Program Description

The information technology (IT) and equipment maintenance capital program maintains the County's technology assets in order to 1) sustain the County's existing business systems so they remain useful, operable and responsive to business needs, 2) best leverage the existing infrastructure to support the business needs of the entire County as well as department specific applications, 3) reduce operating and support costs associated with aging hardware, and 4) provide a reliable and secure environment for the operation of the County's systems while furthering the County's goals for energy efficiency and worker productivity.

The IT systems, software, and hardware which serve departments typically reach the end of their useful life in three to ten years. At that point, the systems become increasingly costly and more difficult to maintain, keep secure, and exchange information with other systems. Priorities for determining which applications to replace first are driven by age, criticality of the system to operations, and availability of ongoing support from the application's vendor. The IT systems and equipment are paid for through a combination of PAYG and short-term financing, with operating impacts through principal and interest payments on the short-term finance as described in the Capital Financing section of the CIP.

Program Summary

IT and equipment maintenance capital falls into four major program areas: Enterprise Information Technology (EIT), Lines of Business Systems, Public Safety Technology, and General Equipment.

The Enterprise Information Technology capital improvement program funds four categories in accordance with the County's Digital Strategy:

- Maintenance Capital - Equipment includes the ongoing replacement of aging workforce devices (desktop computers, laptops and tablets), servers, networks, audio visual, and other equipment, both employee and public facing. It also includes tools to support enhanced virtual government services and employee mobility.

- Hardware and Application Refreshment includes refreshment/replacement of software systems that provide key resources to meet the County's internal and external demands. This includes upgrades to systems used County-wide such as the revenue and collection system and the human resources and financial system.

- Data Migration & Consolidation addresses efforts to consolidate County Data Centers by migrating certain software applications to cloud.

Line of Business Systems include special systems and equipment required for a department to maintain its specific operations and services. This CIP funds replacement of existing line of business applications such as land records, and real estate assessment. It also includes technology upgrades and new systems that the Department of Human Services requires for customer service and case management replacement of electronic poll books.

The Public Safety Technology capital improvement program consists of key projects that will keep existing IT systems refreshed or replaced on a reasonably expected life cycle (3 - 10 years) so that the systems remain useful, operable and responsive to public safety needs. Special concerns for forecasting public safety technology requirements include: rapid technology advances that require upgrades and/or replacements; the need to maintain interoperability within the region; the need to maintain redundancies required for safety and to avoid system failures; and responding to the changing needs of the workforce and the community. These issues may impact the needs of public safety and the timing and scope of future projects. Four public safety agencies manage these projects: Police Department, Fire Department, Department of Public Safety Communication and Emergency Management and the Office of the Sheriff. The public safety projects are organized around lines of business rather than department. The key lines of business for public safety capital projects are Detention Center Security, Facility Improvements, Public Safety, Communications, Public Safety IT Applications and Hardware, Response Equipment, Public Safety Vehicle & Vehicle Technology.

Equipment includes machines used by individual departments for specific purposes. This year's CIP includes voting machines and tub grinder for the Earth Products Yard.

Master Plan Impact

Advisory Commission: Information Technology (IT) Advisory Commission

10 YEAR CATEGORY SUMMARY (in $1,000s)

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	10 Year Total
Enterprise Information Technology	15,032	9,112	8,975	11,345	11,828	13,157	9,889	8,805	9,712	12,941	110,796
Lines of Business Systems	990	1,010	0	0	1,045	0	535	560	0	1,104	5,244
Detention Center Security	400	0	0	0	303	0	0	303	0	0	1,006
Facility Improvements	0	0	0	0	0	0	0	0	2,020	0	2,020
Public Safety Communications	2,850	4,899	2,020	0	0	2,121	2,121	0	4,828	5,404	24,243
Public Safety IT Applications and Hardware	450	783	4,565	5,162	366	1,629	887	4,656	112	113	18,723
Response Equipment	700	278	0	0	0	4,080	404	0	539	4,858	10,859
Vehicles and Vehicle Technology	0	1,126	6,985	61	9,594	4,545	8,476	5,726	0	0	36,513
Equipment	2,000	0	0	0	0	1,212	0	0	0	0	3,212
Total Recommendation	**22,422**	**17,208**	**22,545**	**16,568**	**23,136**	**26,744**	**22,312**	**20,050**	**17,211**	**24,420**	**212,616**

PROGRAM FUNDING SOURCES (in $1,000s)

	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	10 Year Total
New Funding											
Federal Funding	0	0	0	0	0	0	0	0	0	0	0
State Funding	0	0	0	0	0	0	0	0	0	0	0
Developer Contributions	0	0	0	0	0	0	0	0	0	0	0
New Bond Issue	0	995	1,225	1,405	980	985	1,065	1,200	1,240	1,340	10,435
PAYG	9,043	7,838	5,104	9,764	5,910	5,279	6,630	6,130	6,034	5,650	67,382
Short Term Finance	9,550	8,100	16,216	5,399	16,246	20,480	14,617	12,720	9,937	17,430	130,695
Stormwater Utility Fee Revenue	0	0	0	0	0	0	0	0	0	0	0
Other Funding	0	0	0	0	0	0	0	0	0	0	0
Subtotal New Funding	18,593	16,933	22,545	16,568	23,136	26,744	22,312	20,050	17,211	24,420	208,512
Previously Approved Funding											
Authorized but Unissued Bonds	0	0	0	0	0	0	0	0	0	0	0
Issued but Unspent Bonds	3,829	275	0	0	0	0	0	0	0	0	4,104
Other Previously Approved Funds	0	0	0	0	0	0	0	0	0	0	0
Subtotal Previously Approved Funding	3,829	275	0	0	0	0	0	0	0	0	4,104
Total Funding Sources	**22,422**	**17,208**	**22,545**	**16,568**	**23,136**	**26,744**	**22,312**	**20,050**	**17,211**	**24,420**	**212,616**