200
	<u>GENERAL TOTAL</u>	<u>275,000</u>	<u>260,925</u>	<u>261,864</u>	<u>262,819</u>	<u>288,789</u>

<u>Project #</u>	<u>UTILITIES</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>
U1	Admin Water System Improvements	-	50,000	-	-	-
	<u>UTILITIES TOTAL</u>	<u>0</u>	<u>50,000</u>	<u>=</u>	<u>=</u>	<u>=</u>

<u>Project #</u>	<u>PUBLIC SAFETY</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>
P1	Fire/EMS Station in Central County	-	50,000	275,000	600,000	600,000
P2	KW Vol. F&R - Ambulance 14	250,000	-	-	-	-
P3	KW Vol. F&R - Cascade/Compressor	-	35,000	-	-	-
P4	KW Vol. F&R - Cardiac Monitors	-	-	90,000	-	-
P5	Mangohick Vol. Fire - Engine 2	-	-	225,000	225,000	-
P6	Mangohick Vol. Fire - Tanker 2	-	200,000	50,000	-	-
P7	Mangohick Vol. Fire - Brush 2	-	-	-	-	125,000
P8	Mangohick Vol. Fire - Ambulance 13	75,000	175,000	-	-	-
P9	Mangohick Vol. Fire - Cascade/Compressor	35,000	-	-	-	-
P10	Mangohick Vol. Fire - Cardiac Monitors	30,000	-	-	-	-
P11	West Point Vol. Fire - Quint 3	-	-	-	550,000	300,000
P12	West Point Vol. Fire - Ambulance 33	-	250,000	-	-	-
P13	West Point Vol. Fire - Extrication Tools	80,000	-	-	-	-
P14	West Point Vol. Fire - Cardiac Monitors	120,000	-	-	-	-
	<u>PUBLIC SAFETY TOTAL</u>	<u>590,000</u>	<u>710,000</u>	<u>640,000</u>	<u>1,375,000</u>	<u>1,025,000</u>

<u>SCHOOLS</u>		<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>
S1	Roof Repair & Replacement	40,000	-	-	-	-
S2	Replacement of HVAC units	30,000	40,000	60,000	60,000	60,000
S3	Replacement of Cooling Tower	85,000	-	-	-	-
S4	Replacement of Gym Bleachers	-	65,000	-	-	-
S5	Classroom & Cafeteria Furniture	25,000	25,000	25,000	25,000	25,000
S6	Security Upgrades	30,000	-	-	-	-
S7	Human Resources Software (FY15)	-	-	100,000	-	-
S8	Bus Replacement	168,000	174,000	180,000	186,000	192,000
S9	Replacement of Treatment Plant Components	-	-	250,000	-	-
S10	Demolition of POD	-	-	56,000	-	-
S11	Storage Building (24,000 sf)	-	-	310,000	-	-
S12	Demolition of Pine Building	-	-	50,000	-	-
S13	Remodel/Expansion of Middle School	80,000	-	8,000,000	-	-
S14	Auditorium	-	-	-	-	11,000,000
<u>SCHOOLS TOTAL</u>		<u>458,000</u>	<u>304,000</u>	<u>9,031,000</u>	<u>271,000</u>	<u>11,277,000</u>

ALL CATEGORIES TOTAL 1,323,000 1,274,925 9,932,864 1,908,819 12,590,789

FY2016-2020 CIP PROJECT DESCRIPTIONS

GENERAL PROJECTS

Project Number: G1

Project Name: HVAC
Total Cost: \$195,146
Description: Replace the HVAC equipment at the Administration Building which is reaching the end of its useful life.
Funding: General fund. Possibility of energy efficiency grants.

Project Number: G2

Project Name: Server
Total Cost: \$45,000
Description: Replace the server at the Administration Building which is reaching the end of its useful life.
Funding: General fund.

Project Number: G3

Project Name: Lighting Replacement
Total Cost: \$103,251
Description: Replace the lighting at the Administration Building. Existing light bulbs are no longer available.
Funding: General fund. Possibility of energy efficiency grants.

Project Number: G4

Project Name: Vehicle Replacement Fund
Total Cost: \$870,000
Description: Periodic replacement of County vehicles which have reached the end of their useful life.
Funding: General fund.

Project Number: G5

Project Name: Demolish Old White House
Total Cost: \$25,000
Description: Demolish County-owned house if a reuse is not found (old Ext. Agency building).
Funding: General fund.

Project Number: G6

Project Name: Voting machines
Total Cost: \$111,000
Description: Replace aging voting machines.
Funding: General fund. 5-year lease purchase.

UTILITIES PROJECTS

Project Number: U1

Project Name: Admin Water System Improvements
Total Cost: \$50,000
Description: Install filtration on existing water system.
Funding: General fund. Possibility of water quality grants.

PUBLIC SAFETY PROJECTS

Project Number: P1

Project Name: Fire/EMS Station in Central County
Total Cost: \$1,525,000
Description: Locate a fire/ems station in the central part of the County.
Funding: Debt service.

Project Number: P2

Project Name: KW Vol. F&R - Ambulance 14
Total Cost: \$250,000
Description: Replace 1999 Freightliner/Marque ambulance.
Funding: General fund. Grant.

Project Number: P3

Project Name: KW Vol. F&R -- Cascade/Compressor
Total Cost: \$35,000
Description: Replace existing cascade/compressor system
Funding: General fund. Grant. State Funding

Project Number: P4

Project Name: KW Vol. F&R -- Cardiac Monitors
Total Cost: \$90,000
Description: Replace existing cardiac monitors and purchase additional monitor
Funding: General fund. Grant. State Funding

Project Number: P5

Project Name: Mangohick Vol. Fire -- Engine 2
Total Cost: \$450,000
Description: Replace 1994 Pierce Dash
Funding: General fund. Grant.

Project Number: P6

Project Name: Mangohick Vol. Fire -- Tanker 2
Total Cost: \$250,000
Description: Replace 1987 Pierce Lance 2,000 gal Tanker
Funding: General fund. Grant.

Project Number: P7

Project Name: Mangohick Vol. Fire -- Brush 2
Total Cost: \$125,000
Description: Replace 1995 Dodge 2500 4x4
Funding: General fund. Grant.

Project Number: P8

Project Name: Mangohick Vol. Fire -- Ambulance 13
Total Cost: \$250,000
Description: Replace 1999 Freightliner/Marque
Funding: General fund. Grant.

Project Number: P9

Project Name: Mangohick Vol. Fire -- Cascade/Compressor
Total Cost: \$35,000
Description: Purchase new cascade system
Funding: General fund. Grant. State Funding

Project Number: P10

Project Name: Mangohick Vol. Fire -- Cardiac Monitors
Total Cost: \$30,000
Description: Purchase new cardiac monitor for ambulance
Funding: General fund. Grant. State Funding

Project Number: P11

Project Name: West Point Vol. Fire -- Quint 3
Total Cost: \$850,000
Description: Replace 1999 Pierce Dash
Funding: General fund. Grant.

Project Number: P12

Project Name: West Point Vol. Fire -- Ambulance 33
Total Cost: \$250,000
Description: Replace 2003 ALS
Funding: General fund. Grant.

Project Number: P13

Project Name: West Point Vol. Fire -- Extrication Tools
Total Cost: \$80,000
Description: Replace existing extrication tools
Funding: General fund. Grant. State Funding

Project Number: P14

Project Name: West Point Vol. Fire -- Cardiac Monitors
Total Cost: \$120,000
Description: Replacement of existing cardiac monitors
Funding: General fund. Grant. State Funding

SCHOOLS PROJECTS

Project Number: S1

Project Name: Roof Repair & Replacement
Total Cost: \$40,000
Description: AES, HHMS
Funding: School Reserve

Project Number: S2

Project Name: Replacement of HVAC units
Total Cost: \$250,000
Description: AES, KWHS
Funding: School Reserve

Project Number: S3

Project Name: Replacement of Cooling Tower
Total Cost: \$85,000
Description: AES
Funding: School Reserve

Project Number: S4

Project Name: Replacement of Gym Bleachers
Total Cost: \$65,000
Description: HHMS, Current bleachers are original, 30 years old
Funding: School Reserve

Project Number: S5

Project Name: Classroom & Cafeteria Furniture
Total Cost: \$125,000
Description: All schools, normal replacements
Funding: School reserve

Project Number: S6

Project Name: Security Upgrades
Total Cost: \$30,000
Description: HHMS, CSPS, AES, Cameras, Access, Control, Structural building changes
Funding: School reserve

Project Number: S7

Project Name: Human Resources Software (FY15)
Total Cost: \$100,000
Description: SBO
Funding: School reserve, FY18 cost shared w/ county

Project Number: S8

Project Name: Bus Replacement
Total Cost: \$900,000
Description: All schools, 3 per year
Funding: School reserve

Project Number: S9

Project Name: Replacement of Treatment Plant Components
Total Cost: \$250,000
Description: HHMS, currently 10 years old, 20-year expected life
Funding: Capital financing

Project Number: S10

Project Name: Demolition of POD
Total Cost: \$56,000
Description: HHMS, end of useful life, replace with warehouse/maintenance shop
Funding: Proffer funds

Project Number: S11

Project Name: Storage Building (24,000 sf)
Total Cost: \$310,000
Description: HHMS, CSPS, Warehouse, maintenance shop, school equipment
Funding: Capital financing

Project Number: S12

Project Name: Demolition of Pine Building
Total Cost: \$50,000
Description: KWHS, end of useful life
Funding: Proffer funds

Project Number: S13

Project Name: Remodel/Expansion of Middle School
Total Cost: \$8,080,000
Description: HHMS
Funding: Capital financing

Project Number: S14

Project Name: Auditorium
Total Cost: \$11,100,000
Description: KWHS
Funding: Capital financing