



Champaign County
City of Champaign
City of Urbana
University of Illinois
Village of Rantoul
Village of Mahomet
Village of Savoy
Village of St Joseph

To: CCGISC Policy Committee
From: Leanne Brehob-Riley, GIS Director
Date: July 19, 2024
Re: *Proposed FY2025 Capital and Technology Plan*

FY2025 CAPITAL IMPROVEMENT AND TECHNOLOGY PLAN

OVERVIEW

A Capital and Technology Improvement Plan (CIP) is provided as part of the annual budget process. The proposed CIP outlines capital improvement policies and provides five-year projections for technology related acquisitions and maintenance fees.

FY2025 CAPITAL AND TECHNOLOGY PLAN SUMMARY

A Capital and Technology department (8850-112) was created within the CCGISC fund 8850. Appropriations are transferred to this department from the CCGISC Operations department (8850-111) based on the CIP. When possible, reserves are set aside for future expenditures. The Capital and Technology department contains a restricted fund balance line item that formally reserves the fund balance for future CIP expenditures.

The CIP itemizes anticipated annual hardware replacement and technology/maintenance fees for the next five years. In FY2025, it is projected that a total of \$75,909 be available to the Capital and Technology department (8850-112). To help cover these and future costs it is proposed that a total of \$78,500 be made available to the Capital and Technology department (8850-112) in FY2025; \$58,500 transferred from the CCGISC operating budget (8850-111) and \$20,000 transferred from the unreserved fund balance. The five-year projections anticipate the annual interdepartmental appropriation of \$63,500 from FY2026 through FY2029. These funds will originate from the annual operating budget. Utilizing the transferred funds and the anticipated FY2024 Capital and Technology reserve balance of \$65,140, the CIP payback period calculation is 4.90 years. The anticipated fund balance for the Capital and Technology budget is anticipated to be \$6,365 at the end of FY2029.

Champaign County GIS Consortium

CAPITAL and TECHNOLOGY IMPROVEMENT PLAN



Champaign County GIS Consortium

Adopted: July 15, 2016

REVISED/APPROVED ANNUALLY

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1.0 Capital and Technology Improvement Policies

1.1 PURPOSE

The Capital and Technology Improvement Plan is a five-year plan used to schedule and allocate appropriate funding for technology related acquisitions, replacements, and improvements including, but not limiting to, hardware, storage, and software purchases. The plan will be updated and approved annually as part of the budgetary approval process.

1.2 GENERAL

The general guidelines used for capital and technology improvements include:

PROTECTION OF INVESTMENT & COST MINIMIZATION: Provide for maintenance of the CCGISC technical assets at a level adequate to protect the capital interests and investments of the member agencies and minimize future maintenance and replacement costs.

MAINTENANCE & REHABILITATION: Provide for adequate maintenance, replacement, and expansion of the CCGISC technical infrastructure.

STAFF RESOURCES: Pursue technology initiatives that can be accomplished with the available staff resources.

1.3 CAPITAL AND TECHNOLOGY BUDGETARY DEPARTMENT

The primary revenue sources of CCGISC include member contributions, technical service contracts, and map and data sales. Each budget year, revenue will be appropriated to the Capital and Technology budgetary department (Fund 8850, Department 112) in accordance with the Capital and Technology Plan. Appropriations to this department will be based on technology costs, life expectancy, and appropriate amortizations over the life expectancy of the technology. When possible, the Capital and Technology Plan will set aside reserves for future technology expenditures. The department will contain a restricted fund balance line-item, formally reserving its fund balance for future expenditures outlined in the Capital and Technology Plan.

The GIS Director is authorized to approve expenditures from Capital and Technology budgetary department.

1.4 PRIORITIZATION

CCGISC does not have the necessary resources to fund all proposed initiatives and/or purchases. The Capital and Technology Plan utilizes the criteria listed below to evaluate the merit of new technology initiatives and/or purchases. Large projects may need to occur in phases that span multiple budget years due to limited funds. New technology initiatives and/or purchases will, whenever possible, be implemented with minimal disruption to “normal” operations.

New projects and purchases shall be prioritized based on the following factors:

IMPACT ON OPERATIONS: Technology purchases needed for the continuation of “normal” operations.

APPROVED TASKS: Projects and/or purchases that comply with approved tasks in the CCGISC Work Plan and Report.

OPERATION & MAINTENANCE EXPENSES: Projects and/or purchases that provide a decrease in CCGISC operating and/or maintenance expenses.

CONTINUITY OF OPERATIONS: Projects and/or purchases that reasonably promote/improve the continuity of operations – the continuation of mission essential functions in the event of hardware or software failure, localized acts of nature, attack-related emergencies, etc.

GROWTH OF CUSTOMER SERVICES: Projects and/or purchases that allow CCGISC do more for its members/partners and grow its customer base.

2.0 Capital and Technology Improvement Plan

2.1 CAPITAL AND TECHNOLOGY PURCHASES : 5-YEAR PROJECTIONS

Capital and Technology Asset Purchases 5-Year Projections									
Replacement Year	Future Replacement Year	Purchase Year fiscal year	Service Life years	Years Purchase Deferred	Item Description	Anticipated Cost per unit	Number of Units	Total Acquisition Cost	SubTotal
2025	2030	2019	5	1	Workstation	\$ 1,750.00	3	\$ 5,250.00	
2025	2030	2020	5		Laptops	\$ 1,500.00	2	\$ 3,000.00	
2025	2030	2018	6	1	Monitors	\$ 250.00	9	\$ 2,250.00	
2025	2026	2024	1		Annual Technology Fees	\$65,409.00	1	\$ 65,409.00	\$ 75,909.00
2026	2030	2022	4		Tablet	\$ 750.00	2	\$ 1,500.00	
2026	2031	2020	5		Plotter/Scanner	\$10,000.00	1	\$ 10,000.00	
2026	2030	2022	4		Server	\$16,000.00	1	\$ 16,000.00	
2026	2027	2025	1		Annual Technology Fees	\$65,409.00	1	\$ 65,409.00	\$ 92,909.00
2027	2033	2022	5		Workstations	\$ 1,750.00	2	\$ 3,500.00	
2027	2033	2021	6		Monitors	\$ 250.00	3	\$ 750.00	
2027	2028	2026	1		Annual Technology Fees	\$65,409.00	1	\$ 65,409.00	\$ 69,659.00
2028	2032	2024	4		Server	\$16,000.00	1	\$ 16,000.00	
2028	2032	2024	4		Windows Surface/Laptop	\$ 1,500.00	1	\$ 1,500.00	
2028	2029	2027	1		Annual Technology Fees	\$65,909.00	1	\$ 65,909.00	\$ 83,409.00
2029	2034	2024	5		Workstation	\$ 1,750.00	2	\$ 3,500.00	
2029	2030	2028	1		Annual Technology Fees	\$65,909.00	1	\$ 65,909.00	\$ 69,409.00
Total:									\$ 391,295.00

NOTES:

Annual Technology Fees include software maintenance (ESRI, Microsoft, Adobe) and base station pass-through funds. A 5% increase in Microsoft licensing is included for years 4 & 5.

2.2 CAPITAL AND TECHNOLOGY FUND SCHEDULE

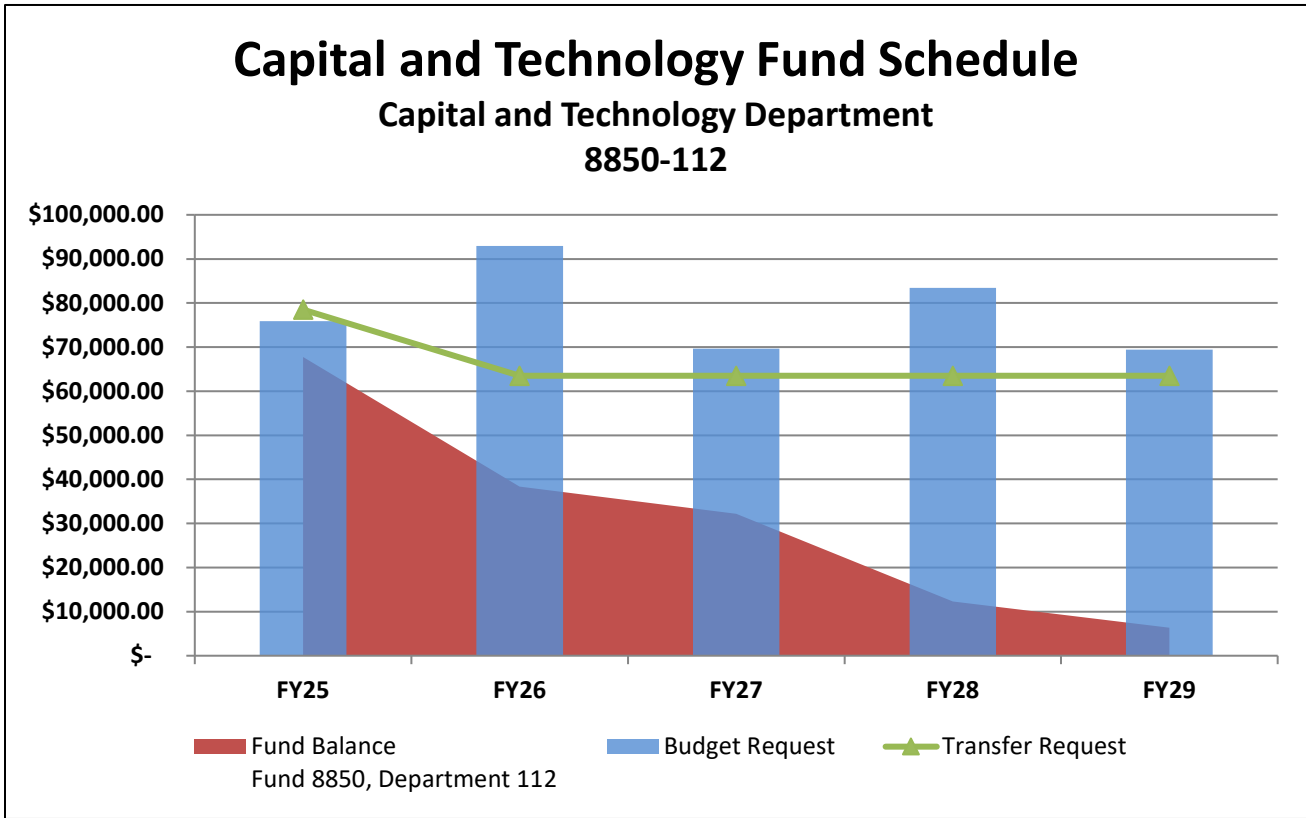


Chart Data - Capital and Technology Fund Schedule				
FY2025 - FY2029				
Fiscal Year	Budget Request	Transfer Request	Fund Balance Fund 8850, Department 112	
FY24	-	-	\$	65,160.48
FY25	\$ 75,909.00	\$ 78,500.00	\$	67,751.48
FY26	\$ 92,909.00	\$ 63,500.00	\$	38,342.48
FY27	\$ 69,659.00	\$ 63,500.00	\$	32,183.48
FY28	\$ 83,409.00	\$ 63,500.00	\$	12,274.48
FY29	\$ 69,409.00	\$ 63,500.00	\$	6,365.48
Total:	\$ 391,295.00			

* In FY2025, the Transfer Request includes a proposed \$20,000 transfer from the 8850 fund balance to the Capital and Technology restricted fund balance.

Fund Balance Payback Period: 4.90 years