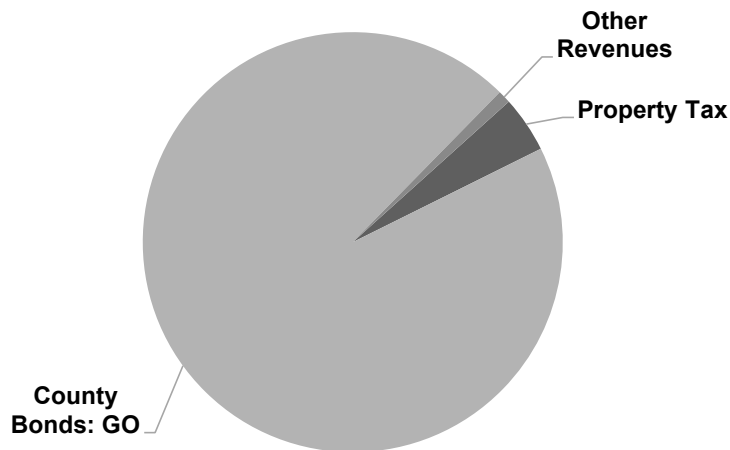


Operations and Libraries

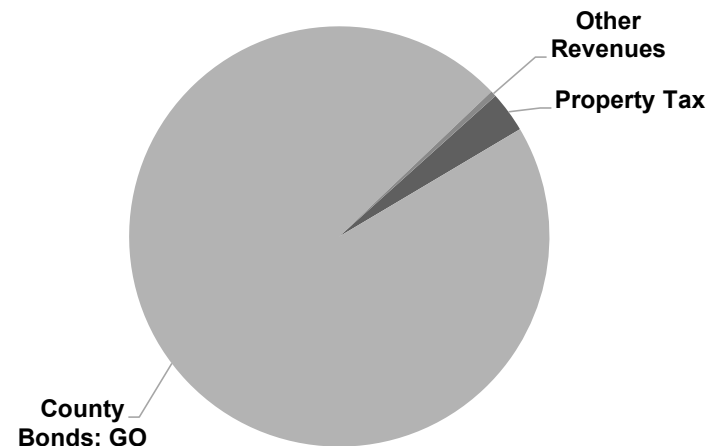
Operations encompasses the policy making, administrative support and staff services necessary for the efficient and effective management of county programs. The Board of Commissioners, as the elected governing body of the county, establishes policies and programs, approves the annual budget, and appoints key officials. The County Administrator is responsible for advising the County Board and implementing approved policies and programs. The Operations departments include Commissioners and Administration, Budget & Finance, Information Technology, Real Property Group, Human Resources, Audit Compliance & Investigative Services, General County Purposes, Municipal Building Commission, Debt Retirement and Ballpark Sales Tax Revenue Programs.

Libraries is comprised of the county's award winning public library system which is comprised of 41 library locations, a substantial on-line presence and additional outreach services located throughout the county, and the Law Library, which provides legal information services pursuant to Minnesota Statutes Chapter 134A to the judges, government officials, practicing attorneys and citizens from a location within the Hennepin County Government Center.

2019 Budget



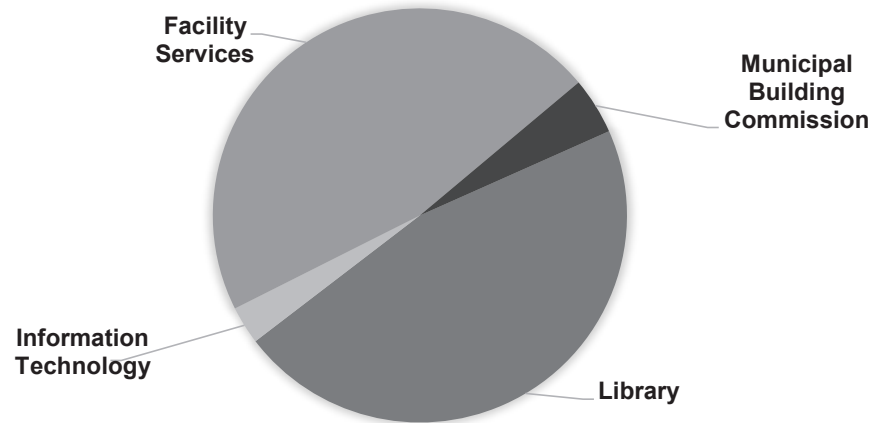
2019 - 2023 CIP



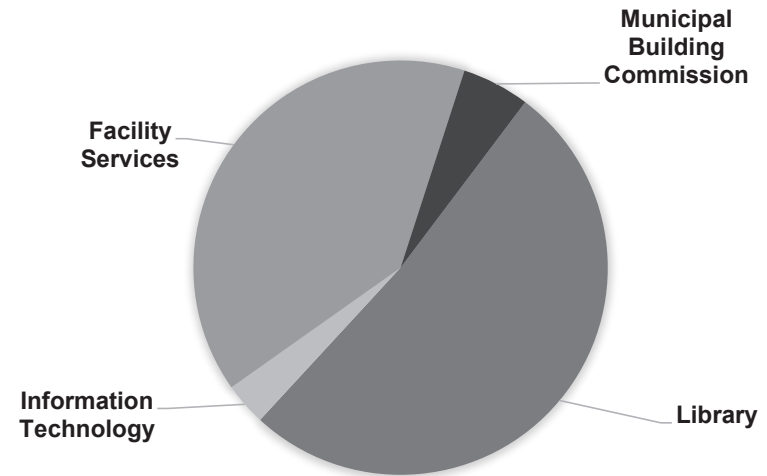
Revenue Category	2019 Budget		2020	2021	2022	2023	2019 - 2023 CIP	
Property Tax	2,180,000	4.3%	1,850,000	1,210,000	900,000	900,000	7,040,000	3.1%
County Bonds: GO	47,687,000	94.7%	75,990,971	55,476,536	20,456,297	16,642,008	216,252,812	96.5%
Other Revenues	500,000	1.0%	500,000	0	0	0	1,000,000	0.4%
Total	50,367,000	100.0%	78,340,971	56,686,536	21,356,297	17,542,008	224,292,812	100.0%

Operations and Libraries Expenditures

2019 Budget



2019 - 2023 CIP



Expenditure Area	2019 Budget		2020	2021	2022	2023	2019 - 2023 CIP	
Library	23,305,000	46.3%	42,932,000	37,149,000	6,135,000	6,170,000	115,691,000	51.6%
Information Technology	1,500,000	3.0%	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	3.3%
Facility Services	23,329,000	46.3%	26,250,000	17,371,000	13,100,000	9,200,000	89,250,000	39.8%
Municipal Building Commission	2,233,000	4.4%	7,658,971	666,536	621,297	672,008	11,851,812	5.3%
Total	50,367,000	100.0%	78,340,971	56,686,536	21,356,297	17,542,008	224,292,812	100.0%

Revenues by Project

NOTE: All Total and subtotal lines precede detail

Pg#	Project Number and Name	Revenue Category	Budget to Date	2019 - 2023 Capital Improvement Program					Beyond	Project Total
				2019 Budget	2020	2021	2022	2023		
	Grand Total		1,031,785,105	470,644,000	576,121,471	473,313,622	238,847,297	91,946,008	31,182,000	2,913,839,503
	OPERATIONS		159,591,200	50,367,000	78,340,971	56,686,536	21,356,297	17,542,008	12,742,000	396,626,012
	Library		11,868,000	23,305,000	42,932,000	37,149,000	6,135,000	6,170,000	12,742,000	140,301,000
VI-4	1001787 Eden Prairie Library Refurbishment		3,158,000	8,906,000	0	0	0	0	0	12,064,000
	Bonds - GO		3,158,000	8,906,000	0	0	0	0	0	12,064,000
VI-6	1005259 New Southdale Library		1,000,000	7,500,000	28,000,000	13,400,000	0	0	0	49,900,000
	Property Tax		200,000	0	0	0	0	0	0	200,000
	Bonds - GO		800,000	7,500,000	28,000,000	13,400,000	0	0	0	49,700,000
VI-8	1004474 North Regional Library Refurbishment		791,000	1,309,000	6,900,000	0	0	0	0	9,000,000
	Bonds - GO		791,000	1,309,000	6,900,000	0	0	0	0	9,000,000
VI-10	1004466 Franklin Library Interior Modifications		0	1,710,000	0	0	0	0	0	1,710,000
	Bonds - GO		0	1,710,000	0	0	0	0	0	1,710,000
VI-12	1002168 Library Facility Preservation 2016-2020		3,500,000	3,500,000	4,000,000	0	0	0	0	11,000,000
	Property Tax		350,000	0	0	0	0	0	0	350,000
	Bonds - GO		3,150,000	3,500,000	4,000,000	0	0	0	0	10,650,000
VI-14	1006394 Library Facility Preservation 2021-2025		0	0	0	4,000,000	4,000,000	4,000,000	0	12,000,000
	Bonds - GO		0	0	0	4,000,000	4,000,000	4,000,000	0	12,000,000
VI-16	1002169 Library Equipment Replacement 2016-2020		3,304,000	0	1,842,000	0	0	0	0	5,146,000
	Property Tax		300,000	0	0	0	0	0	0	300,000
	Bonds - GO		3,004,000	0	1,842,000	0	0	0	0	4,846,000
VI-18	1006403 Library Equipment Replacement 2021-2025		0	0	0	2,037,000	0	0	0	2,037,000
	Bonds - GO		0	0	0	2,037,000	0	0	0	2,037,000
VI-20	1006381 Rockford Road Library Asset Protection		0	0	775,000	3,950,000	0	0	0	4,725,000
	Bonds - GO		0	0	775,000	3,950,000	0	0	0	4,725,000
VI-22	1004468 Westonka Library Replacement		0	200,000	905,000	6,225,000	0	0	0	7,330,000
	Property Tax		0	200,000	0	0	0	0	0	200,000
	Bonds - GO		0	0	905,000	6,225,000	0	0	0	7,130,000
VI-24	1004476 Sumner Library Refurbishment		0	90,000	138,000	3,662,000	0	0	0	3,890,000
	Bonds - GO		0	90,000	138,000	3,662,000	0	0	0	3,890,000
VI-26	1004469 East Lake Library Refurbishment		0	90,000	282,000	3,535,000	0	0	0	3,907,000
	Bonds - GO		0	90,000	282,000	3,535,000	0	0	0	3,907,000
VI-28	1004464 Linden Hills Library Refurbishment		0	0	90,000	340,000	1,785,000	0	0	2,215,000
	Bonds - GO		0	0	90,000	340,000	1,785,000	0	0	2,215,000
VI-30	1006387 Augsburg Park Library Asset Protection		0	0	0	0	350,000	1,600,000	0	1,950,000
	Bonds - GO		0	0	0	0	350,000	1,600,000	0	1,950,000
VI-32	1001788 Brookdale Library Refurbishment		115,000	0	0	0	0	570,000	12,742,000	13,427,000
	Bonds - GO		115,000	0	0	0	0	570,000	12,742,000	13,427,000
	Information Technology		3,520,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	11,020,000
VI-34	1002166 IT Community Connectivity 2016-2020		3,520,000	1,500,000	1,500,000	0	0	0	0	6,520,000
	Bonds - GO		3,520,000	1,500,000	1,500,000	0	0	0	0	6,520,000
VI-36	1006393 IT Community Connectivity 2021-2025		0	0	0	1,500,000	1,500,000	1,500,000	0	4,500,000
	Bonds - GO		0	0	0	1,500,000	1,500,000	1,500,000	0	4,500,000

Revenues by Project

NOTE: All Total and subtotal lines precede detail

Pg#	Project Number and Name	Revenue Category	Budget to Date	2019 - 2023 Capital Improvement Program					Beyond	Project Total
				2019 Budget	2020	2021	2022	2023		
	Facility Services		125,420,000	23,329,000	26,250,000	17,371,000	13,100,000	9,200,000	0	214,670,000
VI-38	1002153	Environmental Health & Safety 2016 - 2020	1,050,000	450,000	450,000	0	0	0	0	1,950,000
		Property Tax	750,000	450,000	450,000	0	0	0	0	1,650,000
		Bonds - GO	300,000	0	0	0	0	0	0	300,000
VI-40	1006395	Environmental Health & Safety 2021 - 2025	0	0	0	500,000	500,000	500,000	0	1,500,000
		Property Tax	0	0	0	500,000	500,000	500,000	0	1,500,000
VI-42	1005192	HCGC Elevator & Escalator Modernization	3,702,000	3,998,000	2,000,000	1,950,000	1,950,000	0	0	13,600,000
		Bonds - GO	3,702,000	3,998,000	2,000,000	1,950,000	1,950,000	0	0	13,600,000
VI-44	1000874	Government Center Rehabilitation	18,634,000	4,000,000	4,000,000	4,366,000	2,000,000	0	0	33,000,000
		Bonds - GO	18,634,000	4,000,000	4,000,000	4,366,000	2,000,000	0	0	33,000,000
VI-46	1005176	Countywide Energy Conservation 2016-2020	2,000,000	1,500,000	1,500,000	0	0	0	0	5,000,000
		Bonds - GO	2,000,000	1,500,000	1,500,000	0	0	0	0	5,000,000
VI-48	1006396	Countywide Energy Conservation 2021-2025	0	0	0	2,000,000	2,000,000	2,000,000	0	6,000,000
		Bonds - GO	0	0	0	2,000,000	2,000,000	2,000,000	0	6,000,000
VI-50	1002155	Building Automation System Upgrades 2016-2020	0	2,000,000	2,000,000	0	0	0	0	4,000,000
		Property Tax	0	200,000	200,000	0	0	0	0	400,000
		Bonds - GO	0	1,800,000	1,800,000	0	0	0	0	3,600,000
VI-52	1006398	Building Automation System Upgrades 2021-2025	0	0	0	1,600,000	1,000,000	1,000,000	0	3,600,000
		Property Tax	0	0	0	160,000	100,000	100,000	0	360,000
		Bonds - GO	0	0	0	1,440,000	900,000	900,000	0	3,240,000
VI-54	1002154	Facility Preservation 2016-2020	9,000,000	3,000,000	3,500,000	0	0	0	0	15,500,000
		Property Tax	100,000	0	0	0	0	0	0	100,000
		Bonds - GO	8,900,000	3,000,000	3,500,000	0	0	0	0	15,400,000
VI-56	1006397	Facility Preservation 2021-2025	0	0	0	4,000,000	4,000,000	4,000,000	0	12,000,000
		Bonds - GO	0	0	0	4,000,000	4,000,000	4,000,000	0	12,000,000
VI-58	1004461	1800 Chicago Infrastructure Replacements	6,959,000	1,501,000	1,500,000	0	0	0	0	9,960,000
		Bonds - GO	6,959,000	1,501,000	1,500,000	0	0	0	0	9,960,000
VI-60	1002159	701 Building Facility Preservation 2016-2020	4,200,000	2,000,000	1,000,000	0	0	0	0	7,200,000
		Bonds - GO	1,905,000	1,500,000	500,000	0	0	0	0	3,905,000
		Lease Revenues	2,295,000	500,000	500,000	0	0	0	0	3,295,000
VI-62	1006400	701 Building Facility Preservation 2021-2025	0	0	0	750,000	750,000	750,000	0	2,250,000
		Bonds - GO	0	0	0	750,000	750,000	750,000	0	2,250,000
VI-64	1005285	701 Building Facade Restoration	0	0	3,000,000	0	0	0	0	3,000,000
		Bonds - GO	0	0	3,000,000	0	0	0	0	3,000,000
VI-66	1002242	Countywide Security Systems & Equipment	6,000,000	4,000,000	3,950,000	1,355,000	0	0	0	15,305,000
		Property Tax	400,000	1,000,000	950,000	250,000	0	0	0	2,600,000
		Bonds - GO	5,200,000	3,000,000	3,000,000	1,105,000	0	0	0	12,305,000
		State - Other	400,000	0	0	0	0	0	0	400,000
VI-68	1002156	Accessibility Modifications 2016-2020	390,000	250,000	250,000	0	0	0	0	890,000
		Property Tax	195,000	50,000	50,000	0	0	0	0	295,000
		Bonds - GO	195,000	200,000	200,000	0	0	0	0	595,000

Revenues by Project

NOTE: All Total and subtotal lines precede detail

Pg#	Project Number and Name	Revenue Category	Budget to Date	2019 - 2023 Capital Improvement Program					Beyond	Project Total
				2019 Budget	2020	2021	2022	2023		
VI-70	1006401	Accessibility Modifications 2021-2025	0	0	0	450,000	450,000	450,000	0	1,350,000
		Property Tax	0	0	0	100,000	100,000	100,000	0	300,000
		Bonds - GO	0	0	0	350,000	350,000	350,000	0	1,050,000
VI-72	1002158	Carpet Replacement Program 2016-2020	2,235,000	280,000	200,000	0	0	0	0	2,715,000
		Property Tax	300,000	280,000	200,000	0	0	0	0	780,000
		Bonds - GO	1,935,000	0	0	0	0	0	0	1,935,000
VI-74	1006399	Carpet Replacement Program 2021-2025	0	0	0	200,000	200,000	200,000	0	600,000
		Property Tax	0	0	0	200,000	200,000	200,000	0	600,000
VI-76	1006382	City Hall/Courthouse 3rd Floor Space Modifications	0	250,000	2,750,000	0	0	0	0	3,000,000
		Bonds - GO	0	250,000	2,750,000	0	0	0	0	3,000,000
VI-78	1006554	County-wide Mother's Room Refurbishments	0	100,000	150,000	200,000	250,000	300,000	0	1,000,000
		Bonds - GO	0	100,000	150,000	200,000	250,000	300,000	0	1,000,000
VI-80	1004483	Downtown Office Space Expansion	71,250,000	0	0	0	0	0	0	71,250,000
		Property Tax	250,000	0	0	0	0	0	0	250,000
		Bonds - GO	71,000,000	0	0	0	0	0	0	71,000,000
		Municipal Building Commission	18,783,200	2,233,000	7,658,971	666,536	621,297	672,008	0	30,635,012
VI-82	0031317	MBC Life/Safety Improvements	5,434,000	0	120,226	92,056	103,377	74,008	0	5,823,667
		Property Tax	767,000	0	0	0	0	0	0	767,000
		Bonds - GO	4,667,000	0	120,226	92,056	103,377	74,008	0	5,056,667
VI-84	1006502	MBC Safety Improvements Non-stage Work Areas	0	1,033,000	2,704,545	0	0	0	0	3,737,545
		Bonds - GO	0	1,033,000	2,704,545	0	0	0	0	3,737,545
VI-86	0031483	MBC Mechanical Systems Upgrades	9,784,200	0	0	324,480	517,920	598,000	0	11,224,600
		Property Tax	75,000	0	0	0	0	0	0	75,000
		Bonds - GO	9,709,200	0	0	324,480	517,920	598,000	0	11,149,600
VI-88	1000935	MBC Exterior Improvements	3,155,000	0	2,813,200	0	0	0	0	5,968,200
		Bonds - GO	3,155,000	0	2,813,200	0	0	0	0	5,968,200
VI-90	1004484	MBC Elevator Upgrades	410,000	1,200,000	1,296,000	0	0	0	0	2,906,000
		Bonds - GO	410,000	1,200,000	1,296,000	0	0	0	0	2,906,000
VI-92	1006518	MBC ADC Electric Locks Upgrade	0	0	675,000	0	0	0	0	675,000
		Bonds - GO	0	0	675,000	0	0	0	0	675,000
VI-94	1006384	MBC Electrical Upgrades	0	0	50,000	250,000	0	0	0	300,000
		Bonds - GO	0	0	50,000	250,000	0	0	0	300,000

Project Name: 1001787 Eden Prairie Library Refurbishment
Major Program: Operations
Department: Library

Funding Start: 2017
Funding Completion: 2019

Summary:
The Eden Prairie Library, located at 565 Prairie Center Drive in Eden Prairie, MN, is 53,600 gross square foot (GSF) single story facility situated on a 4.4 acre site with a surface lot for 185 vehicles. This project will selectively remodel and refurbish approximately 41,000 usable square foot (USF) of the library (including 9,700 USF of staff space) to update the current library space and make it more efficient and patron friendly. Facility asset preservation improvements will be made to address infrastructure and building system requirements to preserve building integrity and maintain long term value as a real-estate asset.

Purpose & Description:
This library was converted from the former Lund's grocery store in 2004. There have been no major remodeling or refurbishments since that date. Approximately 41,000 USF of the library (including staff space) will undergo remodeling and refurbishment to update the current library space and make it more efficient and in line with the needs of today's patrons. Proposed improvements to the library include: reconfiguration and relocation of some public areas to support 21st century library service. Interactive spaces for youth and teens, easy access to outside spaces for all ages. A larger teen area with flexible space used for Maker Space, meetings, or gaming. Service points that are intuitive and easy to find, and zones for quiet, collaboration, homework, and play. A review of the staff support spaces will be conducted in order to optimize space layouts for efficiency gains in alignment with current operating procedures.

A facility assessment was completed in early 2017, identifying infrastructure and building system improvements needed to preserve building integrity and longevity. These improvements include: repairs and updates to HVAC, and electrical systems; Lighting upgrades for energy improvements; Exterior building shell repairs; Exterior site improvements (paving surfaces, grounds and landscape, lighting, site drainage), and Technology system upgrades (IT/data and security systems). Improvements needed to address code compliance, energy code, and environmental and safety requirements are also incorporated into the full project scope.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	3,158,000	57,529	3,100,471	8,906,000	-	-	-	-	-	12,064,000
Bonds - GO Library	-	356,231	(356,231)	-	-	-	-	-	-	-
Total	3,158,000	413,760	2,744,240	8,906,000	-	-	-	-	-	12,064,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	2,148,000	-	2,148,000	5,445,000	-	-	-	-	-	7,593,000
Consulting	907,000	1,116,646	(209,646)	594,000	-	-	-	-	-	1,501,000
Equipment	-	70	(70)	339,000	-	-	-	-	-	339,000
Furnishings	-	4,550	(4,550)	1,428,000	-	-	-	-	-	1,428,000
Other Costs	-	55,653	(55,653)	349,000	-	-	-	-	-	349,000
Contingency	103,000	-	103,000	751,000	-	-	-	-	-	854,000
Total	3,158,000	1,176,919	1,981,081	8,906,000	-	-	-	-	-	12,064,000

Project Name: 1001787 Eden Prairie Library Refurbishment				Funding Start: 2017				
Major Program: Operations				Funding Completion: 2019				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	3,158,000	8,956,000	-	-	-	-	-	12,114,000
Administrator Proposed	3,158,000	8,906,000	-	-	-	-	-	12,064,000
CBTF Recommended	3,158,000	8,906,000	-	-	-	-	-	12,064,000
Board Approved Final	3,158,000	8,906,000	-	-	-	-	-	12,064,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2017				<p>This project is a reflection of the Library/Facility Services revised focus on the asset as a whole and is an effort to coordinate and combine both facility preservation items along with Library remodeling needs to take advantage of upgrades while the Library is closed.</p> <p>The Automatic Materials Handling machine (AMH) is currently located in an area directly adjacent to staff space with no sound barrier. The AMH operates on pneumatic controls and through the use of mechanical rotators and placers which put materials on book carts. The equipment is old and replacement parts are no longer available. The AMH system will be replaced with newer technology which uses electronic controls and sorts into bins, requiring less maintenance. Funding for the new AMH machine is included in the Equipment Replacement Project (1002169).</p>				
Design: 2017								
Procurement: 2018								
Construction: 2019								
Completion: 2019								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
LED lighting will be installed throughout the building which will have a positive impact on the environment.								
Changes from Prior CIP: Resolution 18-0242R1 (6/26/2018): Approved an agreement with Kidzibits, Inc to install and maintain early literacy project exhibits in numerous libraries; however at a reduced total contract amount resulting in a \$50,000 reduction to this project budget in year 2019.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	358,000	4,270,000	7,473,000	-	-	-	-	12,101,000
Administrator Proposed	358,000	2,800,000	9,316,000	-	-	-	-	12,474,000
CBTF Recommended	358,000	2,800,000	9,316,000	-	-	-	-	12,474,000
Board Approved Final	358,000	2,800,000	8,956,000	-	-	-	-	12,114,000

Project Name: 1005259 New Southdale Library
Major Program: Operations
Department: Library

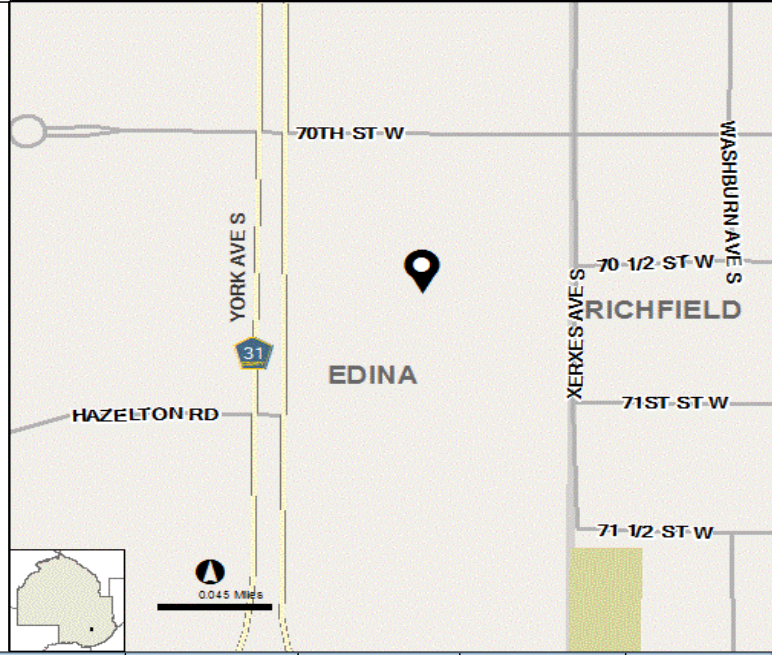
Funding Start: 2018
Funding Completion: 2021

Summary:
 This project will replace the existing Southdale Regional Center with a new 72,000 gross square foot modern library and structured parking.

Purpose & Description:
 Southdale Regional Center, located at 7009 York Ave. S. in Edina, is an 116,580 gross square foot (GSF) facility situated on a 7.7 acre site with a parking lot for 480 vehicles. It is currently comprised of two major public service components which include: 1) The library, with 69,600 usable square feet (USF), and 2) District Court in the south building, with 14,700 USF on two floors. The Resident & Real Estate Services' Service Center previously occupied 6,800 USF in the south building and was relocated to the Southdale Mall in 2016.

In the years since its construction in 1972, multiple renovation and expansion projects have been undertaken on the building. Due to the high cost of facility preservation of existing building systems and infrastructure as well as its age and inefficient layout for service provision, a decision was made to leverage the value of the site and pursue re-development. The County will construct a new, stand-alone library of approximately 55,000 USF (72,000 GSF), along with associative parking, on approximately one-half of the existing site. The remaining portion of the site will be considered for its best re-use separate from the Library program requirements. The existing structure will be demolished.

Community meetings and outreach has taken place in 2016, 2017 and 2018 to solicit feedback from residents, library patrons and stakeholders. Additional opportunities for community input will be provided as the Library design continues into 2019.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	200,000	200,000	-	-	-	-	-	-	-	200,000
Bonds - GO	800,000	-	800,000	7,500,000	28,000,000	13,400,000	-	-	-	49,700,000
Total	1,000,000	200,000	800,000	7,500,000	28,000,000	13,400,000	-	-	-	49,900,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	3,590,000	21,531,000	10,767,000	-	-	-	35,888,000
Consulting	-	72,417	(72,417)	4,559,000	1,140,000	-	-	-	-	5,699,000
Equipment	-	-	-	-	997,000	427,000	-	-	-	1,424,000
Furnishings	-	-	-	-	1,183,000	507,000	-	-	-	1,690,000
Other Costs	-	-	-	151,000	960,000	512,000	-	-	-	1,623,000
Contingency	1,000,000	-	1,000,000	(800,000)	2,189,000	1,187,000	-	-	-	3,576,000
Total	1,000,000	72,417	927,583	7,500,000	28,000,000	13,400,000	-	-	-	49,900,000

Project Name: 1005259 New Southdale Library				Funding Start: 2018				
Major Program: Operations				Funding Completion: 2021				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	1,000,000	7,500,000	28,000,000	13,500,000	-	-	-	50,000,000
Administrator Proposed	1,000,000	7,500,000	28,000,000	13,400,000	-	-	-	49,900,000
CBTF Recommended	1,000,000	7,500,000	28,000,000	13,400,000	-	-	-	49,900,000
Board Approved Final	1,000,000	7,500,000	28,000,000	13,400,000	-	-	-	49,900,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2018				<p>A preliminary order of magnitude estimate for the new Southdale Library factored in a library with 55,000 USF, which is similar in size to the other Regional Libraries in the Hennepin County Library system (Brookdale Regional Library: 57,000 USF; Ridgedale Regional Library: 54,000 USF).</p> <p>The 55,000 USF was multiplied against a grossing factor of 1.30 to account for building common and maintenance spaces such as maintenance office and storage space, loading docks, mechanical rooms, stairs, shafts, exterior walls, etc. This gives the new Southdale Library a size of approximately 72,000 GSF (gross square feet). The estimated cost per GSF is approximately \$600/GSF x 72,000 GSF = \$43,000,000 for the Southdale Library.</p> <p>Additionally, an underground parking ramp with 200 stalls is proposed to provide parking for patrons of the library. The estimate cost per stall for an underground ramp is \$35,000/stall x 200 stalls = \$7,000,000 for an underground parking ramp.</p> <p>The Southdale Library will be closed during construction. Temporary lease space will be needed to store library collection and equipment during the closure.</p> <p>Please note that all factors in this order of magnitude estimate are subject to change.</p> <p>Resolution 18-0242R1 (6/26/2108): Approved an agreement with Kidzibits, Inc to install and maintain early literacy project exhibits in numerous libraries; however at a reduced total contract amount resulting in a \$100,000 reduction to this project budget in year 2021.</p>				
Design: 2019								
Procurement: 2019								
Construction: 2020 - 2021								
Completion: Fall of 2021								
Project's Effect on Annual Operating Budget:								
Its is anticipated that there will be cost savings due to reduced energy usage consumption in the new facility.								
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
Overall reduction of energy consumption and carbon footprint. Environmental improvements to site.								
Changes from Prior CIP: Resolution 18-0242R1 (6/26/2018): Approved an agreement with Kidzibits, Inc to install and maintain early literacy project exhibits in numerous libraries; however at a reduced total contract amount resulting in a \$100,000 reduction to this project budget in year 2019.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	1,000,000	30,000,000	19,000,000	-	-	-	50,000,000
Administrator Proposed	-	1,000,000	30,000,000	19,000,000	-	-	-	50,000,000
CBTF Recommended	-	1,000,000	30,000,000	19,000,000	-	-	-	50,000,000
Board Approved Final	-	1,000,000	30,000,000	19,000,000	-	-	-	50,000,000

Project Name: 1004474 North Regional Library Refurbishment
Major Program: Operations
Department: Library

Funding Start: 2017
Funding Completion: 2020

Summary:
This project will remodel and refurbish approximately 23,000 USF (including 5,600 USF of staff space) of the North Regional Library, located at 1315 Lowry Ave. N. in Minneapolis, MN. Additionally, facility asset preservation improvements will also be made to address infrastructure and building system requirements to preserve building integrity and maintain long term value as a real-estate asset.

Purpose & Description:
Hennepin County Library (HCL) is committed to fulfilling our mission and vision and achieving the outcomes we set through all of our services. A key to meeting that goal is regular updates and maintenance for our buildings.

Hennepin County library is moving toward a more equitable and responsible capital renovation strategy. Based on the new capital project framework, North Regional Library falls within these parameters. In addition to updating furniture and finishes, the following changes are recommended:

- As a heavily used library, upgrades are needed for wear and tear of furnishings, carpet, and public computers;
- Staff areas are on two floors, consolidate for improved efficiencies;
- Conference and meeting rooms are on second floor, add study rooms to first floor;
- Improve acoustics throughout the building, including cap ceilings;
- HVAC needs to be assessed; the facility's Air Handling Unit was retained during NR's remodel in 2006, with ventilation duct distribution alteration for the remodel;
- Restrooms and second floor access do not meet code.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	791,000	45,742	745,258	1,309,000	6,900,000	-	-	-	-	9,000,000
Bonds - GO Library	-	70,117	(70,117)	-	-	-	-	-	-	-
Total	791,000	115,859	675,141	1,309,000	6,900,000	-	-	-	-	9,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	1,138	(1,138)	582,000	5,209,000	-	-	-	-	5,791,000
Consulting	665,000	254,391	410,609	315,000	79,000	-	-	-	-	1,059,000
Equipment	-	3,792	(3,792)	-	268,000	-	-	-	-	268,000
Furnishings	-	-	-	-	922,000	-	-	-	-	922,000
Other Costs	-	218	(218)	57,000	85,000	-	-	-	-	142,000
Contingency	126,000	-	126,000	355,000	337,000	-	-	-	-	818,000
Total	791,000	259,539	531,461	1,309,000	6,900,000	-	-	-	-	9,000,000

Project Name: 1004474 North Regional Library Refurbishment				Funding Start: 2017				
Major Program: Operations				Funding Completion: 2020				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	791,000	1,309,000	6,900,000	-	-	-	-	9,000,000
Administrator Proposed	791,000	1,309,000	6,900,000	-	-	-	-	9,000,000
CBTF Recommended	791,000	1,309,000	6,900,000	-	-	-	-	9,000,000
Board Approved Final	791,000	1,309,000	6,900,000	-	-	-	-	9,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2018				<p>This project is a reflection of the Facility Services/Library revised focus on the asset as a whole and is an effort to coordinate and combine both facility preservation items along with Library remodeling needs to take advantage of upgrades while the Library is closed.</p> <p>The North Regional Library is a 38,993 gross square foot (GSF) two story facility situated on a 1.36 acre site, with a surface parking lot for 41 vehicles. An enclosed parking garage of 2,872 USF is included in the above GSF. A partial lower level space houses mechanical equipment. This library, built in 1971, has not seen any major remodeling since 2007.</p> <p>Approximately 23,000 USF (including 5,600 USF of staff space) will undergo selective remodeling and refurbishment to support 21st century library service to patrons by reconfiguring public areas to support new and innovative services and replacement of furniture and carpet as needed. A review of the staff support spaces will be conducted in order to optimize space layouts for efficiency gains in alignment with current operating procedures.</p> <p>A facility assessment of the Library will be conducted in 2018 to identify infrastructure and building system improvements needed to preserve building integrity and longevity. The areas that will be assessed include: Exterior building shell repairs (wall, roof, windows); Exterior site improvements (paving surfaces, grounds and landscape, lighting, site drainage), interior lighting upgrades for energy improvements; elevator repairs, carpet replacement and technology system upgrades (IT/data and security systems). Improvements needed to address code compliance, energy code, and environmental and safety requirements will also be incorporated into the full project scope.</p>				
Design: 2018 - 2019								
Procurement: 2019								
Construction: 2019-2020								
Completion: 2020								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: The 2019-2023 estimate increased by \$2,964,000 over the 2018-2022 estimate due the following factors: 1) a facility condition assessment has now been completed and findings have provided more details and scope than initially anticipated 2) the usable square footage to be refurbished has increased to include more programming space for the Library 3) construction escalation has increase as the schedule has been pushed out 6 months.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	58,000	733,000	5,425,000	-	-	-	-	6,216,000
Administrator Proposed	58,000	733,000	5,425,000	-	-	-	-	6,216,000
CBTF Recommended	58,000	733,000	5,425,000	-	-	-	-	6,216,000
Board Approved Final	58,000	733,000	5,245,000	-	-	-	-	6,036,000

Project Name: 1004466 Franklin Library Interior Modifications Major Program: Operations Department: Library	Funding Start: 2019 Funding Completion: 2019
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Summary:
 This project will selectively refurbish heavily utilized public areas to respond to operational and facility needs at the Franklin Library, located at 1314 E. Franklin Avenue in Minneapolis, MN.

Purpose & Description:
 Hennepin County Library is committed to fulfilling our mission and vision and achieving the outcomes we set through all of our services. A key to meeting that goal is moving toward a more equitable and responsible capital renovation strategy. Based on the new capital project framework, Franklin Library falls within these parameters.

Franklin Library experiences extremely high levels of patron use, resulting in a greater need for periodic facility updates. This project will address immediate building improvements needed to support continued library operations and services while a more comprehensive long-term plan for the Franklin Library is developed. Areas that will be addressed in this limited scope project include replacement of flooring that is at the end of useful life, accessibility and safety improvements at restrooms, and replacement of worn furniture and equipment.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	1,710,000	-	-	-	-	-	1,710,000
Total	-	-	-	1,710,000	-	-	-	-	-	1,710,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	701,000	-	-	-	-	-	701,000
Consulting	-	-	-	269,000	-	-	-	-	-	269,000
Equipment	-	-	-	99,000	-	-	-	-	-	99,000
Furnishings	-	-	-	422,000	-	-	-	-	-	422,000
Other Costs	-	-	-	40,000	-	-	-	-	-	40,000
Contingency	-	-	-	179,000	-	-	-	-	-	179,000
Total	-	-	-	1,710,000	-	-	-	-	-	1,710,000

Project Name: 1004466 Franklin Library Interior Modifications				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2019				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	1,710,000	-	-	-	-	-	1,710,000
Administrator Proposed	-	1,710,000	-	-	-	-	-	1,710,000
CBTF Recommended	-	1,710,000	-	-	-	-	-	1,710,000
Board Approved Final	-	1,710,000	-	-	-	-	-	1,710,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2018				<p>The Franklin Library is a 13,283 gross square foot (GSF) two story facility situated on a .33 acre site. There is no on-site parking at this site. The Franklin Library has received historic designation from the City of Minneapolis Heritage Preservation Commission and is listed on the National Register of Historic Places. This library, built in 1914, has not seen any major remodeling or refurbishments since 2005.</p> <p>This project will refurbish select areas of Library's public space, including restroom renovation, replacement of flooring and furniture as needed. A short closure of the Library will be needed to complete the work.</p>				
Design: March 2019								
Procurement: June 2019								
Construction: August 2019								
Completion: October 2019								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
The 2019-2023 estimate has decreased by \$1,227,000 from the 2018-2022 estimate as this project has been re-scoped and will primarily focused on finishes (carpet) and furnishings.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	141,000	706,000	2,180,000	-	-	3,027,000
Administrator Proposed	-	-	141,000	706,000	2,180,000	-	-	3,027,000
CBTF Recommended	-	-	141,000	706,000	2,180,000	-	-	3,027,000
Board Approved Final	-	-	141,000	706,000	2,090,000	-	-	2,937,000

Project Name: 1002168 Library Facility Preservation 2016-2020
Major Program: Operations
Department: Library

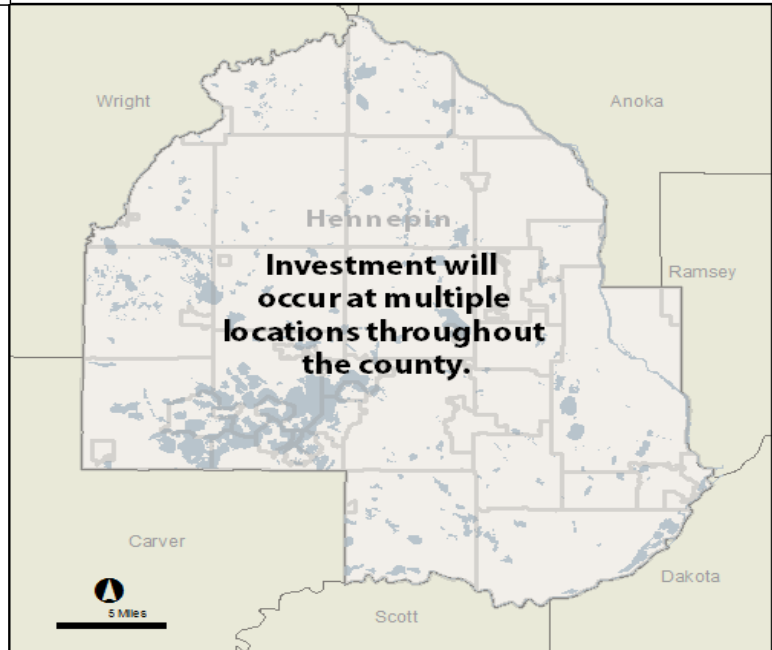
Funding Start: 2016
Funding Completion: 2020

Summary:
 This project provides the basis for implementing an annual, on-going facility preservation program at 33 of the 41 Hennepin county Library facilities. It is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the County's real property assets.

Purpose & Description:
 Based on "Best Practice" standards, Facility Services staff has established a program of surveys and facility audits of the Library building systems to determine major maintenance or infrastructure replacement plans. This information is maintained in an archival database which can be queried and prioritized for implementation. These replacements are required to maintain the existing library buildings in a good state of repair.

All of the work done under the auspices of this project was identified through periodic surveys of the respective building systems by expert consultants and operations and maintenance staff. The surveys and audits provide a work plan to effect major facility repairs, renovations and upgrades in support of the County's service mission. Availability of regular funding through this project will permit staff to continue conducting building condition evaluations and implement the work in a planned and cost effective manner. This funding will also permit staff to conduct cyclical inspections based on the statistical average life cycles of various building infrastructure systems. This will ensure buildings remain in an optimal condition thereby prolonging their useful life through use of capital resources in an efficient and responsible manner.

Examples of facility preservation items that preserve building integrity and maintain long term value as real-estate assets include: Major HVAC Modifications and/or Replacement, Major Plumbing Repairs and/or Replacement, Major Electrical Repair/Component Replacement, Exterior Walls Rehab (tuck-pointing, stucco repairs, cladding, joint sealant, etc.), Window Replacement, Exterior Lighting Replacement, major Roof Repairs and/or Replacement, Sewer System Repairs and/or Replacement, Grounds Preservation (sprinkler systems and water detention ponds), Paving and Parking Surface Repairs and/or Replacement.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	350,000	350,000	-	-	-	-	-	-	-	350,000
Bonds - GO	3,150,000	277,720	2,872,280	3,500,000	4,000,000	-	-	-	-	10,650,000
Bonds - GO Library	-	1,013,931	(1,013,931)	-	-	-	-	-	-	-
Other	-	19,205	(19,205)	-	-	-	-	-	-	-
Total	3,500,000	1,660,857	1,839,143	3,500,000	4,000,000	-	-	-	-	11,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	2,800,000	1,621,732	1,178,268	2,800,000	3,200,000	-	-	-	-	8,800,000
Consulting	350,000	294,886	55,114	350,000	400,000	-	-	-	-	1,100,000
Equipment	-	12,767	(12,767)	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	98	(98)	-	-	-	-	-	-	-
Contingency	350,000	-	350,000	350,000	400,000	-	-	-	-	1,100,000
Total	3,500,000	1,929,483	1,570,517	3,500,000	4,000,000	-	-	-	-	11,000,000

Project Name: 1002168 Library Facility Preservation 2016-2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	3,500,000	4,000,000	4,000,000	-	-	-	-	11,500,000
Administrator Proposed	3,500,000	3,500,000	4,000,000	-	-	-	-	11,000,000
CBTF Recommended	3,500,000	3,500,000	4,000,000	-	-	-	-	11,000,000
Board Approved Final	3,500,000	3,500,000	4,000,000	-	-	-	-	11,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Major projects planned in 2019:				This request is based on a five year cyclical program of facility condition assessments, inspections and staff observations that form the basis for the identified project scope. Assessments for the 18 suburban libraries were recently conducted in 2016.				
<ul style="list-style-type: none"> Exterior envelope work Penn Lake (\$1,000,000) Sidewalk and curb replacement at Hopkins (\$300,000) Window and fire sprinkler replacement at Old Brooklyn Park (\$450,000) Refurbish structural columns at Central Library (\$125,000) 				<ul style="list-style-type: none"> Project Balance 1/1/18 \$1,700,000 Anticipated 2018 Project Expenditures <u>\$1,250,000</u> Anticipated Balance 12/31/2018 \$ 550,000 • 2019 Request \$4,000,000* 2019 Anticipated Expenditures <u>\$(4,000,000)</u> Anticipated Balance 12/31/2019 \$ 550,000 				
Scoping: N/A Design: N/A Procurement: N/A Construction: N/A Completion: N/A				* The annual request has been capped at \$4 million due to workload capacity				
Project's Effect on Annual Operating Budget:				This project is preceded by the following capital project:				
Replacement of aging equipment and roofing will result in energy savings and a reduction in maintenance costs.				<ul style="list-style-type: none"> Minneapolis Community Library Preservation (#0030324) Funded Budget: \$3,500,000 Expenditures: <u>\$3,035,000</u> Balance as of 12/14/2018: \$ 465,000 				
Annual Impact for Requesting Department: 0				Note: The Library Refurbishment Projects will include the facility preservation scope that is best suited to be completed with the facility refurbishment.				
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
The overall 2019-2023 Library facility preservation program has increased \$2,000,000 over the 2018-2022 budget due to added staff to Facilities Services Preservation group which has increased workload capacities.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	3,500,000	1,000,000	1,500,000	1,000,000	1,000,000	1,000,000	-	9,000,000
Administrator Proposed	3,500,000	-	1,500,000	1,500,000	1,500,000	1,000,000	-	9,000,000
CBTF Recommended	3,500,000	-	1,500,000	1,500,000	1,500,000	1,000,000	-	9,000,000
Board Approved Final	3,500,000	-	1,500,000	1,500,000	1,500,000	1,000,000	-	9,000,000

Project Name: 1006394 Library Facility Preservation 2021-2025
Major Program: Operations
Department: Library

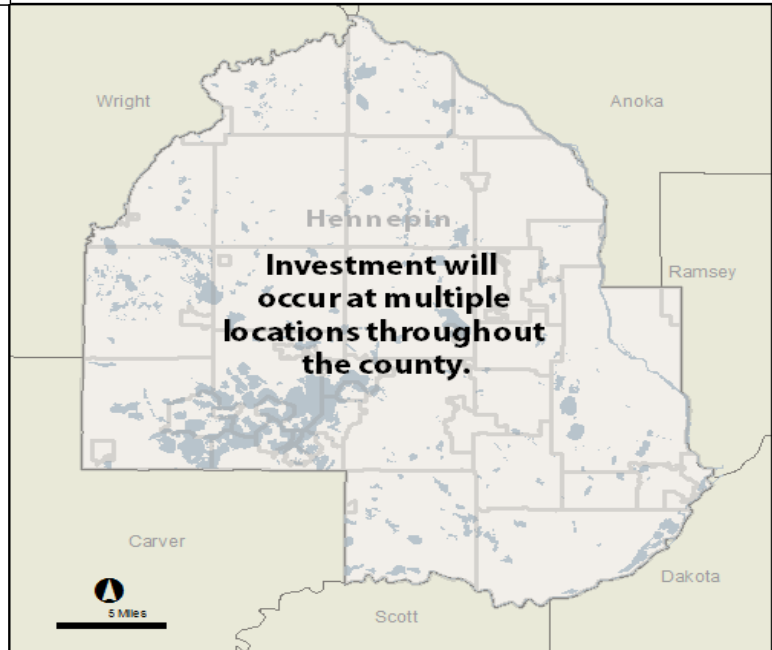
Funding Start: 2021
Funding Completion: 2025

Summary:
 This project provides the basis for implementing an annual, on-going facility preservation program at 33 of the 41 Hennepin County Library facilities. It is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the County's real property assets.

Purpose & Description:
 Based on "Best Practice" standards, Facility Services staff has established a program of surveys and facility audits of the Library building systems to determine major maintenance or infrastructure replacement plans. This information is maintained in an archival database which can be queried and prioritized for implementation. These replacements are required to maintain the existing library buildings in a good state of repair.

All of the work done under the auspices of this project was identified through periodic surveys of the respective building systems by expert consultants and operations and maintenance staff. The surveys and audits provide a work plan to effect major facility repairs, renovations and upgrades in support of the County's service mission. Availability of regular funding through this project will permit staff to continue conducting building condition evaluations and implement the work in a planned and cost effective manner. This funding will also permit staff to conduct cyclical inspections based on the statistical average life cycles of various building infrastructure systems. This will ensure buildings remain in an optimal condition thereby prolonging their useful life through use of capital resources in an efficient and responsible manner.

Examples of facility preservation items that preserve building integrity and maintain long term value as real-estate assets include: Major HVAC Modifications and/or Replacement, Major Plumbing Repairs and/or Replacement, Major Electrical Repair/Component Replacement, Exterior Walls Rehab (tuck-pointing, stucco repairs, cladding, joint sealant, etc.), Window Replacement, Exterior Lighting Replacement, major Roof Repairs and/or Replacement, Sewer System Repairs and/or Replacement, Grounds Preservation (sprinkler systems and water detention ponds), Paving and Parking Surface Repairs and/or Replacement.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Total	-	-	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3,200,000	3,200,000	3,200,000	-	9,600,000
Consulting	-	-	-	-	-	400,000	400,000	400,000	-	1,200,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	400,000	400,000	400,000	-	1,200,000
Total	-	-	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000

Project Name: 1006394 Library Facility Preservation 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Administrator Proposed	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
CBTF Recommended	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Board Approved Final	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>This request is based on a five year cyclical program of facility condition assessments, inspections and staff observations that form the basis for the identified project scope. Assessments for the 18 suburban libraries were recently conducted in 2016.</p> <p>This capital project is preceded by the Library Facility Preservation 2016-2020 (1002168) project.</p>				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Replacement of aging equipment and roofing will result in energy savings and a reduction in maintenance costs.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1002169 Library Equipment Replacement 2016-2020

Major Program: Operations

Department: Library

Funding Start: 2016

Funding Completion: 2020

Summary:

This project is to provide for new and replacement automated material handling (AMH) equipment throughout the Hennepin County Library (HCL) system.

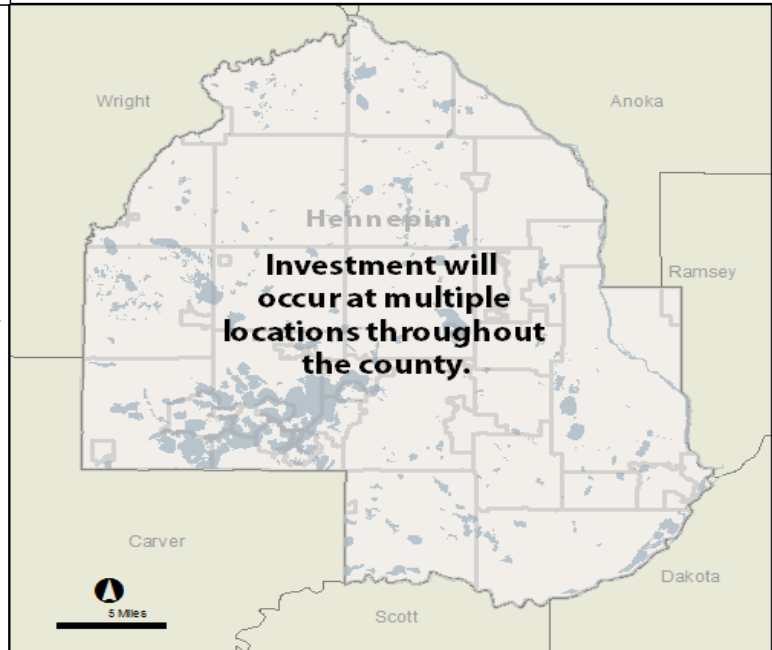
Purpose & Description:

The Hennepin County Library system is one of the most heavily used in the United States. This use manifests itself in many ways, two of which are addressed in this project: Use of the facilities and demand for materials.

Utilizing AMH technology provides many benefits for patrons and staff including; reducing ergonomic issues and potential damage to materials; materials are checked-in, returned to the shelf and become available more rapidly; reserved materials are getting to patrons more quickly.

HCL will be implementing new NXT Technology AMH machines at some locations. These machines are installed in library locations with high circulation in order to reduce manual handling and improve productivity.

Large UltraSort AMH equipment operating with pneumatic controls will be replaced with new electronic systems as they reach the end of the equipment lifecycle. Pneumatic controls, which operate at high volume, utilize rotators and spacers, which constantly move to place materials on book trucks. Newer machines use electronic controls and sort materials directly into bins, thus eliminating the use of constantly moving parts, which are subject to wear and tear. Replacement parts for the pneumatic controls are becoming obsolete, and the machines difficult to service.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	300,000	300,000	-	-	-	-	-	-	-	300,000
Bonds - GO	3,004,000	222,487	2,781,513	-	1,842,000	-	-	-	-	4,846,000
Total	3,304,000	522,487	2,781,513	-	1,842,000	-	-	-	-	5,146,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Consulting	-	-	-	-	-	-	-	-	-	-
Equipment	2,783,000	870,812	1,912,188	-	1,657,000	-	-	-	-	4,440,000
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	521,000	-	521,000	-	185,000	-	-	-	-	706,000
Total	3,304,000	870,812	2,433,188	-	1,842,000	-	-	-	-	5,146,000

Project Name: 1002169 Library Equipment Replacement 2016-2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	3,304,000	-	1,842,000	-	-	-	-	5,146,000
Administrator Proposed	3,304,000	-	1,842,000	-	-	-	-	5,146,000
CBTF Recommended	3,304,000	-	1,842,000	-	-	-	-	5,146,000
Board Approved Final	3,304,000	-	1,842,000	-	-	-	-	5,146,000
Scheduling Milestones (major phases only): 2017-2021: New/replacement systems and repairs 2017-2018: Ridgedale 2018-2019: Eden Prairie 2019-2021: Southdale Scoping: N/A Design: N/A Procurement: N/A Construction: N/A Completion: N/A				Board Resolutions / Supplemental Information: Major renovations of the Ridgedale, Eden Prairie and Southdale Libraries are scheduled between 2017-2021. The UltraSort Automatic Materials Handling machines (AMH) at those locations are original to the facilities and operate on older pneumatic controls. Newer machines use electronic controls and sort materials directly into bins, thus eliminating the use of constantly moving parts, which are subject to wear and tear. Additionally, these machines are at the end of their lifecycle and replacement parts are difficult to obtain. • This project is preceded by the following capital project: • Library Equip Replacement (#0030343) • Funded Budget: \$4,788,000 • Expenditures & Encumbrances: \$4,061,000 • Available Balance as of 12/14/2018 \$ 727,000				
Project's Effect on Annual Operating Budget: None. Annual Impact for Requesting Department: 0 Annual Impact for all other Depts: 0 Total 0								
Environmental Impacts and Initiatives: It is expected that some energy savings will be realized due to more efficient electronic controls in lieu of pneumatics and air compressors.								
Changes from Prior CIP: The 2019-2023 estimate has decreased \$3,867,000 from the 2018-2022 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	1,304,000	2,000,000	2,147,000	2,390,000	1,172,000	-	-	9,013,000
Administrator Proposed	1,304,000	2,000,000	2,147,000	2,390,000	1,172,000	-	-	9,013,000
CBTF Recommended	1,304,000	2,000,000	2,147,000	2,390,000	1,172,000	-	-	9,013,000
Board Approved Final	1,304,000	2,000,000	2,147,000	2,390,000	1,172,000	-	-	9,013,000

Project Name: 1006403 Library Equipment Replacement 2021-2025
Major Program: Operations
Department: Library

Funding Start: 2021
Funding Completion: 2025

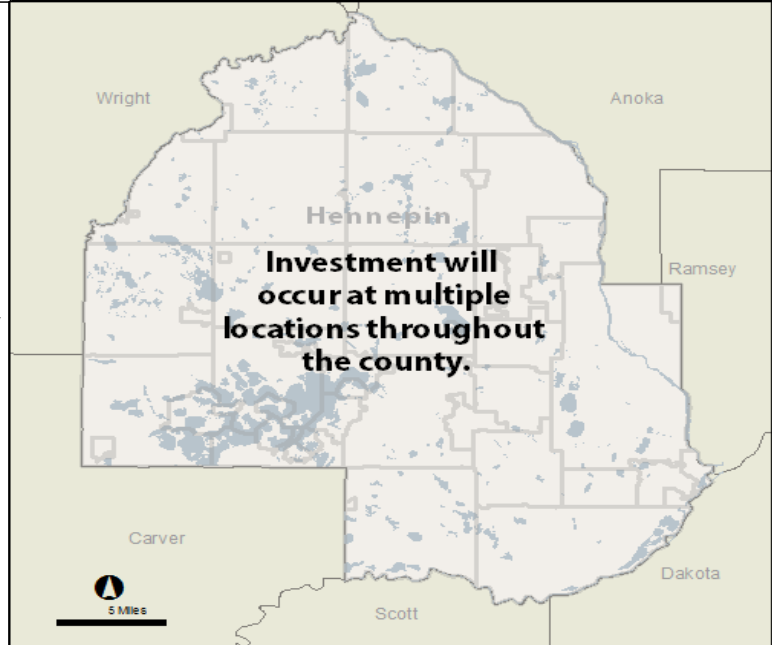
Summary:
This project is to provide for new and replacement automated material handling (AMH) equipment throughout the Hennepin County Library (HCL) system.

Purpose & Description:
The Hennepin County Library system is one of the most heavily used in the United States. This use manifests itself in many ways, two of which are addressed in this project: Use of the facilities and demand for materials.

Utilizing AMH technology provides many benefits for patrons and staff including; reducing ergonomic issues and potential damage to materials; materials are checked-in, returned to the shelf and become available more rapidly; reserved materials are getting to patrons more quickly.

HCL will be implementing new NXT Technology AMH machines at some locations. These machines are installed in library locations with high circulation in order to reduce manual handling and improve productivity.

Large UltraSort AMH equipment operating with pneumatic controls will be replaced with new electronic systems as they reach the end of the equipment lifecycle. Pneumatic controls, which operate at high volume, utilize rotators and spacers, which constantly move to place materials on book trucks. Newer machines use electronic controls and sort materials directly into bins, thus eliminating the use of constantly moving parts, which are subject to wear and tear. Replacement parts for the pneumatic controls are becoming obsolete, and the machines difficult to service.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	-	2,037,000	-	-	-	2,037,000
Total	-	-	-	-	-	2,037,000	-	-	-	2,037,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Consulting	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	1,879,000	-	-	-	1,879,000
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	158,000	-	-	-	158,000
Total	-	-	-	-	-	2,037,000	-	-	-	2,037,000

Project Name: 1006403 Library Equipment Replacement 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	2,037,000	-	-	-	2,037,000
Administrator Proposed	-	-	-	2,037,000	-	-	-	2,037,000
CBTF Recommended	-	-	-	2,037,000	-	-	-	2,037,000
Board Approved Final	-	-	-	2,037,000	-	-	-	2,037,000
Scheduling Milestones (major phases only): 2017-2021: New/replacement systems and repairs 2017-2018: Ridgedale 2018-2019: Eden Prairie 2019-2021: Southdale 2023-2024: Brookdale Scoping: N/A Design: N/A Procurement: N/A Construction: N/A Completion: N/A				Board Resolutions / Supplemental Information: This capital project is preceded by the Library Equipment Replacement 2016-2020 (1002169) project.				
Project's Effect on Annual Operating Budget: None. Annual Impact for Requesting Department: 0 Annual Impact for all other Depts: 0 Total 0								
Environmental Impacts and Initiatives: It is expected that some energy savings will be realized due to more efficient electronic controls in lieu of pneumatics and air compressors.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1006381 Rockford Road Library Asset Protection
Major Program: Operations
Department: Library

Funding Start: 2020
Funding Completion: 2021

Summary:
 This project will implement improvements and repairs to address critical infrastructure and preservation issues at the Rockford Road Library to ensure long-term integrity and functionality of the facility asset.

Purpose & Description:
 The Rockford Road Library, located at 6401 42nd Avenue N in Crystal, MN, is a single story, 18,790 gross square foot building (including a lower level utility room). Constructed in 1970, the building is situated on a 2.39 acre site with a surface lot for 84 vehicles.

The Rockford Road Library has served the community for over 45 years. The library's interior public spaces were remodeled and updated in 2013, providing much needed improvements to library services.

In 2016 a targeted condition assessment of the facility was completed that examined specific issues and conditions of the building and site. The findings identified the following infrastructure components that are deteriorating due to age, moisture intrusion, and heavy use:

- Exterior building wall envelope and window replacement
- Roof repairs
- Site paving and parking lot replacement
- Site storm water drainage modifications
- Exterior lighting replacement

Additionally, the project scope will include improvements necessary to address building code compliance requirements (restrooms and egress walkways), and replace security cameras to meet current HC building standards. Staff area workstations and furniture that is over 20 years old will be replaced to meet current county ergonomic standards.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	775,000	3,950,000	-	-	-	4,725,000
Total	-	-	-	-	775,000	3,950,000	-	-	-	4,725,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3,386,000	-	-	-	3,386,000
Consulting	-	-	-	-	595,000	150,000	-	-	-	745,000
Equipment	-	-	-	-	-	30,000	-	-	-	30,000
Furnishings	-	-	-	-	-	112,000	-	-	-	112,000
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	180,000	272,000	-	-	-	452,000
Total	-	-	-	-	775,000	3,950,000	-	-	-	4,725,000

Project Name: 1006381 Rockford Road Library Asset Protection				Funding Start: 2020				
Major Program: Operations				Funding Completion: 2021				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	750,000	3,750,000	-	-	-	-	4,500,000
Administrator Proposed	-	-	775,000	3,950,000	-	-	-	4,725,000
CBTF Recommended	-	-	775,000	3,950,000	-	-	-	4,725,000
Board Approved Final	-	-	775,000	3,950,000	-	-	-	4,725,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2020				<p>This new capital project will incorporate scope elements that are reallocated from the Library Facility Preservation 2016-2020 project (1002168).</p> <p>In 2013, the interior of the Rockford Road Library was refurbished. This project will primarily focus on the exterior asset protection work, roughly 80% of the project costs. This includes items such as window replacement, paving, and building envelope repair. The other 20% will be spent on interior asset protection items, such as lighting and restroom refurbishments, and some minor furniture upgrades.</p> <p>It is planned that the library will be closed during construction (approximately 6 months).</p>				
Design: 2020								
Procurement: 2021								
Construction: 2021								
Completion: 2021								
Project's Effect on Annual Operating Budget:								
To be determined.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
This is a new project request. This is an order of magnitude estimate based on a high level project scoping effort with a consultant, professional cost estimator and internal project team. Costs most likely will be revised upward upon completion of a more detailed programmatic review and corresponding forensic review of existing facility conditions.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1004468 Westonka Library Replacement
Major Program: Operations
Department: Library

Funding Start: 2019
Funding Completion: 2021

Summary:
 This project will replace the Westonka Library, located at 2079 Commerce Boulevard in Mound, MN. The library, built in 1972, is a 8,600 gross square foot (GSF) single story facility situated on a 1.68 acre site, with surface parking for 48 vehicles.

Purpose & Description:
 Westonka Library is a significant community resource and has been providing valued library services for western Hennepin County patrons for over 45 years. The new building will transform the library experience for patrons with an updated building plan that is flexible, open and designed to meet the needs of the community. A study will be completed to determine the appropriate size and required parking needed - the new library will not be larger than the current library. Proposed library features and services include:

- Collaborative gathering spaces for students and groups of all ages
- An early literacy learning environment
- Expanded and refreshed collections of books, DVDs and CDs, with World Language resources
- Enhanced access to technology, including support for current and future technologies

Recent building assessment studies conclude that facility replacement is the recommended long-term solution rather than refurbishment / renovation in order to correct the facility deficiencies for this 45 year old facility and to make it more efficient and patron friendly.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	-	-	-	200,000	-	-	-	-	-	200,000
Bonds - GO	-	-	-	-	905,000	6,225,000	-	-	-	7,130,000
Total	-	-	-	200,000	905,000	6,225,000	-	-	-	7,330,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	4,718,000	-	-	-	4,718,000
Consulting	-	-	-	200,000	587,000	197,000	-	-	-	984,000
Equipment	-	-	-	-	-	321,000	-	-	-	321,000
Furnishings	-	-	-	-	-	446,000	-	-	-	446,000
Other Costs	-	-	-	-	-	195,000	-	-	-	195,000
Contingency	-	-	-	-	318,000	348,000	-	-	-	666,000
Total	-	-	-	200,000	905,000	6,225,000	-	-	-	7,330,000

Project Name: 1004468 Westonka Library Replacement				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2021				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	1,105,000	6,265,000	-	-	-	7,370,000
Administrator Proposed	-	200,000	905,000	6,225,000	-	-	-	7,330,000
CBTF Recommended	-	200,000	905,000	6,225,000	-	-	-	7,330,000
Board Approved Final	-	200,000	905,000	6,225,000	-	-	-	7,330,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2019				The following list of facility preservation items have supported the recommendation to build new:				
Design: 2020				<u>Facility Preservation:</u> Items that preserve building integrity and maintain long term value as real-estate assets include:				
Procurement: 2021				<ul style="list-style-type: none"> • Major modifications required by current building code; • Repairs and/or replacement of HVAC, plumbing, and electrical systems; • Exterior building shell improvements and/or replacements (wall systems, windows, roof systems); • Exterior site repairs and/or replacements (paving and parking surfaces, grounds and landscape improvements, lighting, storm water management and sewer systems). 				
Construction: 2021-2022				<u>Systems Upgrades:</u> Necessary upgrades / improvements to address deficiencies in IT/data systems, security systems, building automation systems, code compliance, energy code, and environmental and safety requirements				
Completion: 2022				<u>Library Refurbishment:</u> The interior spaces of the library have not been updated since 2008 and no longer efficiently support library services.				
Project's Effect on Annual Operating Budget:				During the pre-design phase, discussions with the City of Mound will occur in order to coordinate library site re-development in alignment with the City's current urban planning goals.				
This project will have a potential decrease of \$6,000 in operational costs due to energy efficiencies.								
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: <u>-6,000</u>								
Total -6,000								
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: The 2019-2023 estimate has increased by \$634,000 over the 2018-2022 estimate due to escalation associated with moving the project schedule out one year as well as added costs for demolition and hazardous materials abatement. Alternately, Resolution 18-0242R1 (6/26/2018): Approved an agreement with Kidzibits, Inc to install and maintain early literacy project exhibits in numerous libraries; however at a reduced total contract amount resulting in a \$40,000 reduction to this project budget in year 2021.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	420,000	6,106,000	-	-	-	-	6,526,000
Administrator Proposed	-	-	420,000	6,506,000	-	-	-	6,926,000
CBTF Recommended	-	-	420,000	6,506,000	-	-	-	6,926,000
Board Approved Final	-	-	420,000	6,316,000	-	-	-	6,736,000

Project Name: 1004476 Sumner Library Refurbishment
Major Program: Operations
Department: Library

Funding Start: 2019
Funding Completion: 2021

Summary:
 This project will selectively remodel and refurbish approximately 10,000 USF of the library (including 1,000 USF of staff space) at Sumner Library, located at 611 Van White Memorial Boulevard in Minneapolis, MN. Additionally facility asset preservation improvements will be made to address infrastructure and building system requirements to preserve building integrity and maintain long term value as a real estate asset.

Purpose & Description:
 Hennepin County Library (HCL) is committed to fulfilling our mission and vision and achieving the outcomes we set through all of our services. A key to meeting that goal is regular updates and maintenance for our buildings.

Hennepin County library is moving toward a more equitable and responsible capital renovation strategy. Based on the new capital project framework, Sumner Library falls within these parameters. In addition to updating furniture and finishes, the following changes are recommended:

- Add study rooms and conference rooms to library level;
- Larger, more flexible teen area;
- Furniture, carpet, and finishes need replacement;
- Space assessment needed as rooms are disjointed with little cohesion, furniture and shelving layout disrupts the flow of movement through space;
- Improve staff work room;
- Restrooms do not meet code.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	90,000	138,000	3,662,000	-	-	-	3,890,000
Total	-	-	-	90,000	138,000	3,662,000	-	-	-	3,890,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1,869,000	-	-	-	1,869,000
Consulting	-	-	-	90,000	138,000	226,000	-	-	-	454,000
Equipment	-	-	-	-	-	379,000	-	-	-	379,000
Furnishings	-	-	-	-	-	704,000	-	-	-	704,000
Other Costs	-	-	-	-	-	121,000	-	-	-	121,000
Contingency	-	-	-	-	-	363,000	-	-	-	363,000
Total	-	-	-	90,000	138,000	3,662,000	-	-	-	3,890,000

Project Name: 1004476 Sumner Library Refurbishment				Funding Start: 2019						
Major Program: Operations				Funding Completion: 2021						
Department: Library										
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total		
Department Requested	-	-	91,000	3,677,000	137,000	-	-	3,905,000		
Administrator Proposed	-	90,000	138,000	3,662,000	-	-	-	3,890,000		
CBTF Recommended	-	90,000	138,000	3,662,000	-	-	-	3,890,000		
Board Approved Final	-	90,000	138,000	3,662,000	-	-	-	3,890,000		
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:						
Scoping: 2019				<p>This project is a reflection of the Library/Facility Services revised focus on the asset as a whole and is an effort to coordinate and combine both facility preservation items along with Library remodeling needs to take advantage of upgrades while the Library is closed.</p> <p>The Sumner Library is an 18,263 gross square foot (GSF) two story facility situated on a 0.6 acre site, with a surface parking lot for 14 vehicles. The Sumner Library has received historic designation from the City of Minneapolis Heritage Preservation Commission and is listed on the National Register of Historic Places.</p> <p>This library, built in 1915, has not seen any major remodeling or refurbishments since 2004. Approximately 10,000 USF of the library (including 1,000 USF of staff space) will undergo selective remodeling and refurbishment to support 21st century library service to patrons by reconfiguring public areas to support new and innovative services and replacement of furniture and carpet as needed. A review of the staff support spaces will be conducted in order to optimize space layouts for efficiency gains in alignment with current operating procedures.</p> <p>Additionally, a facility assessment of the Library facility will be conducted to identify infrastructure and building system improvements needed to preserve building integrity and longevity. These improvements may include: Exterior building shell repairs (roof, masonry walls, windows); Exterior site improvements (paving surfaces, grounds and landscape, lighting, site drainage), Lighting upgrades for energy improvements; flooring replacement, and Technology system upgrades (IT/data). Improvements needed to address code compliance, energy code, and environmental and safety requirements will also be incorporated into the full project scope.</p>						
Design: 2020-2021										
Procurement: 2021										
Construction: 2021-2022										
Completion: 2022										
Project's Effect on Annual Operating Budget:										
None.										
Annual Impact for Requesting Department:				0						
Annual Impact for all other Depts:				0						
Total				0						
Environmental Impacts and Initiatives:										
To be determined.										
Changes from Prior CIP: Resolution 18-0242R1 (6/26/2018): Approved an agreement with Kidzibits, Inc to install and maintain early literacy project exhibits in numerous libraries; however at a reduced total contract amount resulting in a \$15,000 reduction to this project budget in year 2021.										
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total		
Department Requested	-	-	91,000	3,797,000	137,000	-	-	4,025,000		
Administrator Proposed	-	-	91,000	3,797,000	137,000	-	-	4,025,000		
CBTF Recommended	-	-	91,000	3,797,000	137,000	-	-	4,025,000		
Board Approved Final	-	-	91,000	3,677,000	137,000	-	-	3,905,000		

Project Name: 1004469 East Lake Library Refurbishment
Major Program: Operations
Department: Library

Funding Start: 2019
Funding Completion: 2021

Summary:
 This project will selectively remodel and refurbish approximately 14,000 USF of the library (including 2,100 USF of staff space) of the East Lake Library, located at 2727 East Lake Street in Minneapolis, MN. Additionally, asset preservation improvements will be made to address infrastructure and building system requirements to preserve building integrity and maintain long term value as a real-estate asset.

Purpose & Description:
 Hennepin County Library (HCL) is committed to fulfilling our mission and vision and achieving the outcomes we set through all of our services. A key to meeting that goal is regular updates and maintenance for our buildings.

Hennepin County library is moving toward a more equitable and responsive capital renovation strategy. Based on the new capital project framework, East Lake Library falls within these parameters. In addition to updating furniture and finishes, the following changes are recommended

- Cap ceiling of meeting room for acoustics and privacy and to reflect new and broader services
- Add technology to support equitable access to information
- Update Teen and Children's areas to create environments that are welcoming, safe, and secure



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	90,000	282,000	3,535,000	-	-	-	3,907,000
Total	-	-	-	90,000	282,000	3,535,000	-	-	-	3,907,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	2,114,000	-	-	-	2,114,000
Consulting	-	-	-	90,000	208,000	298,000	-	-	-	596,000
Equipment	-	-	-	-	-	232,000	-	-	-	232,000
Furnishings	-	-	-	-	-	502,000	-	-	-	502,000
Other Costs	-	-	-	-	-	111,000	-	-	-	111,000
Contingency	-	-	-	-	74,000	278,000	-	-	-	352,000
Total	-	-	-	90,000	282,000	3,535,000	-	-	-	3,907,000

Project Name: 1004469 East Lake Library Refurbishment				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2021				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	372,000	3,550,000	-	-	-	3,922,000
Administrator Proposed	-	90,000	282,000	3,535,000	-	-	-	3,907,000
CBTF Recommended	-	90,000	282,000	3,535,000	-	-	-	3,907,000
Board Approved Final	-	90,000	282,000	3,535,000	-	-	-	3,907,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2019				<p>This project is a reflection of the Library/Facility Services revised focus on the asset as a whole and is an effort to coordinate and combine both facility preservation items along with Library remodeling needs to take advantage of upgrades while the Library is closed.</p> <p>The East Lake Library is an 18,058 gross square foot (GSF) single story facility situated on a one acre site, with a surface parking lot for 25 vehicles. This library, built in 1976, has not seen any major remodeling or refurbishments since 2007.</p> <p>Approximately 14,000 USF of the library (including 2,100 USF of staff space) will undergo selective remodeling and refurbishment to support 21st century library service to patrons by reconfiguring public areas to support new and innovative services and replacement of furniture and carpet as needed. A review of the staff support spaces will be conducted in order to optimize space layouts for efficiency gains in alignment with current operating procedures.</p> <p>Additionally, a facility assessment of the Library facility will be conducted to identify infrastructure and building system improvements needed to preserve building integrity and longevity. These improvements may include: Lighting upgrades for energy improvements; Exterior building shell repairs; and Technology system upgrades (IT/data and security systems). Improvements needed to address code compliance, energy code, and environmental and safety requirements will also be incorporated into the full project scope.</p>				
Design: 2020								
Procurement: 2021								
Construction: 2021								
Completion: 2022								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Resolution 18-0242R1 (6/26/2018): Approved an agreement with Kidzibits, Inc to install and maintain early literacy project exhibits in numerous libraries; however at a reduced total contract amount resulting in a \$15,000 reduction to this project budget in year 2021.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	218,000	290,000	3,295,000	-	-	-	3,803,000
Administrator Proposed	-	-	218,000	290,000	3,524,000	-	-	4,032,000
CBTF Recommended	-	-	218,000	290,000	3,524,000	-	-	4,032,000
Board Approved Final	-	-	218,000	290,000	3,414,000	-	-	3,922,000

Project Name: 1004464 Linden Hills Library Refurbishment
Major Program: Operations
Department: Library

Funding Start: 2020
Funding Completion: 2022

Summary:
 This project will remodel and refurbish approximately 5,700 USF of the library (including 749 USF of staff space) of the Linden Hills Library, located at 2900 W. 43rd Street in Minneapolis, MN. Additionally, facility asset preservation improvements will also be made to address infrastructure and building system requirements to preserve building integrity and maintain long term value as a real-estate asset.

Purpose & Description:
 Hennepin County Library (HCL) is committed to fulfilling our mission and vision and achieving the outcomes we set through all of our services. A key to meeting that goal is regular updates and maintenance for our buildings.
 Hennepin County library is moving toward a more equitable and responsible capital renovation strategy. Based on the new capital project framework, Linden Hills Library falls within these parameters. In addition to updating furniture and finishes, the following changes are recommended:



- Light update to public spaces to improve efficiencies
- Preserve historic features whenever possible
- Improve staff areas

REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	90,000	340,000	1,785,000	-	-	2,215,000
Total	-	-	-	-	90,000	340,000	1,785,000	-	-	2,215,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	959,000	-	-	959,000
Consulting	-	-	-	-	90,000	268,000	89,000	-	-	447,000
Equipment	-	-	-	-	-	-	156,000	-	-	156,000
Furnishings	-	-	-	-	-	-	352,000	-	-	352,000
Other Costs	-	-	-	-	-	-	118,000	-	-	118,000
Contingency	-	-	-	-	-	72,000	111,000	-	-	183,000
Total	-	-	-	-	90,000	340,000	1,785,000	-	-	2,215,000

Project Name: 1004464 Linden Hills Library Refurbishment				Funding Start: 2020				
Major Program: Operations				Funding Completion: 2022				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	340,000	1,875,000	-	-	2,215,000
Administrator Proposed	-	-	90,000	340,000	1,785,000	-	-	2,215,000
CBTF Recommended	-	-	90,000	340,000	1,785,000	-	-	2,215,000
Board Approved Final	-	-	90,000	340,000	1,785,000	-	-	2,215,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2020				<p>This project is a reflection of the Library/Facility Services revised focus on the asset as a whole and is an effort to coordinate and combine both facility preservation items along with Library remodeling needs to take advantage of upgrades while the Library is closed.</p> <p>The Linden Hills Library is an 8,290 gross square foot (GSF) two story facility situated on a 0.31 acre site. There is no on-site parking at this site. The Linden Hills Library has received historic designation from the City of Minneapolis Heritage Preservation Commission and is listed on the National Register of Historic Places.</p> <p>Approximately 5,700 USF of the library (including 749 USF of staff space) will undergo selective remodeling and refurbishment to lightly update the current library space and make it more efficient and patron friendly. A review of the staff support spaces will be conducted in order to optimize space layouts for efficiency gains in alignment with current operating procedures.</p> <p>A facility assessment of the Library facility will be conducted to identify infrastructure and building system improvements needed to preserve building integrity and longevity. These improvements may include: Exterior building shell repairs (roof, masonry wall, windows); Exterior site improvements (paving surfaces, grounds and landscape, lighting, site drainage), Flooring replacement, Technology system upgrades (IT/data). Improvements needed to address code compliance, energy code, and environmental and safety requirements will also be incorporated into the full project scope.</p>				
Design: 2021-2022								
Procurement: 2022								
Construction: 2022								
Completion: 2023								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: The 2019-2023 estimate has increased by \$111,000 over the 2018-2022 estimate due to pushing the project schedule out one and a half years which has caused increased escalation costs.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	125,000	440,000	1,601,000	-	-	2,166,000
Administrator Proposed	-	-	125,000	440,000	1,601,000	-	-	2,166,000
CBTF Recommended	-	-	125,000	440,000	1,601,000	-	-	2,166,000
Board Approved Final	-	-	125,000	440,000	1,539,000	-	-	2,104,000

Project Name: 1006387 Augsberg Park Library Asset Protection
Major Program: Operations
Department: Library

Funding Start: 2022
Funding Completion: 2023

Summary:
 This project will implement improvements and repairs to address critical infrastructure and preservation issues at the Augsberg Park Library to ensure long-term integrity and functionality of the facility asset.

Purpose & Description:
 The Augsberg Park Library, located at 7100 Nicollet Avenue S in Richfield, MN, is a single story, 15,040 gross square foot building (including a small lower level utility room). Constructed in 1975, the building is situated on a 4 acre site with a surface lot for 83 vehicles.

The Augsberg Park Library has served the community for over 40 years. The library's interior public spaces were remodeled and updated in 2013, providing much needed improvements to library services.

A recent assessment has identified the following exterior infrastructure components that are deteriorating due to age and/or moisture intrusion:

- Exterior masonry wall repairs and window replacement
- Parking lot replacement/reconstruction
- Site storm water drainage modifications
- Exterior pavement replacement
- Exterior lighting replacement
- Exterior egress walkway improvements to meet building code
- Landscape improvements, including tree replacement

This project will make necessary repairs and upgrades to address these infrastructure and preservation needs.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	-	-	350,000	1,600,000	-	1,950,000
Total	-	-	-	-	-	-	350,000	1,600,000	-	1,950,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	1,289,000	-	1,289,000
Consulting	-	-	-	-	-	-	312,000	134,000	-	446,000
Equipment	-	-	-	-	-	-	-	41,000	-	41,000
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	38,000	136,000	-	174,000
Total	-	-	-	-	-	-	350,000	1,600,000	-	1,950,000

Project Name: 1006387 Augsburg Park Library Asset Protection				Funding Start: 2022				
Major Program: Operations				Funding Completion: 2023				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	-	350,000	1,600,000	-	1,950,000
Administrator Proposed	-	-	-	-	350,000	1,600,000	-	1,950,000
CBTF Recommended	-	-	-	-	350,000	1,600,000	-	1,950,000
Board Approved Final	-	-	-	-	350,000	1,600,000	-	1,950,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2022				<p>This new capital project will incorporate scope elements that are currently included in the Library Facility Preservation 2016-2020 project (1002168).</p> <p>It is planned that the library will be closed during construction (approximately 4-5 months).</p>				
Design: 2022								
Procurement: 2023								
Construction: 2023								
Completion: 2023								
Project's Effect on Annual Operating Budget:								
To be determined.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
This is a new project request. This is an order of magnitude estimate based on a high level project scoping effort with a consultant, professional cost estimator and internal project team. Costs most likely will be revised upward upon completion of a more detailed programmatic review and corresponding forensic review of existing facility conditions.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1001788 Brookdale Library Refurbishment
Major Program: Operations
Department: Library

Funding Start: 2017
Funding Completion: Beyond 2023

Summary:
 This project will selectively remodel and refurbish approximately 57,000 USF of the Brookdale Library (including 13,000 USF of staff space), located at 6125 Shingle Creek Parkway in Brooklyn Center, MN. Additionally, facility asset preservation improvements will be made to address infrastructure and building system requirements to preserve building integrity and maintain long term value as a real-estate asset.

Purpose & Description:
 Hennepin County Library (HCL) is committed to fulfilling our mission and vision and achieving the outcomes we set through all of our services. A key to meeting that goal is regular updates and maintenance for our buildings.

The Brookdale Library currently needs to have the following updated to support our four evaluation criteria outlined in our framework for capital projects:

- Conduct space assessment to evaluate how space is used and make changes to support patrons;
- Improve entry to make it more inviting and intuitive. Reduce number of service desks;
- Replace high shelving to improve sightlines;
- Update children's area and remove larger elements;
- Replace AMH;
- Evaluate staff space for efficiencies. Implement collaborative work spaces.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	115,000	-	115,000	-	-	-	-	570,000	12,742,000	13,427,000
Total	115,000	-	115,000	-	-	-	-	570,000	12,742,000	13,427,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	6,561,000	6,561,000
Consulting	80,000	-	80,000	-	-	-	-	570,000	854,000	1,504,000
Equipment	-	-	-	-	-	-	-	-	850,000	850,000
Furnishings	-	-	-	-	-	-	-	-	2,762,000	2,762,000
Other Costs	-	-	-	-	-	-	-	-	622,000	622,000
Contingency	35,000	-	35,000	-	-	-	-	-	1,093,000	1,128,000
Total	115,000	-	115,000	-	-	-	-	570,000	12,742,000	13,427,000

Project Name: 1001788 Brookdale Library Refurbishment				Funding Start: 2017				
Major Program: Operations				Funding Completion: Beyond 2023				
Department: Library								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	115,000	-	-	-	-	570,000	12,742,000	13,427,000
Administrator Proposed	115,000	-	-	-	-	570,000	12,742,000	13,427,000
CBTF Recommended	115,000	-	-	-	-	570,000	12,742,000	13,427,000
Board Approved Final	115,000	-	-	-	-	570,000	12,742,000	13,427,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2022				<p>This project is a reflection of the Library/Facility Services revised focus on the asset as a whole and is an effort to coordinate and combine both facility preservation items along with Library remodeling needs to take advantage of upgrades while the Library is closed.</p> <p>The Brookdale Regional Center is a 130,000 gross square foot (GSF) single story facility situated on a 10 acre site with a surface lot for 508 vehicles. It is comprised of the Library, with 57,000 USF as well as three other major public service components that include Taxpayer Services Service Center, Health & Human Services Satellite and District Court.</p> <p>This Library was renovated and expanded in 2004, as part of the larger Brookdale Regional Center Remodeling project. The Library has not seen any major remodeling or refurbishments since that time. Approximately 57,000 USF of the library (including 13,000 USF of staff space) will undergo selective remodeling and refurbishment to update the current library space and make it more efficient and patron friendly.</p> <p>A facility assessment of the Library will be conducted to identify infrastructure and building system improvements needed to preserve building integrity and longevity. These improvements may include: repairs and updates to HVAC, and electrical systems; Lighting upgrades for energy improvements; Exterior building shell repairs; Exterior site improvements (paving surfaces, grounds and landscape, lighting, site drainage), and Technology system upgrades (IT/data and security systems). Improvements needed to address code compliance, energy code, and environmental and safety requirements will also be incorporated into the full project scope.</p> <p>Additionally, the Automatic Materials Handling machine (AMH) operates on pneumatic controls and through the use of mechanical rotators and placers which put materials on book carts. The equipment is old and replacement parts are no longer available. The AMH system will be replaced with newer technology which uses electronic controls and sorts into bins, requiring less maintenance. Funding for the new AMH machine is included in the Equipment Replacement Project (1002169).</p>				
Design: TBD								
Procurement: TBD								
Construction: TBD								
Completion: TBD								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
The Library has adopted a new approach for facility refreshes, this new framework looks at the usage levels of each library, with more heavily utilized libraries being refurbished sooner than others. Due to this new approach the 2019-2023 estimate for the Brookdale Library Refurbishment project has increased by \$1,541,000 over the 2018-2022 estimate due to escalation as the project schedule has been shifted out 4 years.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	115,000	-	194,000	1,218,000	10,747,000	98,000	-	12,372,000
Administrator Proposed	115,000	-	194,000	1,218,000	10,747,000	98,000	-	12,372,000
CBTF Recommended	115,000	-	194,000	1,218,000	10,747,000	98,000	-	12,372,000
Board Approved Final	115,000	-	194,000	1,218,000	10,377,000	98,000	-	12,002,000

Project Name: 1002166 IT Community Connectivity 2016-2020
Major Program: Operations
Department: Information Technology

Funding Start: 2016
Funding Completion: 2020

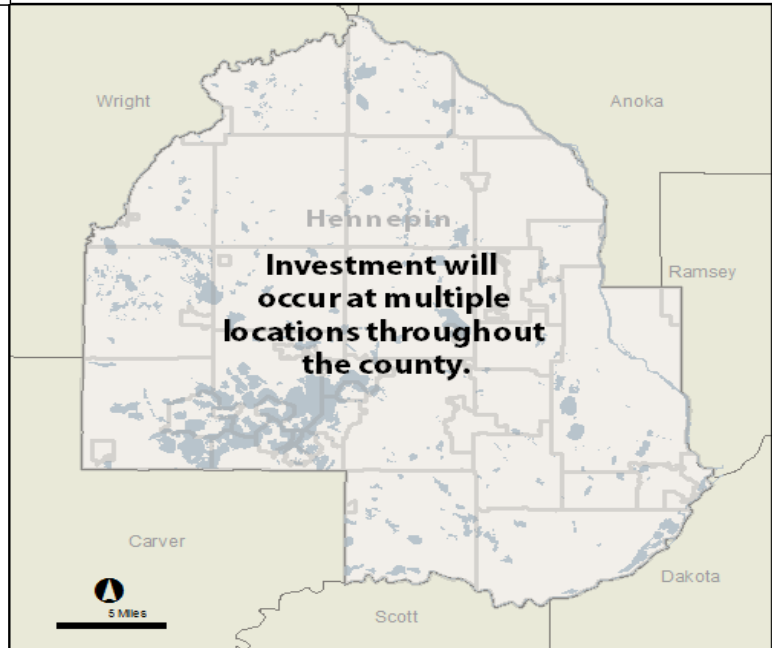
Summary:
 The primary focus of this project is to establish secure, reliable, and redundant high-speed broadband connections to County facilities.

Purpose & Description:
 The project aims to meet the growing need for high-speed broadband that supports the County's lines of business, reduce IT's operating costs for network connections among and between County facilities, and prevent outages by providing high-quality redundant connections. The project also works with the Public Works line of business to leverage existing fiber infrastructure for traffic management programs, and to share fiber planning, funding and maintenance services.

Partnering with other public agencies to share costs and capabilities, this project will provide primary and redundant fiber connectivity to as many County sites as possible. This project is the backbone that will provide the foundation for future expansion of the County's fiber infrastructure.

Community Connectivity is partnering with the State of MN, the Metropolitan Council, cities and school districts within Hennepin County, and other counties in the state to share fiber assets and provide mutual benefits. This project supports critical public-service program needs such as 911 dispatch, libraries, HSPHD regionalization and data redundancy.

Between 2012 and 2017, more than 150 miles of fiber optic infrastructure were installed under this program, including connections to more than 50 county facilities.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	3,520,000	997,684	2,522,316	1,500,000	1,500,000	-	-	-	-	6,520,000
Total	3,520,000	997,684	2,522,316	1,500,000	1,500,000	-	-	-	-	6,520,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	545,000	1,136,907	(591,907)	231,000	225,000	-	-	-	-	1,001,000
Consulting	-	-	-	-	-	-	-	-	-	-
Equipment	2,975,000	-	2,975,000	1,269,000	1,275,000	-	-	-	-	5,519,000
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	915	(915)	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-
Total	3,520,000	1,137,823	2,382,177	1,500,000	1,500,000	-	-	-	-	6,520,000

Project Name: 1002166 IT Community Connectivity 2016-2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Information Technology								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	3,520,000	1,500,000	1,500,000	-	-	-	-	6,520,000
Administrator Proposed	3,520,000	1,500,000	1,500,000	-	-	-	-	6,520,000
CBTF Recommended	3,520,000	1,500,000	1,500,000	-	-	-	-	6,520,000
Board Approved Final	3,520,000	1,500,000	1,500,000	-	-	-	-	6,520,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>Planned connections and cost estimates for 2018 include (\$1,715,000): 1)North Minneapolis (\$500,000); 2)Bloomington (\$200,000); 3)7th Street, Minneapolis (\$120,000); 4)Glenwood Ave (\$200,000); 5)Southwest Light Rail (\$400,000); 6)Energy Center/511 (\$45,000); 7)Other Ordinance 22 permits/small projects/consulting (\$250,000)</p> <p>Planned connections and cost estimates for 2019 include (\$1,900,000): 1)NE Minneapolis (\$250,000); 2)Glenwood Ave, Minneapolis (\$250,000); 3)Bloomington (\$250,000); 4)Minnetonka Medical Examiner's Office (\$200,000); 5)Southwest Light Rail (\$800,000); 6)Ordinance 22 permits/small projects/consulting (\$150,000).</p> <ul style="list-style-type: none"> • This project will replace the following capital project: • IT Community Connectivity (#1000325) • Funded Budget: \$5,254,700 • Expenditures & Encumbrances: \$5,212,700 • Balance as of 12/18/2018: \$ 42,000 <p>Community Connectivity is also planning to install high capacity fiber optics in the Southwest Light Rail corridor and the Bottineau Light Rail corridor. Preliminary estimates say the cost of this project will be approximately \$2.25 million. Expenditures are expected to occur between 2018 and 2021. Starting in 2019 Community Connectivity projects will focus on making connections to replaced leased dark fiber, last mile connections from the Southwest and Bottineau light rails to county facilities, and last mile connections from fiber installed as part of the ATMS project to county facilities.</p> <p>This project involves a partnership between IT Community Connectivity (CC) Project #1002166 and the Advanced Traffic Management System (ATMS) Project #2164400. The focus of CC is to create high-speed redundant broadband connections to county facilities. The focus of ATMS is to provide strategic updates to the county's traffic signal communications infrastructure. It is common practice for CC to prioritize county roads as the path for fiber between buildings and fiber strands are reserved for ATMS on these routes, but there are many county road corridors with county traffic signals that would not serve as an efficient path between facilities. While the two projects have separate goals, the fiber optic components are being closely coordinated and constructed as a unified fiber network. Managers from both projects meet regularly, and have developed a five year plan identifying which project will install fiber along various county roads each year. It should also be noted that, regardless of the funding stream, all fiber that is installed will have the capacity to support multiple uses across all lines of business.</p>				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Impacts cannot be quantified, but higher bandwidth will be provided and there will be higher uptime on owned fiber lines compared to leased lines.								
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: The 2019-2023 estimate has decreased \$3,000,000 from the 2018-2022 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	2,140,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	-	9,640,000
Administrator Proposed	2,140,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	-	9,640,000
CBTF Recommended	2,140,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	-	9,640,000
Board Approved Final	2,140,000	1,380,000	1,500,000	1,500,000	1,500,000	1,500,000	-	9,520,000

Project Name: 1006393 IT Community Connectivity 2021-2025
Major Program: Operations
Department: Information Technology

Funding Start: 2021
Funding Completion: 2025

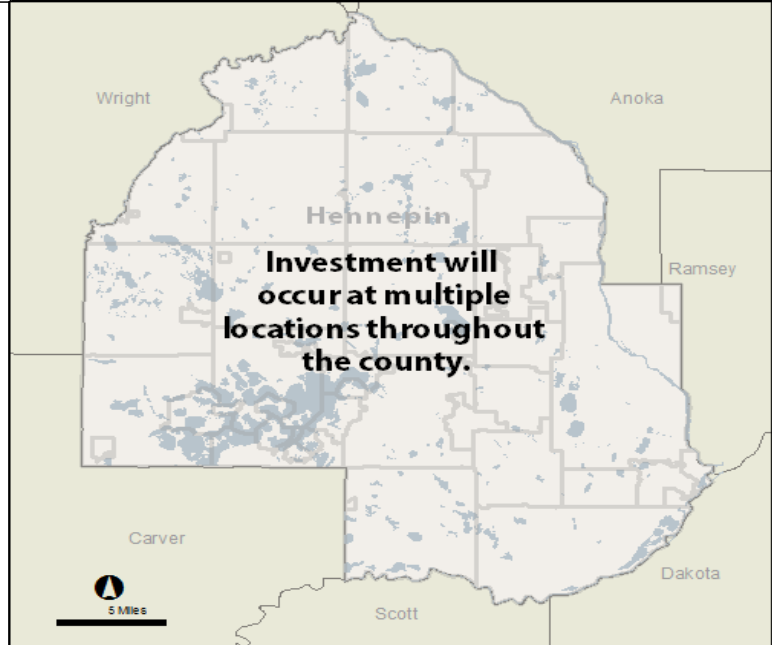
Summary:
The primary focus of this project is to establish secure, reliable, and redundant high-speed broadband connections to County facilities.

Purpose & Description:
The project aims to meet the growing need for high-speed broadband that supports the County's lines of business, reduce IT's operating costs for network connections among and between County facilities, and prevent outages by providing high-quality redundant connections. The project also works with the Public Works line of business to leverage existing fiber infrastructure for traffic management programs, and to share fiber planning, funding and maintenance services.

Partnering with other public agencies to share costs and capabilities, this project will provide primary and redundant fiber connectivity to as many County sites as possible. This project is the backbone that will provide the foundation for future expansion of the County's fiber infrastructure.

Community Connectivity is partnering with the State of MN, the Metropolitan Council, cities and school districts within Hennepin County, and other counties in the state to share fiber assets and provide mutual benefits. This project supports critical public-service program needs such as 911 dispatch, libraries, HSPHD regionalization and data redundancy.

Between 2012 and 2017, more than 150 miles of fiber optic infrastructure were installed under this program, including connections to more than 50 county facilities.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	-	1,500,000	1,500,000	1,500,000	-	4,500,000
Total	-	-	-	-	-	1,500,000	1,500,000	1,500,000	-	4,500,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	225,000	225,000	225,000	-	675,000
Consulting	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	1,275,000	1,275,000	1,275,000	-	3,825,000
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	1,500,000	1,500,000	1,500,000	-	4,500,000

Project Name: 1006393 IT Community Connectivity 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Information Technology								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	1,500,000	1,500,000	1,500,000	-	4,500,000
Administrator Proposed	-	-	-	1,500,000	1,500,000	1,500,000	-	4,500,000
CBTF Recommended	-	-	-	1,500,000	1,500,000	1,500,000	-	4,500,000
Board Approved Final	-	-	-	1,500,000	1,500,000	1,500,000	-	4,500,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				This capital project is preceded by the IT Community Connectivity 2016-2020 (1002166) project.				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Impacts cannot be quantified, but higher bandwidth will be provided and there will be higher uptime on owned fiber lines compared to leased lines.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1002153 Environmental Health & Safety 2016 - 2020
Major Program: Operations
Department: Facility Services

Funding Start: 2016
Funding Completion: 2020

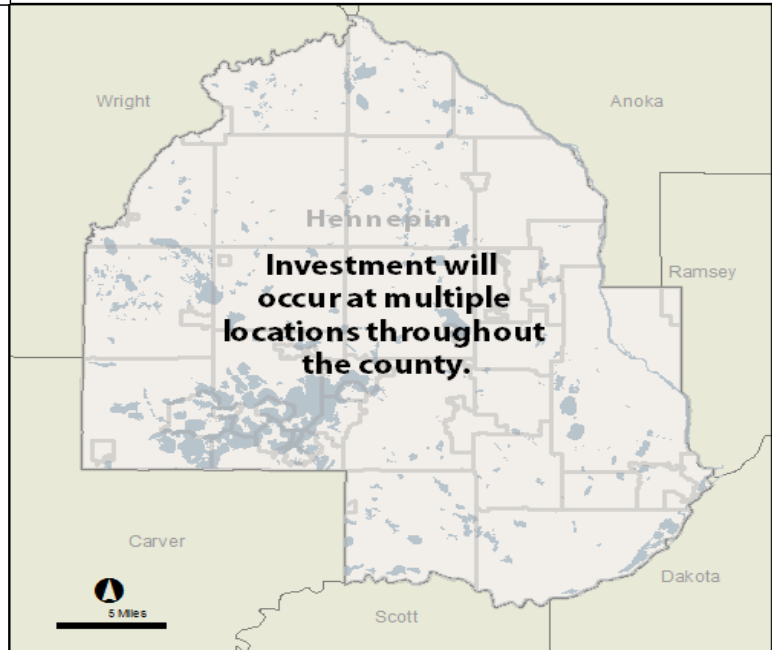
Summary:
 This project addresses environmental remediation and safety compliance issues involving county facilities. Projects will address such diverse concerns as storm water management, radon, lead paint abatement, indoor air quality, fluorescent lamp recycling, asbestos remediation, hazardous waste disposal and other emerging environmental concerns.

Purpose & Description:
 Hennepin County has staff at over 80 owned facilities and more than 40 leased facilities to deliver its services and programs. Those facilities must remain in a safe, healthful condition, in accordance with current laws, regulations and standards to protect county staff and the public and demonstrate good environmental stewardship to the greater community.

Primary regulatory agencies of the county are the US Environmental Protection Agency, Minnesota Department of Labor and Industry (Occupational Safety and Health Administration - OSHA), Minnesota Department of Health and the Minnesota Pollution Control Agency (MPCA).

Regulatory requirements for pre-renovation and demolition building material surveys are in force. The MPCA has passed rules requiring an inventory of all hazardous materials prior to any renovation or demolition work taking place

This project is a cost-conscious, and responsive approach for the county to comply with the wide variety of mandates issued by regulatory agencies and non-regulatory best practices. Completion of this work will also result in reductions in both county liability and potential risks to employee health and the environment.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	750,000	750,000	-	450,000	450,000	-	-	-	-	1,650,000
Bonds - GO	300,000	19,787	280,213	-	-	-	-	-	-	300,000
Total	1,050,000	769,787	280,213	450,000	450,000	-	-	-	-	1,950,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	210,000	443,662	(233,662)	250,000	250,000	-	-	-	-	710,000
Consulting	60,000	464,351	(404,351)	140,000	140,000	-	-	-	-	340,000
Equipment	15,000	3,599	11,401	-	-	-	-	-	-	15,000
Furnishings	-	663	(663)	-	-	-	-	-	-	-
Other Costs	15,000	87,269	(72,269)	-	-	-	-	-	-	15,000
Contingency	750,000	-	750,000	60,000	60,000	-	-	-	-	870,000
Total	1,050,000	999,544	50,456	450,000	450,000	-	-	-	-	1,950,000

Project Name: 1002153 Environmental Health & Safety 2016 - 2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	1,050,000	600,000	600,000	-	-	-	-	2,250,000
Administrator Proposed	1,050,000	450,000	450,000	-	-	-	-	1,950,000
CBTF Recommended	1,050,000	450,000	450,000	-	-	-	-	1,950,000
Board Approved Final	1,050,000	450,000	450,000	-	-	-	-	1,950,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				Planned work for 2019:				
Design: N/A				<ul style="list-style-type: none"> ● Asbestos \$180,000 ● Mold \$60,000 ● Safety Equipment/Services (including ergonomics) \$100,000 ● Training and E-Learning Development \$65,000 ● Compliance software \$100,000 ● Lead & Hazardous Materials \$20,000 ● Underground storage tank management \$25,000 ● Environmental (including stormwater management) \$10,000 ● Industrial Hygiene Equipment \$15,000 ● Indoor Air Quality \$20,000 ● 2019 TOTAL: \$595,000 				
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Potential reductions in: county liability, risks to employee health, health costs attributable to problems in the workplace environment, and state and federal fines. However, such reductions are difficult to estimate.								
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
Impacts are significant as we ensure that the county acts as environmental stewards and seeks to manage wastes responsibly. When issues are identified, we respond with resources to protect the environment, employees and clients we serve. Additionally, this project allows us to avoid costly fines and penalties from regulatory agencies and manage environmental risks for the county's building footprint.				<p>NOTE: Staff support keeping an available funding balance of \$350,000 to cover unanticipated asbestos, mold, lead remediation and other environmental issues.</p> <p>Also included in the project scope is the purchase or rental of testing and monitoring equipment, as needed and long term investment in the initial purchase/development of and recurring expenses for compliance software. Additionally, this project will handle safety projects that address regulatory compliance or reduce the risk and liability of worker injury or illness. In order to meet these requirements, a safety professional or industrial hygienist will need to provide a study with recommendations. This study may be developed internally or externally.</p> <p>Furthermore, this project will address underground and above ground storage tank compliance, including testing, repair and/or removal/replacement. Work will be done in compliance with MPCA regulations.</p>				
Changes from Prior CIP: The 2019-2023 estimate has decreased by \$500,000 from the 2018-2022 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	700,000	350,000	350,000	350,000	350,000	350,000	-	2,450,000
Administrator Proposed	700,000	350,000	350,000	350,000	350,000	350,000	-	2,450,000
CBTF Recommended	700,000	350,000	350,000	350,000	350,000	350,000	-	2,450,000
Board Approved Final	700,000	350,000	350,000	350,000	350,000	350,000	-	2,450,000

Project Name: 1006395 Environmental Health & Safety 2021 - 2025
Major Program: Operations
Department: Facility Services

Funding Start: 2021
Funding Completion: 2025

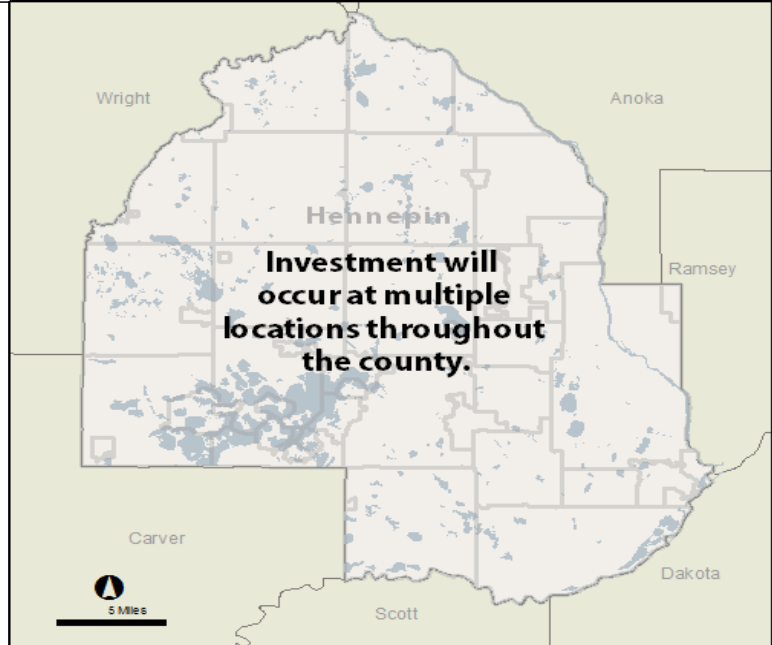
Summary:
 This project addresses environmental remediation and safety compliance issues involving county facilities. Projects will address such diverse concerns as storm water management, radon, lead paint abatement, indoor air quality, fluorescent lamp recycling, asbestos remediation, hazardous waste disposal and other emerging environmental concerns.

Purpose & Description:
 Hennepin County has staff at over 80 owned facilities and more than 40 leased facilities to deliver its services and programs. Those facilities must remain in a safe, healthful condition, in accordance with current laws, regulations and standards to protect county staff and the public and demonstrate good environmental stewardship to the greater community.

Primary regulatory agencies of the county are the US Environmental Protection Agency, Minnesota Department of Labor and Industry (Occupational Safety and Health Administration - OSHA), Minnesota Department of Health and the Minnesota Pollution Control Agency (MPCA).

Regulatory requirements for pre-renovation and demolition building material surveys are in force. The MPCA has passed rules requiring an inventory of all hazardous materials prior to any renovation or demolition work taking place.

This project is a cost-conscious, and responsive approach for the county to comply with the wide variety of mandates issued by regulatory agencies and non-regulatory best practices. Completion of this work will also result in reductions in both county liability and potential risks to employee health and the environment.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	-	-	-	-	-	500,000	500,000	500,000	-	1,500,000
Total	-	-	-	-	-	500,000	500,000	500,000	-	1,500,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	200,000	200,000	200,000	-	600,000
Consulting	-	-	-	-	-	240,000	240,000	240,000	-	720,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	60,000	60,000	60,000	-	180,000
Total	-	-	-	-	-	500,000	500,000	500,000	-	1,500,000

Project Name: 1006395 Environmental Health & Safety 2021 - 2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	600,000	600,000	600,000	-	1,800,000
Administrator Proposed	-	-	-	500,000	500,000	500,000	-	1,500,000
CBTF Recommended	-	-	-	500,000	500,000	500,000	-	1,500,000
Board Approved Final	-	-	-	500,000	500,000	500,000	-	1,500,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>This capital project is preceded by the Environmental Health & Safety 2016-2020 (1002153) project.</p> <p>Planned work for 2019:</p> <ul style="list-style-type: none"> ● Asbestos \$180,000 ● Mold \$60,000 ● Safety Equipment/Services (including ergonomics) \$100,000 ● Training and E-Learning Development \$65,000 ● Compliance software \$100,000 ● Lead & Hazardous Materials \$20,000 ● Underground storage tank management \$25,000 ● Environmental (including stormwater management) \$10,000 ● Industrial Hygiene Equipment \$15,000 ● Indoor Air Quality \$20,000 ● 2019 TOTAL: \$595,000 <p>NOTE: Staff support keeping an available funding balance of \$350,000 to cover unanticipated asbestos, mold, lead remediation and other environmental issues.</p> <p>Also included in the project scope is the purchase or rental of testing and monitoring equipment, as needed and long term investment in the initial purchase/development of and recurring expenses for compliance software. Additionally, this project will handle safety projects that address regulatory compliance or reduce the risk and liability of worker injury or illness. In order to meet these requirements, a safety professional or industrial hygienist will need to provide a study with recommendations. This study may be developed internally or externally.</p> <p>Furthermore, this project will address underground and above ground storage tank compliance, including testing, repair and/or removal/replacement. Work will be done in compliance with MPCA regulations.</p>				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Potential reductions in: county liability, risks to employee health, health costs attributable to problems in the workplace environment, and state and federal fines. However, such reductions are difficult to estimate.								
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
Impacts are significant as we ensure that the county acts as environmental stewards and seeks to manage wastes responsibly. When issues are identified, we respond with resources to protect the environment, employees and clients we serve. Additionally, this project allows us to avoid costly fines and penalties from regulatory agencies and manage environmental risks for the county's building footprint.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1005192 HCGC Elevator & Escalator Modernization
Major Program: Operations
Department: Facility Services

Funding Start: 2018
Funding Completion: 2022

Summary:
 This project will upgrade and modernize the elevators and escalators at the Hennepin County Government Center (HCGC), located at 600 S 6th Street in Minneapolis, Minnesota.

Purpose & Description:
 Hennepin County commissioned Lerch Bates Inc. in November 2016 to conduct a Modernization Survey of the vertical transportation equipment system. This survey included 20 elevators and 6 escalators. Recommendations from the survey calls for the overall modernization of the elevators and the escalators in the Government Center due to their age and the level of service that they provide.

The recommendations are as follows:

- **Elevators:** These elevators were originally manufactured and installed by Houghton Elevator in 1973-1975. The major part of the proposal is replacement of the original elevator DC drives which are considered obsolete in the industry. Replace with AC gearless traction machines paired with fully regenerative motor drives. This is more efficient and will put power back into the building electrical system reducing energy costs. General upgrade and modernization of the electrical panels. Upgrading mechanical components to meet current codes. Creating traffic optimization which will reduce wait times and make the elevators work more efficiently. The interior of the cabs will be updated to meet current code.
- **Escalators:** These escalators were installed in 1973. Except for regular maintenance and updating of few parts all major components, including motors, gearboxes, bull gears, steps, step chains, tracks and handrail drives were not replaced. All these major components are obsolete and are in need complete replacement to provide reliable service for the building. It is proposed to replace or a complete rebuild of the 6 escalators. Existing access conditions make direct replacement the best option to minimize cost and downtime. These escalators provide the main means of vertical transportation for the public between the basement/tunnel, ground level, and skyway level at the Government Center.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	3,702,000	162	3,701,838	3,998,000	2,000,000	1,950,000	1,950,000	-	-	13,600,000
Total	3,702,000	162	3,701,838	3,998,000	2,000,000	1,950,000	1,950,000	-	-	13,600,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	3,011,000	-	3,011,000	3,136,000	2,000,000	1,950,000	1,950,000	-	-	12,047,000
Consulting	403,000	3,600	399,400	-	-	-	-	-	-	403,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	162	(162)	-	-	-	-	-	-	-
Contingency	288,000	-	288,000	862,000	-	-	-	-	-	1,150,000
Total	3,702,000	3,762	3,698,238	3,998,000	2,000,000	1,950,000	1,950,000	-	-	13,600,000

Project Name: 1005192 HCGC Elevator & Escalator Modernization				Funding Start: 2018				
Major Program: Operations				Funding Completion: 2022				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	3,702,000	3,998,000	2,000,000	1,950,000	1,950,000	-	-	13,600,000
Administrator Proposed	3,702,000	3,998,000	2,000,000	1,950,000	1,950,000	-	-	13,600,000
CBTF Recommended	3,702,000	3,998,000	2,000,000	1,950,000	1,950,000	-	-	13,600,000
Board Approved Final	3,702,000	3,998,000	2,000,000	1,950,000	1,950,000	-	-	13,600,000
Scheduling Milestones (major phases only): Once construction begins in February 2019, one elevator will be taken out of service at each tower until all elevators have been modernized. It will take approximately 12 to 16 weeks to complete one elevator. Initially, taking one elevator out of service will be noticeable. However, as the project continues there will be an improvement in service as the modernized elevators will have more advanced programming which will increase efficiency. Scoping: Mar 2018 Design: Jun 2018 Procurement: Sep 2018 Construction: Feb 2019 Completion: Dec 2021				Board Resolutions / Supplemental Information: In 2017, a staff consultant selection group selected Miller Dunwiddie Architecture with Van Deusen & Associates to consult on this project.				
Project's Effect on Annual Operating Budget: To be determined. Annual Impact for Requesting Department: 0 Annual Impact for all other Depts: 0 Total 0								
Environmental Impacts and Initiatives: To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	3,702,000	3,299,000	3,299,000	3,299,000	-	-	13,599,000
Administrator Proposed	-	3,702,000	3,299,000	3,299,000	3,299,000	-	-	13,599,000
CBTF Recommended	-	3,702,000	3,299,000	3,299,000	3,299,000	-	-	13,599,000
Board Approved Final	-	3,702,000	3,299,000	3,299,000	3,299,000	-	-	13,599,000

Project Name: 1000874 Government Center Rehabilitation
Major Program: Operations
Department: Facility Services

Funding Start: 2013
Funding Completion: 2022

Summary:

The Hennepin County Government Center opened in 1975 and is located at 300 South 6th Street in Minneapolis, MN. The Government Center is comprised of two 23-story towers supported on a 6-story base building. The total area of the building is some 1,501,954 gross square feet. This project will provide for the planning and major asset rehabilitation work that is needed at the Government Center.

Purpose & Description:

This project is a compilation of major asset rehabilitation needs pertaining directly to the Government Center. It does not represent all facility preservation deficiencies of the facility. The purpose of this project is to provide and extend structural, mechanical and operational functionalities of a forty (40) year-old facility by upgrading and/or replacing necessary components.

Justifications range from preventing operational failures, to protecting the comfort and safety of facility occupants and making sure that the public can move efficiently and conduct business comfortably throughout the building. Deferment of the physical needs of the building will result in emergency repairs, increased costs and the inconvenience of unplanned downtime of building operations.

During 2013 and 2014, comprehensive studies were conducted in order to update and reprioritize the rehabilitation master plan. The work plan, priorities and associated costs have been revised and reduced to reflect the information learned by these studies. This project will replace major outdated equipment, restore the functionality of building surfaces and equipment systems in an effort to extend viability of the facility for years to come.

Many of the major systems components are original to the construction of the building and are in need of rejuvenation or major repair. The exterior shell, consisting of granite panels and aluminum window units, has been subjected to seasonal weather for forty years and possible resulting damage, sealant failure and leakage. Internal components, including the many entry doorways into the building, and the elevators and escalators are subject to wear from the thousands of citizens and employees moving throughout the building each day. Infrastructure systems including piping systems and HVAC components date to original construction and have surpassed their expected life.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	18,634,000	10,677,576	7,956,424	4,000,000	4,000,000	4,366,000	2,000,000	-	-	33,000,000
Other	-	19,310	(19,310)	-	-	-	-	-	-	-
Total	18,634,000	10,696,886	7,937,114	4,000,000	4,000,000	4,366,000	2,000,000	-	-	33,000,000

EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	15,143,000	11,031,053	4,111,947	4,666,000	3,073,000	3,715,000	2,000,000	-	-	28,597,000
Consulting	1,776,000	1,788,851	(12,851)	(309,000)	473,000	269,000	-	-	-	2,209,000
Equipment	-	49,913	(49,913)	-	-	-	-	-	-	-
Furnishings	-	1,310	(1,310)	-	-	-	-	-	-	-
Other Costs	-	94,734	(94,734)	-	-	-	-	-	-	-
Contingency	1,715,000	-	1,715,000	(357,000)	454,000	382,000	-	-	-	2,194,000
Total	18,634,000	12,965,862	5,668,138	4,000,000	4,000,000	4,366,000	2,000,000	-	-	33,000,000

Project Name: 1000874 Government Center Rehabilitation				Funding Start: 2013				
Major Program: Operations				Funding Completion: 2022				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	18,634,000	5,000,000	5,000,000	4,366,000	-	-	-	33,000,000
Administrator Proposed	18,634,000	4,000,000	4,000,000	4,366,000	2,000,000	-	-	33,000,000
CBTF Recommended	18,634,000	4,000,000	4,000,000	4,366,000	2,000,000	-	-	33,000,000
Board Approved Final	18,634,000	4,000,000	4,000,000	4,366,000	2,000,000	-	-	33,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
<p>2018 Planned Activities: C-Tower piping replacement, D level piping replacement, continue restroom improvements with A-Level Locker Room and lower level restroom updates, hidden ceiling spline replacement, and miscellaneous door replacement.</p> <p>2019 Planned Activities: Ceiling replacement, electrical room code issues in the A-tower</p> <p>2020-2021 Planned Activities include: Exterior window replacement, installation of exterior wind sway restraint system and air handler motors & starter replacements</p> <p>Scoping: N/A Design: N/A Procurement: N/A Construction: N/A Completion: N/A</p>				<p>Major Project Categories: Exterior building surface replacements (tuckpointing, granite panels, window systems, skylights); Doorways and entry replacements (revolving doors, window walls); Piping system replacements (storm water, domestic water supply, sanitary sewer); Life safety systems (fire pump and controls replacements); HVAC component replacements (A/C coils and valves).</p> <p>In addition to the preservation categories above, this project will continue restroom improvements by updating the A-Level Locker Rooms and lower level restrooms making modifications for accessibility. We will need to include abatement in these projects. This project has already modified all of the A-Tower restrooms for accessibility needs in 2015-2016. The atrium ceiling in both A-tower and C-tower grids need to be painted and the ceiling tiles replaced with the new building standard. The tiles are original to the building and are deteriorating. On the skyway level, there are additional areas where both the grid and ceiling tiles need to be replaced with new building standard. In addition, the electrical rooms from A16-A21 need panels moved off the joint wall between the elevator shaft and the electrical room.</p>				
Project's Effect on Annual Operating Budget:				The list of individual rehabilitation projects has been professionally estimated by Faithful and Gould, a firm specializing in construction project cost estimation. The estimated amounts provided include costs for general conditions, contractor markups and contingencies. The list was prioritized over a five year period by the on-site Facilities Management staff according to their knowledge of the facility.				
To be determined.				Please note that regular facility preservation work is still part of the county-wide asset preservation capital projects.				
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	13,634,000	7,162,000	5,748,000	6,389,000	-	-	-	32,933,000
Administrator Proposed	13,634,000	5,000,000	5,000,000	5,000,000	4,299,000	-	-	32,933,000
CBTF Recommended	13,634,000	5,000,000	5,000,000	5,000,000	4,299,000	-	-	32,933,000
Board Approved Final	13,634,000	5,000,000	5,000,000	5,000,000	4,299,000	-	-	32,933,000

Project Name: 1005176 Countywide Energy Conservation 2016-2020
Major Program: Operations
Department: Facility Services

Funding Start: 2018
Funding Completion: 2020

Summary:
 This project supports the energy conservation initiatives of the 7-year Facility Services Energy Plan that aims to reduce energy use in county facilities by 20% by the year 2020.

Purpose & Description:
 Hennepin County Facility Services expends over \$10 million annually on energy and water to manage over 6 million square feet of space in over 80 facilities. This project will fund various energy conservation initiatives, water conservation opportunities and energy costs reduction strategies.

With utility costs increasing annually, it is imperative that the County focus efforts to reduce the effects of the volatile energy market. As technologies improve and become more cost effective, there will be greater opportunities to update the county's buildings to be more energy and water efficient.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	2,000,000	231,561	1,768,439	1,500,000	1,500,000	-	-	-	-	5,000,000
Total	2,000,000	231,561	1,768,439	1,500,000	1,500,000	-	-	-	-	5,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	1,800,000	380,714	1,419,286	1,350,000	1,350,000	-	-	-	-	4,500,000
Consulting	100,000	169,786	(69,786)	75,000	75,000	-	-	-	-	250,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	100,000	-	100,000	75,000	75,000	-	-	-	-	250,000
Total	2,000,000	550,500	1,449,500	1,500,000	1,500,000	-	-	-	-	5,000,000

Project Name: 1005176 Countywide Energy Conservation 2016-2020				Funding Start: 2018				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	2,000,000	2,000,000	2,000,000	-	-	-	-	6,000,000
Administrator Proposed	2,000,000	1,500,000	1,500,000	-	-	-	-	5,000,000
CBTF Recommended	2,000,000	1,500,000	1,500,000	-	-	-	-	5,000,000
Board Approved Final	2,000,000	1,500,000	1,500,000	-	-	-	-	5,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>This capital budget request supports the efforts to reduce energy outlined in the 2013 Facility Services Energy Plan. This plan has a goal of reducing energy use by 20% by the year 2020. This resulting in an annual 3% energy reduction goal. Facility Services has a \$10 million annual operating energy budget and a 3% reduction goal would equate to about \$300,000 in energy cost reductions annually cumulative after each year.</p> <p>Per County Administration, work out of this project will be designed to meet an 8-year pay-back goal.</p> <p>Energy Conservation Implementation plan:</p> <ul style="list-style-type: none"> • Year 2018 Lighting upgrades at Central Library Recommissioning at Government Center and Excelsior Library Metering equipment various buildings • Year 2019 Lighting upgrades at Public Works Facility and Public Safety Facility Continuous commissioning system pilot Recommissioning at Public Safety Facility, Eden Prairie Service Center and Northeast Library • Year 2020 Lighting upgrades at Juvenile Justice Center and Juvenile Detention Center Recommissioning at Roosevelt Library and Plymouth Library 				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
It is anticipated that the improvements made in this project will contribute to a cost savings of approximately \$300,000 for the Facility Services Operating budget.								
Annual Impact for Requesting Department: -300,000								
Annual Impact for all other Depts: 0								
Total -300,000								
Environmental Impacts and Initiatives:								
Reduced energy usage will reduce environmental impacts from utilities.								
Changes from Prior CIP: The 2019-2023 estimate has decreased by \$4,775,000 from the 2018-2022 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	5,000,000	5,000,000	5,000,000	2,000,000	2,000,000	-	19,000,000
Administrator Proposed	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	-	10,000,000
CBTF Recommended	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	-	10,000,000
Board Approved Final	-	2,000,000	2,000,000	2,000,000	2,000,000	1,775,000	-	9,775,000

Project Name: 1006396 Countywide Energy Conservation 2021-2025
Major Program: Operations
Department: Facility Services

Funding Start: 2021
Funding Completion: 2025

Summary:
 This project supports the energy conservation initiatives of the 7-year Facility Services Energy Plan that aims to reduce energy use in county facilities by 20% by the year 2020.

Purpose & Description:
 Hennepin County Facility Services expends over \$10 million annually on energy and water to manage over 6 million square feet of space in over 80 facilities. This project will fund various energy conservation initiatives, water conservation opportunities and energy costs reduction strategies.

With utility costs increasing annually, it is imperative that the County focus efforts to reduce the effects of the volatile energy market. As technologies improve and become more cost effective, there will be greater opportunities to update the county's buildings to be more energy and water efficient.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	-	2,000,000	2,000,000	2,000,000	-	6,000,000
Total	-	-	-	-	-	2,000,000	2,000,000	2,000,000	-	6,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	1,800,000	1,800,000	1,800,000	-	5,400,000
Consulting	-	-	-	-	-	100,000	100,000	100,000	-	300,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	100,000	100,000	100,000	-	300,000
Total	-	-	-	-	-	2,000,000	2,000,000	2,000,000	-	6,000,000

Project Name: 1006396 Countywide Energy Conservation 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	2,000,000	2,000,000	2,000,000	-	6,000,000
Administrator Proposed	-	-	-	2,000,000	2,000,000	2,000,000	-	6,000,000
CBTF Recommended	-	-	-	2,000,000	2,000,000	2,000,000	-	6,000,000
Board Approved Final	-	-	-	2,000,000	2,000,000	2,000,000	-	6,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>This capital budget request supports the efforts to reduce energy outlined in the 2013 Facility Services Energy Plan. This plan has a goal of reducing energy use by 20% by the year 2020. This resulting in an annual 3% energy reduction goal. Facility Services has a \$10 million annual operating energy budget and a 3% reduction goal would equate to about \$300,000 in energy cost reductions annually cumulative after each year.</p> <p>Per County Administration, work out of this project will be designed to meet an 8-year pay-back goal.</p> <p>Energy Conservation Implementation plan:</p> <ul style="list-style-type: none"> • Year 2021 Lighting upgrades at Maple Grove Library Recommissioning at Maple Grove Library • Year 2022 Lighting upgrades at Brooklyn Park Transfer Station Recommissioning at various buildings <p>This capital project is preceded by the Countywide Energy Conservation (1005176) project.</p>				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
It is anticipated that the improvements made in this project will contribute to a cost savings of approximately \$300,000 for the Facility Services Operating budget.								
Annual Impact for Requesting Department: -300,000								
Annual Impact for all other Depts: 0								
Total -300,000								
Environmental Impacts and Initiatives:								
Reduced energy usage will reduce environmental impacts from utilities.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1002155 Building Automation System Upgrades 2016-2020
Major Program: Operations
Department: Facility Services

Funding Start: 2019
Funding Completion: 2020

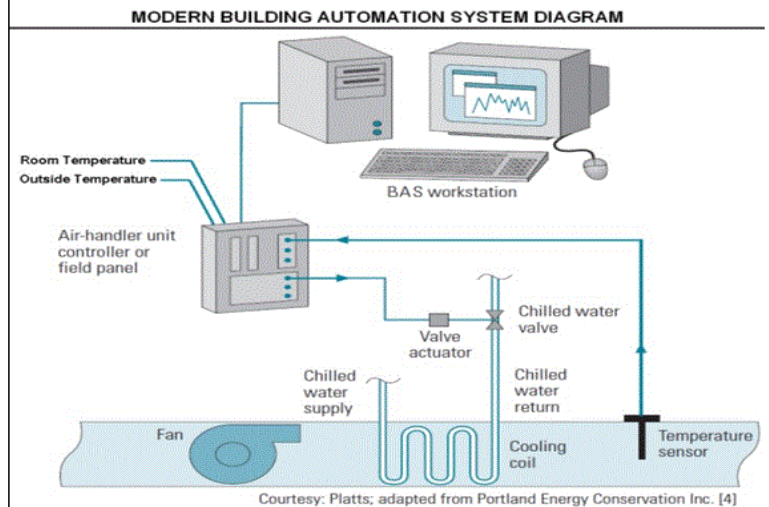
Summary:
 This project provides for the replacement of and/or upgrades to the county's Building Automation System (BAS). A BAS is comprised of a network of micro-processors and computers that control, change, verify and record various facility conditions, such as heating, cooling, ventilation, and allows for automated scheduling of system operation.

Purpose & Description:
 This project is to provide upgrades and replacements to the existing building automation system. The current system has been operational at some facilities for 20-25 years and requires major maintenance or replacements to keep the system functional and efficient. Many of our existing building automation controls are pneumatic (which use air pressure signals instead of computers), a type of system that is obsolete and no longer supported across the industry. Replacements of the existing systems will continue to result in operational savings for the county.

The Building Automation System (BAS) allows for:

1. Replacement of obsolete and end-of-life pneumatic controls,
2. Risk avoidance through easier, more extensive monitoring and control of facility systems which will prevent major building system failures,
3. More efficient energy usage and energy expenditure cost avoidance while providing improved comfort levels for facility occupants,
4. Accurate and timely diagnoses of problems (for example, the BAS has all but eliminated complaints about erratic temperature swings)
5. Compilation of critical information for response and analysis (the reporting format enables comparison among facilities, captures data on energy consumption, maintenance frequencies, and limits emergency calls).

Presently, there are 58 buildings under the control of the building automation network, with thousands of monitored points. This project enables ongoing BAS modifications that leverage technological advancements. Included is the replacement of associated obsolete components, valves and operators. This project does not fund BAS installation for new facilities or facility expansion projects.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	-	-	-	200,000	200,000	-	-	-	-	400,000
Bonds - GO	-	-	-	1,800,000	1,800,000	-	-	-	-	3,600,000
Total	-	-	-	2,000,000	2,000,000	-	-	-	-	4,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	851,000	851,000	-	-	-	-	1,702,000
Consulting	-	-	-	141,000	141,000	-	-	-	-	282,000
Equipment	-	-	-	867,000	867,000	-	-	-	-	1,734,000
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	141,000	141,000	-	-	-	-	282,000
Total	-	-	-	2,000,000	2,000,000	-	-	-	-	4,000,000

Project Name: 1002155 Building Automation System Upgrades 2016-2020				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	2,000,000	2,000,000	-	-	-	-	4,000,000
Administrator Proposed	-	2,000,000	2,000,000	-	-	-	-	4,000,000
CBTF Recommended	-	2,000,000	2,000,000	-	-	-	-	4,000,000
Board Approved Final	-	2,000,000	2,000,000	-	-	-	-	4,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<ul style="list-style-type: none"> • Schedule: • 2011 - \$1,393,000 - (ACTUAL) Hennepin County Government Center (HCGC), Ridgedale, 1800 Chicago; • 2012 - \$1,442,000 - (ACTUAL) HCGC, JDC, HSB, 1800 Chicago; • 2013 - \$1,104,000 - (ACTUAL) HCGC, SOC Alarm Reporting, JDC; • 2014 - \$1,286,000 - (ACTUAL) HCGC, ACF, Rockford Road Library, Eden Prairie Service Center; • 2015 - \$1,144,000 (ACTUAL) HCGC, Hopkins Library, Adult Correctional Facility • 2016 - \$2,720,000 (ACTUAL) Adult Correctional Facility, Bloomington HHW, Bloomington Maintenance Station, Osseo Maintenance Station, Brooklyn Park Transfer • 2017 - \$1,770,000 - (ACTUAL) Adult Correctional Facility, FSB, HCGC, 7th & Park Maintenance Station, 9 libraries (group of 5, group of 4) • 2018 - \$2,000,000 Edina, Adult Correctional Facility, HCGC, Sheriff's Patrol Headquarters, Sheriff's Water Patrol • 2019 - \$2,000,000 NorthPoint, PW Medina, Brookdale, Adult Correctional Facility, HCGC 				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
To maintain a cost avoidance factor of 10%-15% in reduced energy expenditures (approximately \$347,000 - \$505,000/year)								
Annual Impact for Requesting Department:		-347,000						
Annual Impact for all other Depts:		0						
Total		-347,000						
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: The 2019-2023 estimate has decreased \$2,600,000 from the 2018-2022 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project be sunset and closed.								
				<ul style="list-style-type: none"> • This project is preceded by the following capital project: • Building Automation System Upgrades 2011-2015 (#0031824) • Funded Budget: \$11,904,000 • Expenditures & Encumbrances: \$9,432,000 • Balance as of 12/14/2018: \$2,472,000 				
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	2,000,000	2,000,000	2,000,000	1,000,000	-	7,000,000
Administrator Proposed	-	-	2,000,000	2,000,000	2,000,000	1,000,000	-	7,000,000
CBTF Recommended	-	-	2,000,000	2,000,000	2,000,000	1,000,000	-	7,000,000
Board Approved Final	-	-	2,000,000	2,000,000	1,600,000	1,000,000	-	6,600,000

Project Name: 1006398 Building Automation System Upgrades 2021-2025
Major Program: Operations
Department: Facility Services

Funding Start: 2021
Funding Completion: 2025

Summary:
 This project provides for the replacement of and/or upgrades to the county's Building Automation System (BAS). A BAS is comprised of a network of micro-processors and computers that control, change, verify and record various facility conditions, such as heating, cooling, ventilation, and allows for automated scheduling of system operation.

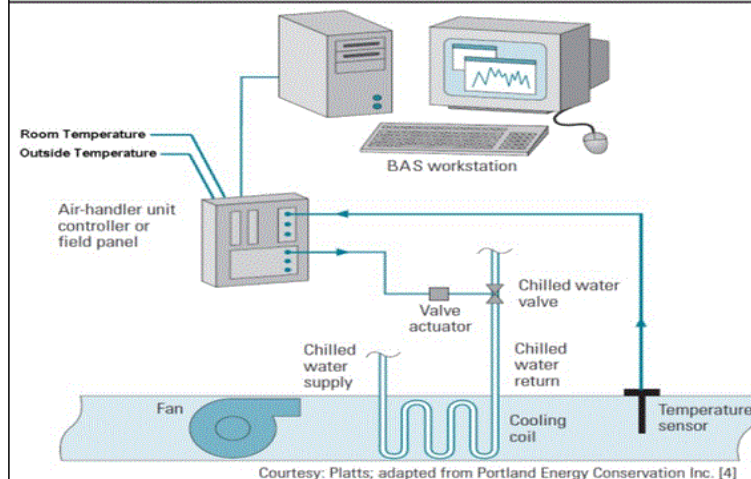
Purpose & Description:
 This project is to provide upgrades and replacements to the existing building automation system. The current system has been operational at some facilities for 20-25 years and requires major maintenance or replacements to keep the system functional and efficient. Many of our existing building automation controls are pneumatic (which use air pressure signals instead of computers), a type of system that is obsolete and no longer supported across the industry.

Replacements of the existing systems will continue to result in operational savings for the county. The Building Automation System (BAS) allows for:

1. Replacement of obsolete and end-of-life pneumatic controls,
2. Risk avoidance through easier, more extensive monitoring and control of facility systems which will prevent major building system failures,
3. More efficient energy usage and energy expenditure cost avoidance while providing improved comfort levels for facility occupants,
4. Accurate and timely diagnoses of problems (for example, the BAS has all but eliminated complaints about erratic temperature swings)
5. Compilation of critical information for response and analysis (the reporting format enables comparison among facilities, captures data on energy consumption, maintenance frequencies, and limits emergency calls).

Presently, there are 58 buildings under the control of the building automation network, with thousands of monitored points. This project enables ongoing BAS modifications that leverage technological advancements. Included is the replacement of associated obsolete components, valves and operators. This project does not fund BAS installation for new facilities or facility expansion projects.

MODERN BUILDING AUTOMATION SYSTEM DIAGRAM



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	-	-	-	-	-	160,000	100,000	100,000	-	360,000
Bonds - GO	-	-	-	-	-	1,440,000	900,000	900,000	-	3,240,000
Total	-	-	-	-	-	1,600,000	1,000,000	1,000,000	-	3,600,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	651,000	425,000	425,000	-	1,501,000
Consulting	-	-	-	-	-	141,000	71,000	71,000	-	283,000
Equipment	-	-	-	-	-	667,000	433,000	433,000	-	1,533,000
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	141,000	71,000	71,000	-	283,000
Total	-	-	-	-	-	1,600,000	1,000,000	1,000,000	-	3,600,000

Project Name: 1006398 Building Automation System Upgrades 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	1,600,000	1,000,000	1,000,000	-	3,600,000
Administrator Proposed	-	-	-	1,600,000	1,000,000	1,000,000	-	3,600,000
CBTF Recommended	-	-	-	1,600,000	1,000,000	1,000,000	-	3,600,000
Board Approved Final	-	-	-	1,600,000	1,000,000	1,000,000	-	3,600,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<u>Schedule:</u>				
Design: N/A				<ul style="list-style-type: none"> • 2011 - \$1,393,000 - (ACTUAL) Hennepin County Government Center (HCGC), Ridgedale, 1800 Chicago; • 2012 - \$1,442,000 - (ACTUAL) HCGC, JDC, HSB, 1800 Chicago; • 2013 - \$1,104,000 - (ACTUAL) HCGC, SOC Alarm Reporting, JDC; • 2014 - \$1,286,000 - (ACTUAL) HCGC, ACF, Rockford Road Library, Eden Prairie Service Center; • 2015 - \$1,144,000 - (ACTUAL) HCGC, Hopkins Library, Adult Correctional Facility • 2016 - \$2,720,000 - Adult Correctional Facility, Bloomington HHW, Bloomington Maint Station, Osseo Maint Station, Brooklyn Park Transfer • 2017 - \$1,770,000 - Adult Correctional Facility, FSB, HCGC, 7th & Park Maintenance Station, 9 libraries (group of 5, group of 4) • 2018 - \$2,000,000 Edina, Adult Correctional Facility, HCGC, Sheriff's Patrol Headquarters, Sheriff's Water Patrol • 2019 - \$2,000,000 NorthPoint, PW Medina, Brookdale, Adult Correctional Facility, HCGC 				
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
To maintain a cost avoidance factor of 10%-15% in reduced energy expenditures								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:				<u>This project is preceded by the following capital project:</u>				
				<ul style="list-style-type: none"> • Building Automation System Upgrades 2011-2015 (#0031824) • Funded Budget: \$11,904,000 • Expenditures & Encumbrances: \$8,452,378 • Balance as of 3/13/2018: \$2,452,622 				
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1002154 Facility Preservation 2016-2020
Major Program: Operations
Department: Facility Services

Funding Start: 2016
Funding Completion: 2020

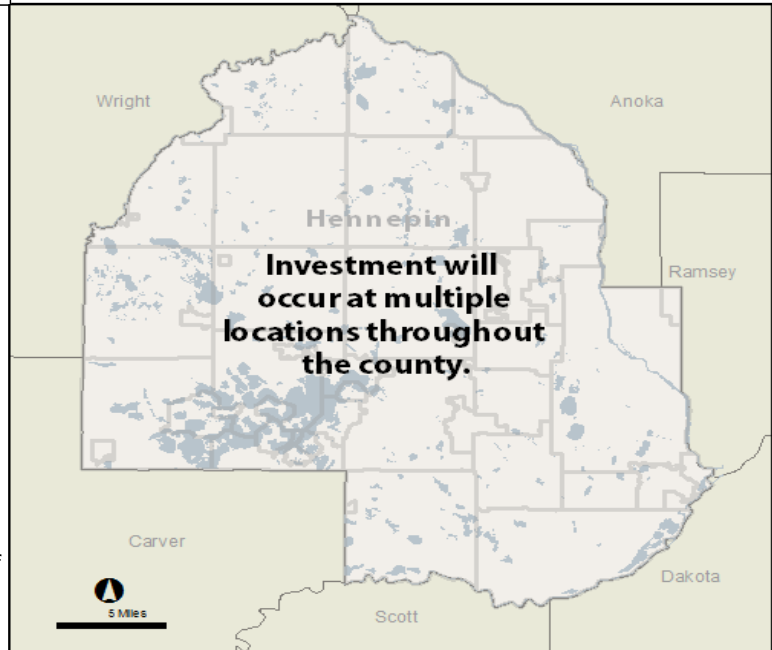
Summary:
 This project provides the basis for implementing an annual, county-wide facility preservation program, which is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the county's real property assets.

Purpose & Description:
 Appropriately located, adequately sized and well maintained facilities are integral to the ability of Hennepin County to efficiently deliver cost effective services to its various clients and patrons. Facility Service's mission includes preservation of county buildings thereby prolonging their life and maximizing the value of the County's assets.

All of the work done under the auspices of this project is identified through periodic surveys of the respective building systems by expert consultants and operations and maintenance staff. The surveys and audits provide a work plan to effect major facility repairs, renovations and upgrades in support of the county's service mission. The facilities covered by this project were re-inspected in late 2013 with reports produced by February 2014, allowing for new five year implementation plans to be formulated. This process will be repeated in 2018. Executing this responsibility requires considerable funding in a consistent and continuous stream on an annual basis.

Funding this project allows staff to maintain buildings using a cyclical program based on statistical average life cycles of various building infrastructure systems. This will ensure buildings remain in optimal condition thereby prolonging their useful life through use of capital resources in an efficient and responsible manner.

Implementation of this work requires 3 essential steps: 1) Facility Surveys / Audits: Comprehensive survey/audit of all of the buildings the county directly owns and operates; 2) Work Plan Development: Identify and prioritize necessary repair, rehabilitation, replacement and upgrade work; and 3) Annual Funding: Consistent funding allows for implementing the work in a planned and cost effective manner.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	100,000	100,000	-	-	-	-	-	-	-	100,000
Bonds - GO	8,900,000	6,266,707	2,633,293	3,000,000	3,500,000	-	-	-	-	15,400,000
Other	-	17,280	(17,280)	-	-	-	-	-	-	-
Total	9,000,000	6,383,987	2,616,013	3,000,000	3,500,000	-	-	-	-	15,500,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	7,200,000	6,405,160	794,840	2,400,000	2,800,000	-	-	-	-	12,400,000
Consulting	900,000	1,180,398	(280,398)	300,000	350,000	-	-	-	-	1,550,000
Equipment	-	28,081	(28,081)	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	69,040	(69,040)	-	-	-	-	-	-	-
Contingency	900,000	-	900,000	300,000	350,000	-	-	-	-	1,550,000
Total	9,000,000	7,682,679	1,317,321	3,000,000	3,500,000	-	-	-	-	15,500,000

Project Name: 1002154 Facility Preservation 2016-2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	9,000,000	4,000,000	4,000,000	-	-	-	-	17,000,000
Administrator Proposed	9,000,000	3,000,000	3,500,000	-	-	-	-	15,500,000
CBTF Recommended	9,000,000	3,000,000	3,500,000	-	-	-	-	15,500,000
Board Approved Final	9,000,000	3,000,000	3,500,000	-	-	-	-	15,500,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>MAJOR PROJECTS PLANNED FOR 2018 (\$4,000,000): Architectural (1800, HCGC, NorthPoint); Parking & Grounds (HCGC); Masonry & Tuck-pointing (PSF); Roofing (Eden Prairie Satellite). Five year building assessments will be conducted in 2018 for non-library facilities.</p> <p>MAJOR PROJECTS PLANNED FOR 2019 (\$4,000,000):</p> <ul style="list-style-type: none"> • Architectural - PSF Epoxy Floor Coating \$203K • Mechanical - HCGC Replace Original Chilled and Hot Water Coils \$250K; Sheriff's Radio (Old) Replace Chiller \$125K; Sheriff's Water Patrol Replace HVAC VAV's \$150K • Electrical - HCGC Replace Electrical Distribution Panels \$192K • Life Safety - PSF/ECF CO Sensors \$40K • Site and Grounds - HCGC Pavement, Sidewalks, and Driveway Replacement \$125K; HSB/JJC/JDC Sidewalk replacement \$125K • Elevator - PSF Refurbish all Elevators and add Elevator #10 \$300K • Masonry and Tuck-pointing - Medina Seal Coating Salt Shed \$125K <p>PROJECTS ANTICIPATED FOR 2020 (\$4,000,000): Elevators (JDC, PSF); Mechanical (HCGC); Parking and Grounds (PSF); and Roofing (Brookdale, Ridgedale).</p> <ul style="list-style-type: none"> • Project Balance 1/1/2018 \$4,800,000 • <u>2018 Project Expenditures</u> (\$4,000,000*) • Anticipated Balance 12/31/18 \$ 800,000 • 2019 Request \$4,000,000 • <u>2019 Anticipated Expenditures</u> (\$4,000,000*) • Anticipated Balance 12/31/19 \$ 800,000 <p>* Capped due to workload capacity</p>				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Effects on the operating budget cannot be quantified, but reductions to the future operational repair expenses are expected.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
The overall 2019-2023 facility preservation program has increased \$10,000,000 over the 2018-2022 budget due to added staff to Facilities Services Preservation group which has increased workload capacities as well as the addition of the 2023 funding element. However this project request has decreased by \$3,500,000 as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	7,000,000	3,500,000	4,000,000	3,000,000	2,000,000	2,000,000	-	21,500,000
Administrator Proposed	7,000,000	2,000,000	2,500,000	3,000,000	3,000,000	3,000,000	-	20,500,000
CBTF Recommended	7,000,000	2,000,000	2,500,000	3,000,000	3,000,000	3,000,000	-	20,500,000
Board Approved Final	7,000,000	2,000,000	2,500,000	2,500,000	2,500,000	2,500,000	-	19,000,000

Project Name: 1006397 Facility Preservation 2021-2025
Major Program: Operations
Department: Facility Services

Funding Start: 2021
Funding Completion: 2025

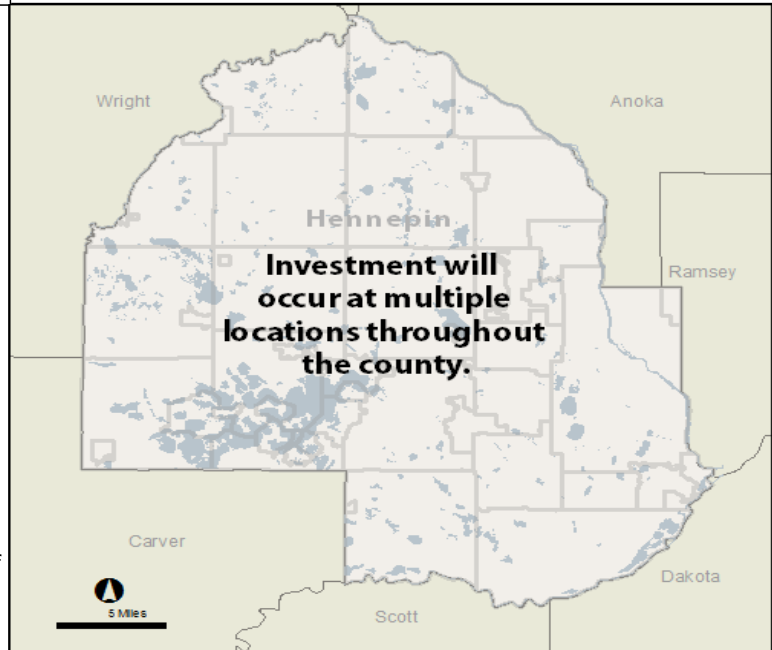
Summary:
 This project provides the basis for implementing an annual, county-wide facility preservation program, which is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the county's real property assets.

Purpose & Description:
 Appropriately located, adequately sized and well maintained facilities are integral to the ability of Hennepin County to efficiently deliver cost effective services to its various clients and patrons. Facility Service's mission includes preservation of county buildings thereby prolonging their life and maximizing the value of the County's assets.

All of the work done under the auspices of this project is identified through periodic surveys of the respective building systems by expert consultants and operations and maintenance staff. The surveys and audits provide a work plan to effect major facility repairs, renovations and upgrades in support of the county's service mission. The facilities covered by this project were re-inspected in late 2013 with reports produced by February 2014, allowing for new five year implementation plans to be formulated. This process will be repeated in 2018. Executing this responsibility requires considerable funding in a consistent and continuous stream on an annual basis.

Funding this project allows staff to maintain buildings using a cyclical program based on statistical average life cycles of various building infrastructure systems. This will ensure buildings remain in optimal condition thereby prolonging their useful life through use of capital resources in an efficient and responsible manner.

Implementation of this work requires 3 essential steps: 1) Facility Surveys / Audits: Comprehensive survey/audit of all of the buildings the county directly owns and operates; 2) Work Plan Development: Identify and prioritize necessary repair, rehabilitation, replacement and upgrade work; and 3) Annual Funding: Consistent funding allows for implementing the work in a planned and cost effective manner.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Total	-	-	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	3,200,000	3,200,000	3,200,000	-	9,600,000
Consulting	-	-	-	-	-	400,000	400,000	400,000	-	1,200,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	400,000	400,000	400,000	-	1,200,000
Total	-	-	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000

Project Name: 1006397 Facility Preservation 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Administrator Proposed	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
CBTF Recommended	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Board Approved Final	-	-	-	4,000,000	4,000,000	4,000,000	-	12,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				This capital project is preceded by the Facility Preservation 2016-2020 (1002154) project.				
Design: N/A				PROJECTS ANTICIPATED FOR 2020 (\$4,000,000): Elevators (JDC, PSF); Mechanical (HCGC); Parking and Grounds (PSF); and Roofing (Brookdale, Ridgedale).				
Procurement: N/A				PROJECTS ANTICIPATED FOR 2021-2022 (\$4,000,000/yr): Electrical (Sheriff's Patrol HQ, Sheriff Water Patrol); Elevators (PSF); Mechanical (HCGC, JJC); Parking & Grounds (Brookdale), and Roofing (Bloomington Maint, HSB, JJC, HSB, Orono, Osseo, Medina).				
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Effects on the operating budget cannot be quantified, but reductions to the future operational repair expenses are expected.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1004461 1800 Chicago Infrastructure Replacements
Major Program: Operations
Department: Facility Services

Funding Start: 2017
Funding Completion: 2020

Summary:
 This project, at the 1800 Chicago facility, located at 1800 Chicago Ave in Minneapolis, Minnesota will modify and improve the facility infrastructure in conjunction with areas that are being renovated to support Hennepin County's mental health rehabilitation programs at the facility.

Purpose & Description:
 The 1800 Chicago facility houses the county's mental and chemical health programs. The center section of the facility dates back to the 1930's as a school house, was expanded in the 1950's to house the Sister Kenny Rehabilitation hospital, was purchased by Hennepin County the mid-1970's and had undergone many remodeling phases since. Many of the infrastructure systems need to be completely replaced before areas can be adapted to future program uses. The building envelope suffers from moisture intrusion; the ventilation (fresh air) system is inadequate to meet current codes, the elevators have reached their life expectancy and many other systems are in need of replacement. As part of the County's intent to reinvest in this facility, support systems must be replaced before or in concert with other efforts of modernization or repurposing. In conjunction with this project is the desire to obtain additional property for surface parking, to alleviate a current shortage. This project will provide necessary facility upgrades, renovations and improvements to the physical infrastructure systems of the 1800 Chicago facility as it is adapted and repurposed for future uses.

Cyclical five year facility audits, along with staff observations, have led to a 2016 in-depth facility condition assessment as the basis for this request. Deficiencies in most of the major infrastructure systems (mechanical, electrical, ventilation, elevator and utility piping, etc.) have been determined and quantified.

This project will be coordinated with the HSPHD Sobering Center project (#1002165) to minimize construction disruptions and maximize cost effectiveness.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	6,959,000	3,682,915	3,276,085	1,501,000	1,500,000	-	-	-	-	9,960,000
Other	-	6,700	(6,700)	-	-	-	-	-	-	-
Total	6,959,000	3,689,615	3,269,385	1,501,000	1,500,000	-	-	-	-	9,960,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	5,526,000	4,202,467	1,323,533	1,314,000	1,314,000	-	-	-	-	8,154,000
Consulting	625,000	663,529	(38,529)	155,000	103,000	-	-	-	-	883,000
Equipment	55,000	2,389	52,611	-	-	-	-	-	-	55,000
Furnishings	-	10,933	(10,933)	-	-	-	-	-	-	-
Other Costs	-	7,250	(7,250)	-	-	-	-	-	-	-
Contingency	753,000	-	753,000	32,000	83,000	-	-	-	-	868,000
Total	6,959,000	4,886,569	2,072,431	1,501,000	1,500,000	-	-	-	-	9,960,000

Project Name: 1004461 1800 Chicago Infrastructure Replacements				Funding Start: 2017				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	6,959,000	1,501,000	1,500,000	-	-	-	-	9,960,000
Administrator Proposed	6,959,000	1,501,000	1,500,000	-	-	-	-	9,960,000
CBTF Recommended	6,959,000	1,501,000	1,500,000	-	-	-	-	9,960,000
Board Approved Final	6,959,000	1,501,000	1,500,000	-	-	-	-	9,960,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: Spring 2016				Anticipated Expenditures: <u>2017:</u> Infrastructure work supporting Detox/Mental Health projects <u>2018:</u> Continue project support work, roof, common area infrastructure, center wing building infrastructure work <u>2019-2020:</u> North wing infrastructure, elevators, site work				
Design: 2017								
Procurement: 2017								
Construction: 2017-2021								
Completion: 2021								
Project's Effect on Annual Operating Budget:								
Energy reductions from lighting and HVAC upgrades should save approximately \$30,000 per year. This project will reduce operational expenditures and downtime.								
Annual Impact for Requesting Department: 30,000								
Annual Impact for all other Depts: 0								
Total 30,000								
Environmental Impacts and Initiatives:								
Changes from Prior CIP:								
The 2019-2023 estimate has increased \$1,001,000 over the 2018-2022 estimate due to the addition of updates to the remaining sections of the HVAC distribution system, replacement of water/sanitary service feed, additional material abatement costs, and other costs associated with building envelope updates, data system backbone and elevator refurbishments.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	3,459,000	3,500,000	1,000,000	1,000,000	-	-	-	8,959,000
Administrator Proposed	3,459,000	3,500,000	1,000,000	1,000,000	-	-	-	8,959,000
CBTF Recommended	3,459,000	3,500,000	1,000,000	1,000,000	-	-	-	8,959,000
Board Approved Final	3,459,000	3,500,000	1,000,000	1,000,000	-	-	-	8,959,000

Project Name: 1002159 701 Building Facility Preservation 2016-2020

Major Program: Operations

Department: Facility Services

Funding Start: 2016

Funding Completion: 2020

Summary:

This project provides the basis for implementing an annual, on-going facility preservation project for the 701 Building, located at 701 4th Avenue S in Minneapolis, Minnesota. The project is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the County's real property assets.

Purpose & Description:

This project provides the basis for implementing an annual, on-going facility preservation program at the 701 Building, which is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the building. Typically, these projects are technically complex, may involve meeting code requirements, and are larger in scale and cost. This project request is solely for the 701 Building mainly because accounting measures need to be kept separate from other County facilities covered by other preservation programs. This project request is based on information learned during a due diligence investigation prior to purchase of the facility in 2011, as well as operational experience gained since purchase. Additional information is continually learned about the facility through experience and staff observations enabling Property Services to refine the five-year expense projection for this facility each year.

The County's pre-purchase review revealed that the building has been well maintained and is in good condition, but it is thirty-five years old and replacements of infrastructure equipment and systems are to be expected. Funds for elevator refurbishments, mechanical and electrical equipment replacements, HVAC control work and common area lighting upgrades are requested via this project. This request also includes funds for accessibility (ADA) improvements, mainly for directional signage and restroom modifications.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	1,905,000	-	1,905,000	1,500,000	500,000	-	-	-	-	3,905,000
Lease Revenues	2,295,000	1,360,563	934,437	500,000	500,000	-	-	-	-	3,295,000
Total	4,200,000	1,360,563	2,839,437	2,000,000	1,000,000	-	-	-	-	7,200,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	3,360,000	2,312,688	1,047,312	1,600,000	800,000	-	-	-	-	5,760,000
Consulting	420,000	111,950	308,050	200,000	100,000	-	-	-	-	720,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	78	(78)	-	-	-	-	-	-	-
Contingency	420,000	-	420,000	200,000	100,000	-	-	-	-	720,000
Total	4,200,000	2,424,716	1,775,284	2,000,000	1,000,000	-	-	-	-	7,200,000

Project Name: 1002159 701 Building Facility Preservation 2016-2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	4,200,000	2,000,000	1,000,000	-	-	-	-	7,200,000
Administrator Proposed	4,200,000	2,000,000	1,000,000	-	-	-	-	7,200,000
CBTF Recommended	4,200,000	2,000,000	1,000,000	-	-	-	-	7,200,000
Board Approved Final	4,200,000	2,000,000	1,000,000	-	-	-	-	7,200,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2018				Work in progress in 2018: (\$1,875,000) Skyway wall replacements, HVAC coil replacements, interior terrazzo refurbishments, elevator upgrades and escalator replacements, facility assessment audits				
Design: Early 2019				Planned work for 2019: (\$1,650,000) HVAC equipment replacements, electrical equipment replacements, final elevator replacement expenses, exterior terrazzo replacement at the front entry and other deficiencies that will be defined by a facility audit conducted in 2018.				
Procurement: 2019				Planned work for 2020: (\$1,000,000) Energy Management system upgrade, generator fuel system upgrade, fire pump replacement, and replacement of various exhaust fans throughout the building.				
Construction: Last half 2019								
Completion: 2020								
Project's Effect on Annual Operating Budget:								
Effects on the operating budget cannot be quantified, but reductions to the future operational repair expenses are expected.								
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
To be determined.				<ul style="list-style-type: none"> • Project Balance as of 3/1/18: \$1,905,000 • 2018 Anticipated Expenditures (\$1,875,000) • Anticipated Balance 12/31/18 (30,000) • 2019 Request: \$2,000,000 • 2019 Anticipated Expenditures (\$1,650,000) • Projected Balance 12/31/19 \$380,000 				
Changes from Prior CIP:								
The 2019-2022 estimate has decreased \$3,000,000 from the 2018-2021 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.				<ul style="list-style-type: none"> • This project is preceded by the following capital project: • 701 Building Facility Preservation (#1000328) • Funded Budget: \$2,140,000 • Balance as of 3/1/18: \$266,000 				
A fixed portion of the costs (noted as "other" income) incurred by this project will be reimbursed from proceeds derived from ownership of the building.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	3,600,000	1,200,000	2,000,000	1,500,000	1,000,000	1,000,000	-	10,300,000
Administrator Proposed	3,600,000	600,000	1,500,000	1,500,000	1,500,000	1,500,000	-	10,200,000
CBTF Recommended	3,600,000	600,000	1,500,000	1,500,000	1,500,000	1,500,000	-	10,200,000
Board Approved Final	3,600,000	600,000	1,500,000	1,500,000	1,500,000	1,500,000	-	10,200,000

Project Name: 1006400 701 Building Facility Preservation 2021-2025	Funding Start: 2021
Major Program: Operations	Funding Completion: 2025
Department: Facility Services	

Summary:
This project provides the basis for implementing an annual, on-going facility preservation project for the 701 Building, located at 701 4th Avenue S in Minneapolis, Minnesota. The project is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the County's real property assets.

Purpose & Description:
This project provides the basis for implementing an annual, on-going facility preservation program at the 701 Building, which is intended to carry out major building system and infrastructure repairs, replacements and upgrades as necessary to ensure the long term viability of the building. Typically, these projects are technically complex, may involve meeting code requirements, and are larger in scale and cost. This project request is solely for the 701 Building mainly because accounting measures need to be kept separate from other County facilities covered by other preservation programs. This project request is based on information learned during a due diligence investigation prior to purchase of the facility in 2011, as well as operational experience gained since purchase. Additional information is continually learned about the facility through experience and staff observations enabling Property Services to refine the five-year expense projection for this facility each year.

The County's pre-purchase review revealed that the building has been well maintained and is in good condition, but it is thirty-five years old and replacements of infrastructure equipment and systems are to be expected. Funds for elevator refurbishments, mechanical and electrical equipment replacements, HVAC control work and common area lighting upgrades are requested via this project. This request also includes funds for accessibility (ADA) improvements, mainly for directional signage and restroom modifications.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	-	750,000	750,000	750,000	-	2,250,000
Total	-	-	-	-	-	750,000	750,000	750,000	-	2,250,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	600,000	600,000	600,000	-	1,800,000
Consulting	-	-	-	-	-	75,000	75,000	75,000	-	225,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	75,000	75,000	75,000	-	225,000
Total	-	-	-	-	-	750,000	750,000	750,000	-	2,250,000

Project Name: 1006400 701 Building Facility Preservation 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	750,000	750,000	750,000	-	2,250,000
Administrator Proposed	-	-	-	750,000	750,000	750,000	-	2,250,000
CBTF Recommended	-	-	-	750,000	750,000	750,000	-	2,250,000
Board Approved Final	-	-	-	750,000	750,000	750,000	-	2,250,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				This capital project is preceded by the 701 Building Facility Preservation 2016-2020 (1002159) project.				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Effects on the operating budget cannot be quantified, but reductions to the future operational repair expenses are expected.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				<u>0</u>				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1005285 701 Building Facade Restoration
Major Program: Operations
Department: Facility Services

Funding Start: 2020
Funding Completion: 2020

Summary:
 The façade is currently showing de-bonding of the finish paint on the aluminum trim and glazing mullions. This project request is being kept separate from the current 701 Building Facility Preservation 2016-2020 (#1002159) due to the level of cost, and the visibility and complexity of work involved. This project request is based on information learned during a recent investigation into the cause and extent of the de-bonding by forensic consultants from Encompass, Inc.

Purpose & Description:
 This project, located at the 701 Building at 701 4th Avenue S in Minneapolis, Minnesota will provide for restoration of the aluminum trim and curtainwall system finishes. Restoration prevents further delamination of the paint finish, prevents corrosion of the base aluminum trim components and allows spot replacements of glazing gaskets and mullion seals preventing moisture intrusion into the curtainwall system and the building's interior.

The County's pre-purchase review revealed that the building had been well maintained and is in overall good condition, but it is thirty-five years old, and replacements of infrastructure equipment and systems are to be expected. This work is in addition to elevator refurbishments, mechanical equipment replacements, a fire alarm system replacement, minor roofing replacements (smaller terrace roofs), HVAC control work and other mechanical upgrades that were expected and are being scheduled at this facility.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	3,000,000	-	-	-	-	3,000,000
Total	-	-	-	-	3,000,000	-	-	-	-	3,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	2,400,000	-	-	-	-	2,400,000
Consulting	-	-	-	-	300,000	-	-	-	-	300,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	300,000	-	-	-	-	300,000
Total	-	-	-	-	3,000,000	-	-	-	-	3,000,000

Project Name: 1005285 701 Building Facade Restoration				Funding Start: 2020				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	3,000,000	-	-	-	-	3,000,000
Administrator Proposed	-	-	3,000,000	-	-	-	-	3,000,000
CBTF Recommended	-	-	3,000,000	-	-	-	-	3,000,000
Board Approved Final	-	-	3,000,000	-	-	-	-	3,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2017				<p>The building is connected to the Minneapolis skyway system and includes a skyway level conference center and retail space. The main floor contains a fitness center and Hennepin County's Be Well Clinic. Built as a slab on grade structure without a basement, the building has a small paved plaza on the corner of 7th St and 4th Ave S.</p> <p>Options considered, with estimated construction costs:</p> <ul style="list-style-type: none"> • Rehab of only the mullions and trim components showing distress \$750,000 • Refinishing all mullions and trim components \$2,500,000 • Replacement of mullions and glazing seals, repaint other trim components \$2,800,000 - \$3,000,000 <p>This request would cover a combination of the second and third options, refinishing all aluminum components and replacing glazing seals where needed and includes consulting costs. The first option does not prevent further problems in the future and presents the issue of matching paint colors.</p>				
Design: 2020								
Procurement: 2020								
Construction: 2020								
Completion: 2020								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	3,000,000	-	-	-	-	-	3,000,000
Administrator Proposed	-	-	3,000,000	-	-	-	-	3,000,000
CBTF Recommended	-	-	3,000,000	-	-	-	-	3,000,000
Board Approved Final	-	-	3,000,000	-	-	-	-	3,000,000

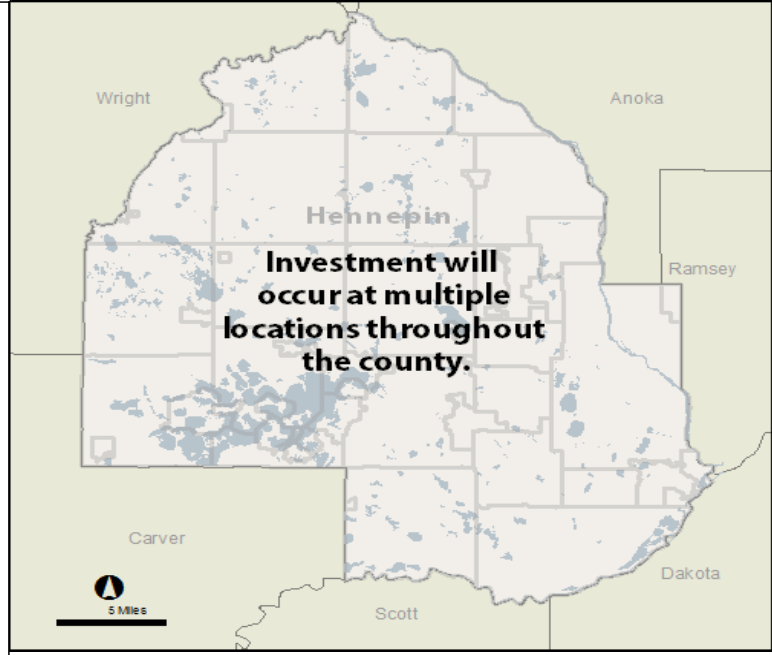
Project Name: 1002242 Countywide Security Systems & Equipment
Major Program: Operations
Department: Facility Services

Funding Start: 2015
Funding Completion: 2021

Summary:
 This project will replace security equipment, such as cameras and key pads, throughout all county facilities, it will also upgrade card access control and Video Management Systems, and implement a security systems integration and management platform.

Purpose & Description:
 The County has found that greater camera resolution is helpful and cost effective when trying to identify details and individuals involved in crimes occurring on County property. High definition IP cameras provide a much more detailed image that can help shorten investigations. These cameras have reduced maintenance costs compared to their analog counterparts due to enhancements such as being able to change settings or update firmware without sending a technician to a site. This project will replace approximately 4,120 analog cameras that are currently in use with new high definition IP cameras. The County currently has approximately 870 high definition IP cameras installed throughout the County. Security is also increased when old keypads are switched to card readers. This eliminates potential security violations and enables more effective use of existing security technology. This project will replace the remaining 75-100 keypads with card readers.

Additionally, this project will identify and procure a new Video Management System and Card Access Control System, rather than expand the County's current platform. This approach will allow Hennepin County to be less dependent on proprietary systems, operate more cost effectively by leveraging county resources, and develop systems that can better support the county's long-term needs. These systems provide enhanced capabilities such as video analytics for detecting potential threats, and improved access management features. This project will also implement a central platform for management and operation of these systems. A unified interface for monitoring, control and response, operations would be more intuitive and effective. This platform would provide policy driven processes to streamline system administration, maintain credential verification procedures, and provide department managers with more direct control and reporting of their areas. Managers would be able to access system portal to manage employee security privileges.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	400,000	400,000	-	1,000,000	950,000	250,000	-	-	-	2,600,000
Bonds - GO	5,200,000	1,044,287	4,155,713	3,000,000	3,000,000	1,105,000	-	-	-	12,305,000
State - Other	400,000	400,000	-	-	-	-	-	-	-	400,000
Total	6,000,000	1,844,287	4,155,713	4,000,000	3,950,000	1,355,000	-	-	-	15,305,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	1,805,725	(1,805,725)	83,000	76,000	22,000	-	-	-	181,000
Consulting	785,040	679,290	105,750	251,000	229,000	66,000	-	-	-	1,331,040
Equipment	4,974,150	63,177	4,910,973	3,626,000	3,608,000	1,256,000	-	-	-	13,464,150
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	101,594	(101,594)	-	-	-	-	-	-	-
Contingency	240,810	2,007	238,803	40,000	37,000	11,000	-	-	-	328,810
Total	6,000,000	2,651,792	3,348,208	4,000,000	3,950,000	1,355,000	-	-	-	15,305,000

Project Name: 1002242 Countywide Security Systems & Equipment				Funding Start: 2015				
Major Program: Operations				Funding Completion: 2021				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	6,000,000	4,000,000	3,950,000	1,355,000	-	-	-	15,305,000
Administrator Proposed	6,000,000	4,000,000	3,950,000	1,355,000	-	-	-	15,305,000
CBTF Recommended	6,000,000	4,000,000	3,950,000	1,355,000	-	-	-	15,305,000
Board Approved Final	6,000,000	4,000,000	3,950,000	1,355,000	-	-	-	15,305,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Project Updates:				"Budget to Date" includes \$400,000 of County Program Aid which is categorized as a "State" funding source. County Program Aid is a general purpose state aid and is used by the county as an off-set to county levied Property Taxes.				
<ul style="list-style-type: none"> • First 8-10 buildings will be bid in the Summer of 2018, with the rest of the sites to be bid out in 4 additional groups between 2019 and 2020 • The new Video Management System was procured in 2018 implementation has begun • Procurement of the Security Systems Management Platform is underway and is expected to be complete by the end of 2018 • The Government Center Intrusion and Duress alarm system has been updated to provide better management • A Security Device Monitoring solution has been implemented • Prior appropriations will be depleted once all items are procured in 2018. 				2018-2019 Planned Work (\$7,350,000): Camera Upgrades (\$4m), VMS Upgrades (\$1.75m), Access controls (\$500k), Integration System (\$750k), Intrusion & Duress System (\$200k), HCGC Keypads (\$150k)				
Scoping: N/A Design: N/A Procurement: N/A Construction: N/A Completion: N/A				This project is made up of the following components and costs:				
				<ul style="list-style-type: none"> • Camera Upgrades - \$8 million • Video Management System - \$3.5 million • Access Control - \$1.5 million • Integraton System - \$1 million • Intrusion & Duress System - \$600,000 • HCGC Keypad Replacement - \$150,000 				
Project's Effect on Annual Operating Budget:								
It is expected that this project will significantly off-set growing personnel costs that would be required in Facility Services operating budget if these systems continue to be managed as they are. Additionally, these systems will be developed to leverage existing county resources for support and depend less on vendor services. While soft costs are not as easily discernable, it is expected that the department support features will reduce administration labor for all departments.								
Annual Impact for Requesting Department: -150,000								
Annual Impact for all other Depts: 0								
Total -150,000								
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: the 2019-2023 estimate has increased \$600,000 over the 2018-2022 estimate as the scope now includes the replacement of all of the x-ray machines at county weapons screening locations.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	6,000,000	-	2,000,000	2,000,000	2,000,000	2,000,000	1,054,000	15,054,000
Administrator Proposed	6,000,000	-	2,000,000	2,000,000	2,000,000	2,000,000	1,054,000	15,054,000
CBTF Recommended	6,000,000	-	2,000,000	2,000,000	2,000,000	2,000,000	1,054,000	15,054,000
Board Approved Final	6,000,000	-	2,000,000	2,000,000	2,000,000	1,650,000	1,054,000	14,704,000

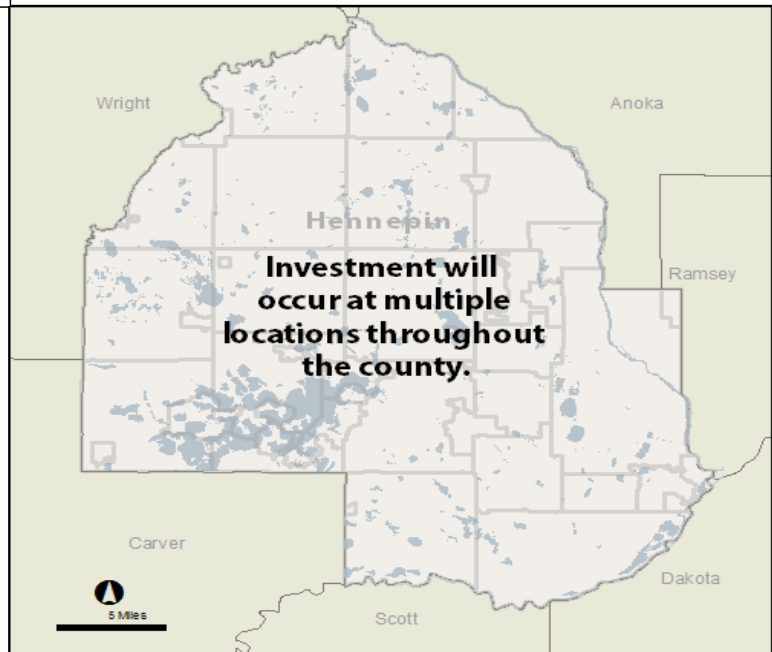
Project Name: 1002156 Accessibility Modifications 2016-2020
Major Program: Operations
Department: Facility Services

Funding Start: 2016
Funding Completion: 2020

Summary:
 This project addresses accessibility needs throughout all County buildings.

Purpose & Description:
 Hennepin County is responsible for ensuring that its programs and facilities are accessible to persons with disabilities. The Americans with Disabilities Act (ADA) which addresses handicapped accessibility, has now been incorporated into the State of Minnesota Building Code and portions of the work that will be implemented under the scope of this project are not only "code compliance" but also designed to reduce participation disparities experienced by people with disabilities. The ADA requires Hennepin County to improve access to the workplace and County programs for persons with disabilities. Over the past several years, a number of accessibility issues have been identified at the various county facilities requiring modifications in toilet rooms and other changes at these sites. There is an ongoing need for funding to address accessibility issues and ensure "equal opportunity" for people with disabilities.

This project would guarantee that these issues would be addressed in a timely and responsible manner. Annually, facility reviews are conducted at a select number of Hennepin county locations to specifically identify any ADA issues. This project will address any issues found in these reviews as well as others that are not identified through the review process as Hennepin County would be at legal risk if it failed to do so. There is a need to provide ongoing funding to cover unanticipated employee/public accommodations. These are either items not identified by the original surveys or new requests. Funding would be on a yearly basis contingent upon depletion of the previous year's funding.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	195,000	195,000	-	50,000	50,000	-	-	-	-	295,000
Bonds - GO	195,000	103,242	91,758	200,000	200,000	-	-	-	-	595,000
Total	390,000	298,242	91,758	250,000	250,000	-	-	-	-	890,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	311,500	281,768	29,732	195,000	195,000	-	-	-	-	701,500
Consulting	36,500	59,500	(23,000)	30,000	30,000	-	-	-	-	96,500
Equipment	13,500	8,490	5,010	-	-	-	-	-	-	13,500
Furnishings	-	4,443	(4,443)	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	28,500	-	28,500	25,000	25,000	-	-	-	-	78,500
Total	390,000	354,202	35,798	250,000	250,000	-	-	-	-	890,000

Project Name: 1002156 Accessibility Modifications 2016-2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	390,000	450,000	450,000	-	-	-	-	1,290,000
Administrator Proposed	390,000	250,000	250,000	-	-	-	-	890,000
CBTF Recommended	390,000	250,000	250,000	-	-	-	-	890,000
Board Approved Final	390,000	250,000	250,000	-	-	-	-	890,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>The intent of this project is to address accessibility issues as identified through site reviews for compliance with applicable state and federal, codes, laws and design guidelines pertaining to accessibility for persons with disabilities, complaints or as requested by specific individuals as a reasonable accommodation.</p> <p>Examples of work would include:</p> <ul style="list-style-type: none"> • consulting fees for site reviews to identify areas of improvement • modifications to provide compliant accessible routes of egress and parking • toilet room modifications • employee specific assistive listening modifications • power-assisted door openers to meet employee-specific needs identified by MN Certified Accessibility Specialists, physicians or other qualified health/ergonomic experts. <p>Work is prioritized by reasonable accommodations, complaints and issues identified during site reviews. Facility Services will first target owned facilities with an emphasis on Priority 1 and 2 items as well as parking, routes of egress, restrooms, signage and electronic door assists.</p> <p>In 2018, County Administration has made a commitment to disparity reduction for its residents. Capital funding through this project will help address needs for persons with disabilities seek services they need by helping eliminate barriers.</p>				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
Increases to program's operating budget may need to cover some accessibility accommodations.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: The 2019-2023 estimate has decreased by \$300,000 over the 2018-2022 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	290,000	200,000	200,000	200,000	200,000	200,000	-	1,290,000
Administrator Proposed	290,000	100,000	200,000	200,000	200,000	200,000	-	1,190,000
CBTF Recommended	290,000	100,000	200,000	200,000	200,000	200,000	-	1,190,000
Board Approved Final	290,000	100,000	200,000	200,000	200,000	200,000	-	1,190,000

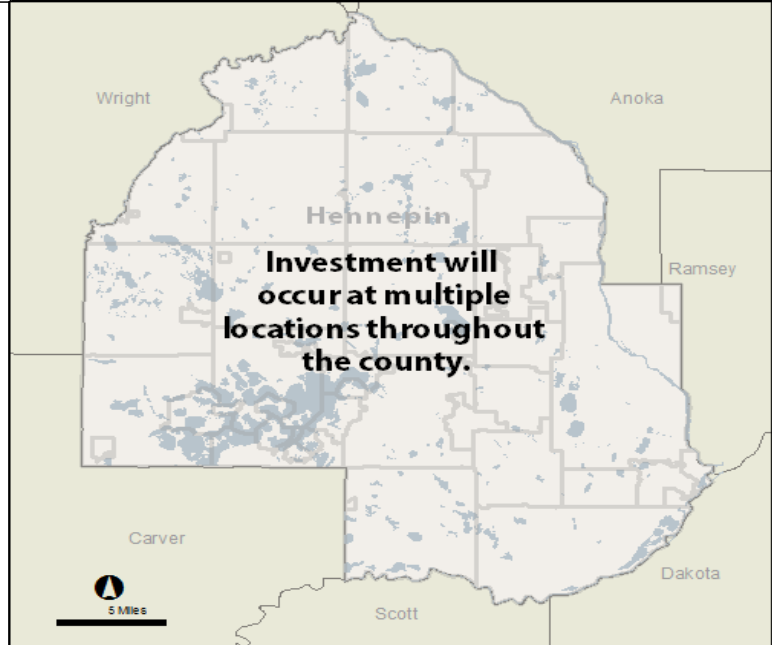
Project Name: 1006401 Accessibility Modifications 2021-2025
Major Program: Operations
Department: Facility Services

Funding Start: 2021
Funding Completion: 2025

Summary:
 This project addresses accessibility needs throughout all County buildings.

Purpose & Description:
 Hennepin County is responsible for ensuring that its programs and facilities are accessible to persons with disabilities. The Americans with Disabilities Act (ADA) which addresses handicapped accessibility, has now been incorporated into the State of Minnesota Building Code and portions of the work that will be implemented under the scope of this project are not only "code compliance" but also designed to reduce participation disparities experienced by people with disabilities. The ADA requires Hennepin County to improve access to the workplace and County programs for persons with disabilities. Over the past several years, a number of accessibility issues have been identified at the various county facilities requiring modifications in toilet rooms and other changes at these sites. There is an ongoing need for funding to address accessibility issues and ensure "equal opportunity" for people with disabilities.

This project would guarantee that these issues would be addressed in a timely and responsible manner. Annually, facility reviews are conducted at a select number of Hennepin county locations to specifically identify any ADA issues. This project will address any issues found in these reviews as well as others that are not identified through the review process as Hennepin County would be at legal risk if it failed to do so. There is a need to provide ongoing funding to cover unanticipated employee/public accommodations. These are either items not identified by the original surveys or new requests. Funding would be on a yearly basis contingent upon depletion of the previous year's funding.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	-	-	-	-	-	100,000	100,000	100,000	-	300,000
Bonds - GO	-	-	-	-	-	350,000	350,000	350,000	-	1,050,000
Total	-	-	-	-	-	450,000	450,000	450,000	-	1,350,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	345,000	345,000	345,000	-	1,035,000
Consulting	-	-	-	-	-	30,000	30,000	30,000	-	90,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	75,000	75,000	75,000	-	225,000
Total	-	-	-	-	-	450,000	450,000	450,000	-	1,350,000

Project Name: 1006401 Accessibility Modifications 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	450,000	450,000	450,000	-	1,350,000
Administrator Proposed	-	-	-	450,000	450,000	450,000	-	1,350,000
CBTF Recommended	-	-	-	450,000	450,000	450,000	-	1,350,000
Board Approved Final	-	-	-	450,000	450,000	450,000	-	1,350,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				This project is preceded by the Accessibility Modifications 2016-2020 (1002156) project.				
Design: N/A				The intent of this project is to address accessibility issues as identified through site reviews for compliance with applicable state and federal, codes, laws and design guidelines pertaining to accessibility for persons with disabilities, complaints or as requested by specific individuals as a reasonable accommodation.				
Procurement: N/A				Examples of work would include:				
Construction: N/A				<ul style="list-style-type: none"> consulting fees for site reviews to identify areas of improvement modifications to provide compliant accessible routes of egress and parking toilet room modifications employee specific assistive listening modifications power-assisted door openers to meet employee-specific needs identified by MN Certified Accessibility Specialists, physicians or other qualified health/ergonomic experts. 				
Completion: N/A				Work is prioritized by reasonable accommodations, complaints and issues identified during site reviews. Facility Services will first target owned facilities with an emphasis on Priority 1 and 2 items as well as parking, routes of egress, restrooms, signage and electronic door assists.				
Project's Effect on Annual Operating Budget:				In 2018, County Administration has made a commitment to disparity reduction for its residents. Capital funding through this project will help address needs for persons with disabilities seek services they need by helping eliminate barriers.				
Increases to program's operating budget may need to cover some accessibility								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1002158 Carpet Replacement Program 2016-2020

Major Program: Operations

Department: Facility Services

Funding Start: 2016

Funding Completion: 2020

Summary:

This project provides for cyclical carpet replacement in various County buildings.

Purpose & Description:

When new buildings are constructed, or major remodeling takes place in existing buildings, carpet is always funded through the capital project. Replacement carpet, however, with a projected life of close to 15 years based on normal use, should be considered a capital expenditure. While carpet is an essential part of a building's infrastructure and the occupants' expectations for good, clean carpeting remain constant, funding for replacement through the maintenance budget is impossible to secure in the face of competition from the County's numerous core programmatic needs.

Use of carpet tile has provided for a more flexible, expedient and cost effective solution for management of floor coverings in County buildings. Property Services has already witnessed firsthand that carpet tiles have exceeded the Building Owners and Managers Association (BOMA) recommended 7-10 year cycle for broadloom carpet and that carpet tile may exceed their own anticipated 15-year life span.

With broadloom carpet, replacement was dictated by wear in high-traffic areas rather than when the overall carpet was worn. With the use of carpet tiles, targeted areas can be replaced without having to replace an entire room or floor. Carpet tiles in construction areas have been "lifted", cleaned, and reinstalled after construction in those areas eliminating the need to replace carpeting that may not have reached end of life. In addition, carpet tiles give users the ability to replace carpet without major relocation of staff, resulting in cost savings and less disruption to staff during replacement.

Furthermore, by standardizing carpet selections across buildings we have been able to minimize the extent of "attic stock" needed for each building



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	300,000	300,000	-	280,000	200,000	-	-	-	-	780,000
Bonds - GO	1,935,000	1,331,866	603,134	-	-	-	-	-	-	1,935,000
Total	2,235,000	1,631,866	603,134	280,000	200,000	-	-	-	-	2,715,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	2,130,000	1,746,872	383,128	280,000	200,000	-	-	-	-	2,610,000
Consulting	45,000	25,159	19,841	-	-	-	-	-	-	45,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	83,538	(83,538)	-	-	-	-	-	-	-
Contingency	60,000	-	60,000	-	-	-	-	-	-	60,000
Total	2,235,000	1,855,569	379,431	280,000	200,000	-	-	-	-	2,715,000

Project Name: 1002158 Carpet Replacement Program 2016-2020				Funding Start: 2016				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	2,235,000	280,000	200,000	-	-	-	-	2,715,000
Administrator Proposed	2,235,000	280,000	200,000	-	-	-	-	2,715,000
CBTF Recommended	2,235,000	280,000	200,000	-	-	-	-	2,715,000
Board Approved Final	2,235,000	280,000	200,000	-	-	-	-	2,715,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				Work completed in 2017 (\$1,172,000):				
Design: N/A				<ul style="list-style-type: none"> Government Center (2 floors) - \$280,000 Public Safety Facility - \$445,000 Libraries (Central, Edina, Hosmer, North Regional) - \$545,000 				
Procurement: N/A				Work to be completed in 2018 (\$571,000):				
Construction: N/A				<ul style="list-style-type: none"> Government Center (A-Level Central Services and DASC) - \$200,000 Libraries (Franklin*, Penn Lake, Augsburg Park repairs) - \$131,000 Brookdale non-library areas - \$160,000 Midtown Service Center - 80,000 				
Completion: N/A				Work planned for 2019 (\$280,000):				
Project's Effect on Annual Operating Budget:				<ul style="list-style-type: none"> Sheriff's Water Patrol - \$40,000 Northpoint (Areas that aren't being remodeled) - \$85,000 Other areas to be determined (\$155,000) 				
None.				Work anticipated in 2020-2023 are placeholders until a need is defined (\$200,000/yr.)				
Annual Impact for Requesting Department: 0				*The carpet replacement at Franklin Library will be removed from this project if the Library Facility Modifications 2016-2020 project (#1002167) is included in the Library's CIP request.				
Annual Impact for all other Depts: 0				In general, the range of price for carpet replacement is between \$7.25/SF to \$7.75/SF. This price can include any number of the following items and is dependant upon each area needing carpeting.				
Total 0				<ul style="list-style-type: none"> Moving of existing furniture; Removal and disposal of old carpeting; Removal of old adhesive if it will react with new adhesive (they may also encapsulate it); Floor prep or leveling of exiting floor; New adhesive; Installation of new carpeting; Moving furniture back into place; and Purchase of additional attic stock material (can range from 5% to 30% depending on the facility) 				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
The 2019-2022 estimate has decreased \$440,000 from the 2018-2021 estimate as future funding for years 2021-2023 have been moved in to a new capital project to allow this project to be sunset and closed.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	1,655,000	580,000	280,000	280,000	280,000	280,000	-	3,355,000
Administrator Proposed	1,655,000	580,000	280,000	280,000	280,000	280,000	-	3,355,000
CBTF Recommended	1,655,000	580,000	280,000	280,000	280,000	280,000	-	3,355,000
Board Approved Final	1,655,000	580,000	280,000	280,000	180,000	180,000	-	3,155,000

Project Name: 1006399 Carpet Replacement Program 2021-2025
Major Program: Operations
Department: Facility Services

Funding Start: 2021
Funding Completion: 2025

Summary:

This project provides for cyclical carpet replacement in various County buildings.

Purpose & Description:

When new buildings are constructed, or major remodeling takes place in existing buildings, carpet is always funded through the capital project. Replacement carpet, however, with a projected life of close to 15 years based on normal use, should be considered a capital expenditure. While carpet is an essential part of a building's infrastructure and the occupants' expectations for good, clean carpeting remain constant, funding for replacement through the maintenance budget is impossible to secure in the face of competition from the County's numerous core programmatic needs.

Use of carpet tile has provided for a more flexible, expedient and cost effective solution for management of floor coverings in County buildings. Property Services has already witnessed firsthand that carpet tiles have exceeded the Building Owners and Managers Association (BOMA) recommended 7-10 year cycle for broadloom carpet and that carpet tile may exceed their own anticipated 15-year life span.

With broadloom carpet, replacement was dictated by wear in high-traffic areas rather than when the overall carpet was worn. With the use of carpet tiles, targeted areas can be replaced without having to replace an entire room or floor. Carpet tiles in construction areas have been "lifted", cleaned, and reinstalled after construction in those areas eliminating the need to replace carpeting that may not have reached end of life. In addition, carpet tiles give users the ability to replace carpet without major relocation of staff, resulting in cost savings and less disruption to staff during replacement.

Furthermore, by standardizing carpet selections across buildings we have been able to minimize the extent of "attic stock" needed for each building



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	-	-	-	-	-	200,000	200,000	200,000	-	600,000
Total	-	-	-	-	-	200,000	200,000	200,000	-	600,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	200,000	200,000	200,000	-	600,000
Consulting	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	200,000	200,000	200,000	-	600,000

Project Name: 1006399 Carpet Replacement Program 2021-2025				Funding Start: 2021				
Major Program: Operations				Funding Completion: 2025				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	-	200,000	200,000	200,000	-	600,000
Administrator Proposed	-	-	-	200,000	200,000	200,000	-	600,000
CBTF Recommended	-	-	-	200,000	200,000	200,000	-	600,000
Board Approved Final	-	-	-	200,000	200,000	200,000	-	600,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				<p>This project is preceded by the Carpet Replacement Program 2016-2020 (#1002158) capital project.</p> <p>Work anticipated in 2020-2023 are placeholders until a need is defined (\$200,000/yr.)</p> <p>In general, the range of price for carpet replacement is between \$7.25/SF to \$7.75/SF. This price can include any number of the following items and is dependant upon each area needing carpeting.</p> <ul style="list-style-type: none"> • Moving of existing furniture; • Removal and disposal of old carpeting; • Removal of old adhesive if it will react with new adhesive (they may also encapsulate it); • Floor prep or leveling of exiting floor; • New adhesive; • Installation of new carpeting; • Moving furniture back into place; and • Purchase of additional attic stock material (can range from 5% to 30% depending on the facility) 				
Design: N/A								
Procurement: N/A								
Construction: N/A								
Completion: N/A								
Project's Effect on Annual Operating Budget:								
None.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1006382 City Hall/Courthouse 3rd Floor Space Modifications
Major Program: Operations
Department: Facility Services

Funding Start: 2019
Funding Completion: 2020

Summary:
 This project will remodel approximately 8,500 SF the vacated District Court Conciliation Court space on the third floor of City Hall for use by the Sheriff's Office.

Purpose & Description:
 As part of a broader security initiative started in 2013, the final relocation of a District Court program, namely Conciliation Court, into a secure environment at the Government Center is scheduled for the 2nd quarter of 2019. Conciliation Court occupies approximately 8,500 SF on the east side of the Third Floor at City Hall. This project is planned to re-purpose the vacated courts space to meet existing Sheriff's Office space needs in support of Adult Detention Center operations as well as general office space needs.

City Hall currently accommodates programs from the County's Sheriff's Office and District Court's Conciliation Court. The Sheriff's Office occupies approximately 142,000 SF in the facility. The Sheriff's Office has Administrative office space in the building and manages the Hennepin County Adult Detention Center located within the facility. The City of Minneapolis also occupies space for a variety of City functions. The occupancy split is approximately 40% County and 60% City of Minneapolis.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	250,000	2,750,000	-	-	-	-	3,000,000
Total	-	-	-	250,000	2,750,000	-	-	-	-	3,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	2,145,000	-	-	-	-	2,145,000
Consulting	-	-	-	204,000	51,000	-	-	-	-	255,000
Equipment	-	-	-	-	144,000	-	-	-	-	144,000
Furnishings	-	-	-	-	230,000	-	-	-	-	230,000
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	46,000	180,000	-	-	-	-	226,000
Total	-	-	-	250,000	2,750,000	-	-	-	-	3,000,000

Project Name: 1006382 City Hall/Courthouse 3rd Floor Space Modifications				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2020				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	250,000	2,750,000	-	-	-	-	3,000,000
Administrator Proposed	-	250,000	2,750,000	-	-	-	-	3,000,000
CBTF Recommended	-	250,000	2,750,000	-	-	-	-	3,000,000
Board Approved Final	-	250,000	2,750,000	-	-	-	-	3,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2018				Occupancy breakdown in building for County (Sheriff Ground Level split between office and intake/holding; 4th and 5th Floor Jail (122,000 SF); Basement Space; Conciliation Court (10,000 SF) on 3rd. Conciliation Court will most likely relocate to their new space in the Government Center in 3rd quarter 2019.				
Design: 3rd Qtr 2019								
Procurement: 1st Qtr 2020								
Construction: 2nd Qtr 2020								
Completion: 4th Qtr 2020								
Project's Effect on Annual Operating Budget:								
To be determined.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: This is a new project request. This is an order of magnitude estimate based on a high level project scoping effort with a consultant, professional cost estimator and internal project team. Costs most likely will be revised upward or downward upon completion of a more detailed scoping effort and a forensic review of existing facility conditions.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

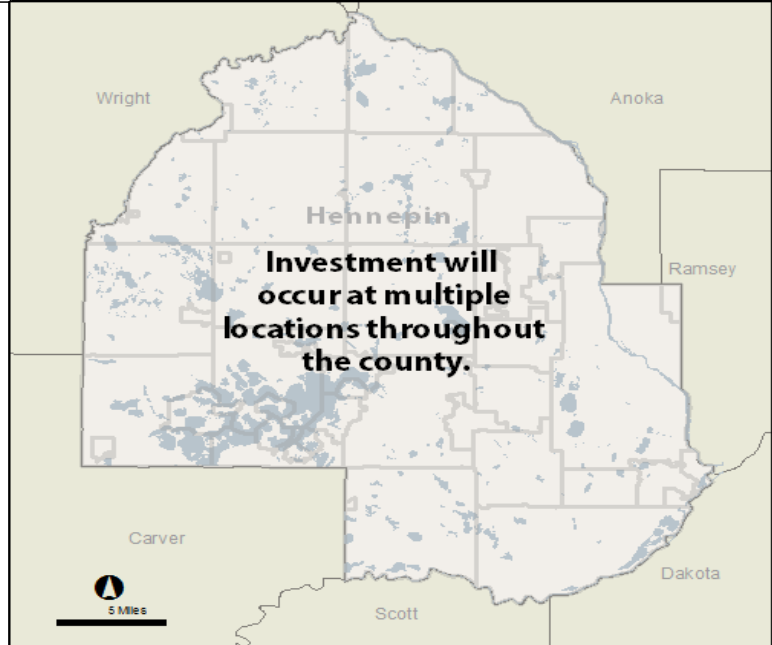
Project Name: 1006554 County-wide Mother's Room Refurbishments
Major Program: Operations
Department: Facility Services

Funding Start: 2019
Funding Completion: 2023

Summary:
 This project will refurbish existing mother's rooms located throughout the county to make them more consistent in appearance and functionality.

Purpose & Description:
 Hennepin County Facility Services operates and manages over 130 owned and leased facilities that encompass over 6.4 million square feet. Within that space the county currently has thirty-three (33) mother's rooms in use. A mother's room is a secure, private space where a nursing mother can use a breast pump. The current condition of these mother's rooms varies widely in the condition and functionality of the space.

This project will systematically refurbish all existing mother's rooms to make them more consistent in appearance and functionality, the rooms will be more uniform in design and they will include a sink, a small refrigerator, and a work surface, where accessible and available.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	100,000	150,000	200,000	250,000	300,000	-	1,000,000
Total	-	-	-	100,000	150,000	200,000	250,000	300,000	-	1,000,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Consulting	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	100,000	150,000	200,000	250,000	300,000	-	1,000,000
Total	-	-	-	100,000	150,000	200,000	250,000	300,000	-	1,000,000

Project Name: 1006554 County-wide Mother's Room Refurbishments				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2023				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	300,000	300,000	300,000	300,000	300,000	-	1,500,000
Administrator Proposed	-	100,000	150,000	200,000	250,000	300,000	-	1,000,000
CBTF Recommended	-	100,000	150,000	200,000	250,000	300,000	-	1,000,000
Board Approved Final	-	100,000	150,000	200,000	250,000	300,000	-	1,000,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: TBD								
Design: TBD								
Procurement: TBD								
Construction: TBD								
Completion: TBD								
Project's Effect on Annual Operating Budget:								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
Changes from Prior CIP: This is a new project request.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1004483 Downtown Office Space Expansion
Major Program: Operations
Department: Facility Services

Funding Start: 2017
Funding Completion: 2018

Summary:

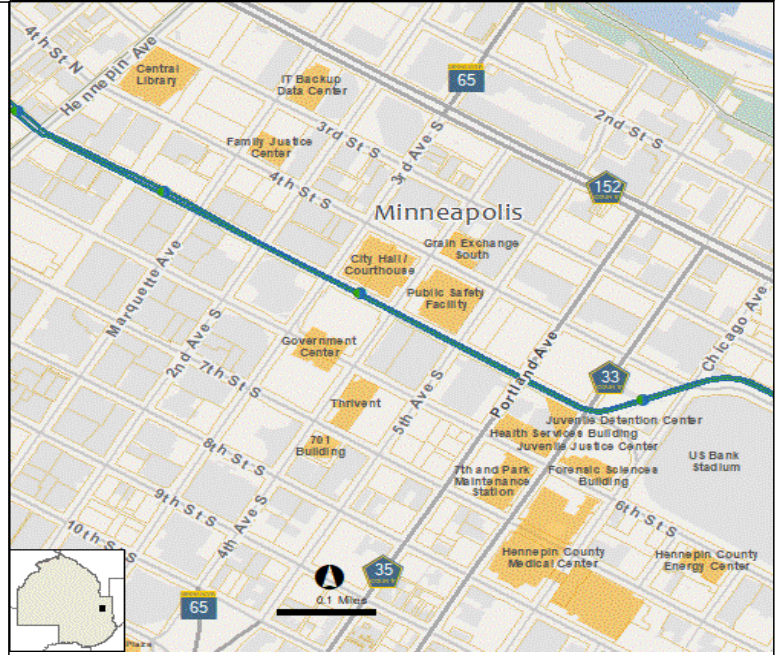
This project provides for the acquisition of the Thrivent Building, acquisition of 332 parking stalls within the new Interstate Parking development planned for the site adjacent to the eastside of the Thrivent Building, funding for a future skyway connection from the future new Thrivent headquarters to the Hennepin County Medical Center and for an in-depth study of the County's current office space utilization, and projected needs, in the downtown and near-downtown areas of Minneapolis.

Purpose & Description:

This project provides for the acquisition of the Thrivent Financial for Lutherans Building located at 625 4th Avenue South in the City of Minneapolis. The acquisition of the Thrivent Building meets identified needs of the County, provides for the consolidation of County functions, permits the vacating of space leased by the County and enables certain County real estate to be vacated and declared surplus. This purchase would strategically address the county's long term space needs, allow for consolidation of operations, the sale of county properties and a reduction of leasehold interests.

This project also includes the acquisition of 332 parking stalls and related spaces (skyway connections and pedestrian circulation) within the new Interstate Parking development to be constructed on the half block, surface parking lot immediately east of the Thrivent Building (fronting onto 6th St S, 5th Ave S and 7th St. S). The County parking stalls will support operations at the Thrivent Building, provide for County related parking that will be lost with the demolition and redevelopment of the parking ramp on the corner of 4th Ave S and 5th St. S, and permit the repositioning of the parking facility at the Government Center. This project also provides funding for a future skyway connection from the future new Thrivent headquarters planned on the block directly east of the Thrivent Building to the Hennepin County Medical Center.

Additionally, this project will provide for an in-depth study that will yield crucial information regarding corrective measures for current downtown office and parking space shortfalls and accommodate future growth. The County's continued staff growth within the 6 lines of Business / 34 departments, namely extensive growth in HSPHD and continued incremental growth in all large departments (IT, Corrections, County Attorney, etc.) have created pressure on the county's facilities to make space accommodations. This study will assist the County in making critical space management decisions.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	250,000	250,000	-	-	-	-	-	-	-	250,000
Bonds - GO	71,000,000	59,582,699	11,417,301	-	-	-	-	-	-	71,000,000
Lease Revenues	-	1,583,333	(1,583,333)	-	-	-	-	-	-	-
Total	71,250,000	61,416,033	9,833,967	-	-	-	-	-	-	71,250,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	66,097,510	(66,097,510)	-	-	-	-	-	-	-
Construction	-	-	-	-	-	-	-	-	-	-
Consulting	-	175,707	(175,707)	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	71,250,000	-	71,250,000	-	-	-	-	-	-	71,250,000
Total	71,250,000	66,273,216	4,976,784	-	-	-	-	-	-	71,250,000

Project Name: 1004483 Downtown Office Space Expansion				Funding Start: 2017				
Major Program: Operations				Funding Completion: 2018				
Department: Facility Services								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	71,250,000	-	-	-	-	-	-	71,250,000
Administrator Proposed	71,250,000	-	-	-	-	-	-	71,250,000
CBTF Recommended	71,250,000	-	-	-	-	-	-	71,250,000
Board Approved Final	71,250,000	-	-	-	-	-	-	71,250,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: N/A				Resolution 14-0346 (9/12/2017):				
Design: N/A				Authorization to purchase Thrivent Financial Bldg at 625 4th Avenue South; Authorization to enter into agreement with Interstate Parking Co for acquisition of parking and related spaces within a development on the half block immediately east of the Thrivent Bldg;				
Procurement: N/A				Thrivent Building Acquisition Details:				
Construction: N/A				Built in 1981, the Thrivent Building is a 525,000 gross square foot (475,000 usable square foot), 18 story office building. The negotiated purchase price of the Thrivent Building is \$55,000,000. Using the replacement valuation methodology, the cost of the acquisition of the Thrivent Building is \$105 per gross square foot as compared with the cost of new construction of \$325 per gross square foot				
Completion: N/A				Interstate Parking Development Details:				
Project's Effect on Annual Operating Budget:				Under an agreement that has been entered into between Interstate and Thrivent for the purchase of the land on which Interstate's development is to be placed, Interstate is proposing a mixed use development on the property consisting of street related retail, 87 housing units, and approximately 750 parking spaces located in a facility with one level of underground and seven and one half levels of above ground parking. Of the 750 parking spaces, Hennepin County has agreed to pay \$11,500,000 for the rights to 332 parking stalls (approx. \$31,500 per stall).				
To be determined.				Skyway Connection Details:				
Annual Impact for Requesting Department: 0				With development of the blocks east of the current Thrivent Building funds will go towards a skyway connection along the south side of 6th Street S between the new Thrivent Headquarters Building and the HCMC Parking ramp. This connection will allow HCMC, Health Services Building and Juvenile Courts to be connected to the Downtown skyway system. Estimated cost is approx. \$4,200,000.				
Annual Impact for all other Depts: 0				Office Facility Study:				
Total 0				The consulting firm, Gensler, was selected to assist the County in its Office Facility Space study. The study will consist of the following tasks:				
Environmental Impacts and Initiatives:				<ol style="list-style-type: none"> 1. Reviewing the County's current space utilization in downtown buildings, owned and leased; 2. Analyzing the suitability (amount and quality) of this space in accommodating County operations; 3. Projecting the downtown space needs of departments over the near, intermediate and long-term (based on interviews with County staff and guidelines from County Administration); 4. Comparing projections with the amount of downtown space currently occupied by the County; 5. Conduct a public parking needs and availability study in relation to existing and future county operations; 6. Developing options to accommodate the County's projected space requirements in an efficient manner; 7. Conducting a cost-benefit analysis of, and prioritizing, the options for County consideration 				
Changes from Prior CIP:								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 0031317 MBC Life/Safety Improvements
Major Program: Operations
Department: Municipal Building Commission

Funding Start: 1995
Funding Completion: 2023

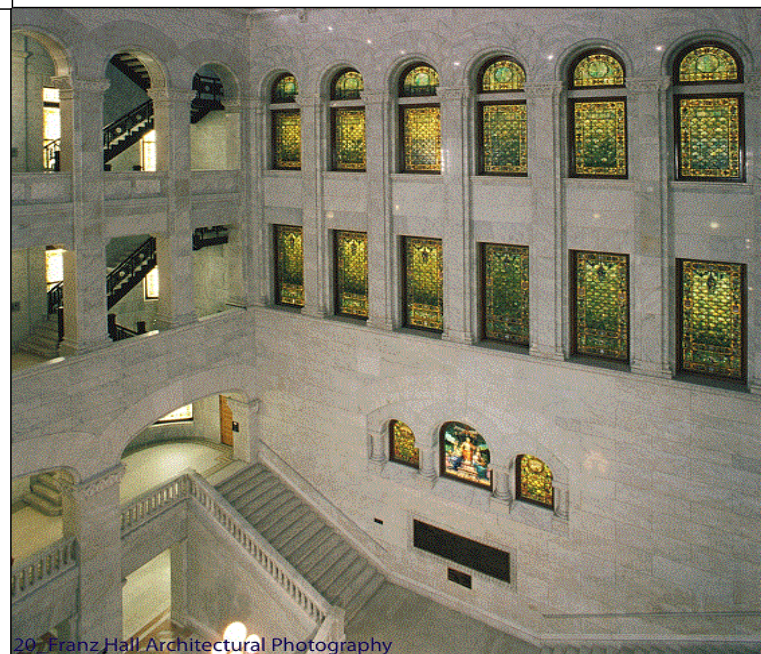
Summary:

This project, located at the City Hall / Courthouse, at 350 S 5th Street in Minneapolis, Minnesota, consists of 23 stages and will upgrade and improve the infrastructure of the facility so that it abides by International and Minnesota Building Code for high rise office buildings and incorporates newly adopted code changes and State Amendments.

Purpose & Description:

Life/Safety improvements reduce the potential for property, and human loss by fire. A serious fire would have a substantial adverse effect on the public services provided by City and County departments located in the building. The proposed additional work as outlined in the 2011 Summit Fire and the 2016 Michaud Cooley Erickson Consulting reports will complement the Life Safety work planned for the remaining stages. In 2011 Summit Fire Consulting prepared an updated life safety study in follow up to the 1989 study. In 2016, Michaud Cooley Erickson provided a Life Safety Investigation Report, Schematic Design and Cost Estimate in follow-up to the 2011 study. The reports were prepared in cooperation with the City of Minneapolis Inspections and Fire Departments.

The remaining Life Safety work inside the boundaries of futures stages (including stages 15, 19, 20, 21, 22 and 23) will be simultaneously completed with the MBC Mechanical Systems Upgrade (0031483) project to gain economies of scale.



20 - Franz Hall Architectural Photography

REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	767,000	324,092	442,908	-	-	-	-	-	-	767,000
Bonds - GO	4,667,000	1,908,758	2,758,242	-	120,226	92,056	103,377	74,008	-	5,056,667
Other	-	2,219,518	(2,219,518)	-	-	-	-	-	-	-
Total	5,434,000	4,452,368	981,632	-	120,226	92,056	103,377	74,008	-	5,823,667
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	1,165,153	(1,165,153)	-	-	-	-	-	-	-
Construction	4,257,000	1,792,932	2,464,068	-	101,102	73,265	84,151	58,500	-	4,574,018
Consulting	601,000	66,600	534,400	-	14,500	15,250	15,250	12,662	-	658,662
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	1,436,349	(1,436,349)	-	-	-	-	-	-	-
Contingency	576,000	-	576,000	-	4,624	3,541	3,976	2,846	-	590,987
Total	5,434,000	4,461,034	972,966	-	120,226	92,056	103,377	74,008	-	5,823,667

Project Name: 0031317 MBC Life/Safety Improvements				Funding Start: 1995				
Major Program: Operations				Funding Completion: 2023				
Department: Municipal Building Commission								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	5,434,000	-	120,226	92,056	103,377	74,008	-	5,823,667
Administrator Proposed	5,434,000	-	120,226	92,056	103,377	74,008	-	5,823,667
CBTF Recommended	5,434,000	-	120,226	92,056	103,377	74,008	-	5,823,667
Board Approved Final	5,434,000	-	120,226	92,056	103,377	74,008	-	5,823,667
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
<p>Anticipated schedule for the remaining four Mechanical/Life Safety (MLS) Stages (Stages 15, 19, 20, and 21):</p> <ul style="list-style-type: none"> Investigatory Design for fireproofing, sprinkler system, fire alarm, and hazardous materials - 2019 Design, Bidding, Procurement for next MLS Stage(s)- 2020 Construction for next MLS Stage(s) - 2021/2022 Design for future MLS Stage(s) - 2021 Bidding and Procurement for future MLS Stage(s) - 2022 Construction for future MLS Stage(s) - 2022/2023 <p>Scoping: N/A Design: N/A Procurement: N/A Construction: N/A Completion: N/A</p>				<ul style="list-style-type: none"> Total project costs are shared 50/50 with the City of Minneapolis All improvements to County occupied spaces have been completed. The remaining four stages involve City of Minneapolis space. Scheduling of the remaining Life Safety and Mechanical stage-work (Stages 15, 19, 20, and 21) will be determined in collaboration with the City. Since 1987, the Municipal Building Commission (MBC) has made several life/safety upgrades and improvements to the City Hall/Courthouse building. Completed installations include additional sprinkler and fire alarm systems to 85% of the building, a ground floor life safety command center, and an emergency generator for life safety power distribution to all critical areas of the building. Remaining installations will be completed as funding becomes available and remodeling commences. In general, sprinkler, fire alarm, smoke detector, public address system, fire proofing upgrades and asbestos abatement will be completed simultaneously with the MBC Mechanical Systems Upgrade Project (#0031483). This request is based on the following consultant reports: 1) 2011 Summit Fire Consulting Life Safety Study; and 2) 2016 Michaud Cooley Erickson Life Safety Investigation Report and Schematic Design with Cost Estimate The MBC proposed additional work for 2017-2019 that would address life safety concerns as described in the 2016 Michaud Cooley Erickson Life Safety Investigation Report and Schematic Design. The additional work includes: smoke barriers in the rotunda, 5th street lobbies and ADC; addressing accessibility issues on the east side of the Mezzanine; adding fire sprinkling in the rotunda gallery, corner shafts, attic and 4th Street and 5th Street Towers; adding exit signage; and adding attic occupant notification. Security upgrades would be included with the proposed smoke barriers at the Rotunda and 5th Street Lobbies to limit access to the east and west corridors in the event of an emergency. The MBC proposed that the new Life Safety work be broken down into 3 segments: A) 2018-2019 - Life Safety updates below the jail; B) 2019 - Life Safety updates in ADC and 4 shafts; and C) 2020 - Life Safety updates in the attic and two towers. \$1.5M from this project budget will be used in 2018 and 2019 to complete design for all items and construction for Phase A as described above. The remaining construction work will be completed under a new capital project entitled "MBC Safety Improvement Non-Stagework Areas (1006502)." 				
Project's Effect on Annual Operating Budget:								
It has been established that a fully sprinkled building would reduce the annual insurance premium by 30%, which equates to approximately \$12,000 in annual savings.								
Annual Impact for Requesting Department:				-12,000				
Annual Impact for all other Depts:				0				
Total				-12,000				
Environmental Impacts and Initiatives:								
To be determined								
Changes from Prior CIP:								
The 2019-2023 estimate has decreased \$890,333 from the 2018-2022 estimate to reflect the shift of the safety work in non-stage areas to a new and distinct project, and to accommodate a change in the projected completion of the final four stages of the project due to City space plans for City Hall.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	4,884,000	500,000	1,200,000	65,000	65,000	-	-	6,714,000
Administrator Proposed	4,884,000	500,000	1,200,000	65,000	65,000	-	-	6,714,000
CBTF Recommended	4,884,000	500,000	1,200,000	65,000	65,000	-	-	6,714,000
Board Approved Final	4,884,000	550,000	1,150,000	65,000	65,000	-	-	6,714,000

Project Name: 1006502 MBC Safety Improvements Non-stage Work Areas
Major Program: Operations
Department: Municipal Building Commission

Funding Start: 2019
Funding Completion: 2020

Summary:

This project will upgrade and improve the safety and security infrastructure of the City Hall/Courthouse facility so that it abides by International and Minnesota Building Code for high rise office buildings and incorporates recently adopted code changes and State Amendments.

Purpose & Description:

Life/Safety improvements reduce the potential for property and human loss by fire. A serious fire would have a substantial adverse effect on the public services provided by City and County departments located in the building, including police, fire, emergency communications (911), Adult Detention Center, and courts. The interruption of 911 services due to a fire in the building, for instance, could have citywide impact. Other important functions include offices for the Mayor, City Council, Finance Department and Public Works.

This project will address additional life safety concerns that not addressed in the current 23 stage Mechanical Systems Upgrades (0031483) and Life/Safety Improvements (0031317) capital projects. Items will include: adding smoke barriers in the rotunda, 5th street lobbies and ADC; adding fire sprinkling in the rotunda gallery, corner shafts, attic, and 4th and 5th Street Towers; adding exit signage; and adding attic occupant notification. Security upgrades would be included with the proposed smoke barriers at the Rotunda and 5th Street Lobbies to limit access to the east and west corridors in the event of an emergency.

Furthermore, additional life safety work related to accessibility issues on the East Mezzanine level will be addressed concurrently with Stages 20 and 21.

The additional work as outlined in the 2011 Summit Fire Consulting report complements the Life Safety work planned for the remaining stages. In 2011 Summit Fire Consulting prepared an updated life safety study in follow up to the 1989 study. This was prepared in cooperation with the City of Minneapolis Inspections and Fire Departments.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	1,033,000	2,704,545	-	-	-	-	3,737,545
Total	-	-	-	1,033,000	2,704,545	-	-	-	-	3,737,545
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	939,000	2,457,545	-	-	-	-	3,396,545
Consulting	-	-	-	54,000	143,000	-	-	-	-	197,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	40,000	104,000	-	-	-	-	144,000
Total	-	-	-	1,033,000	2,704,545	-	-	-	-	3,737,545

Project Name: 1006502 MBC Safety Improvements Non-stage Work Areas				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2020				
Department: Municipal Building Commission								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	1,604,153	2,133,392	-	-	-	-	3,737,545
Administrator Proposed	-	1,604,153	2,133,392	-	-	-	-	3,737,545
CBTF Recommended	-	1,604,153	2,133,392	-	-	-	-	3,737,545
Board Approved Final	-	1,033,000	2,704,545	-	-	-	-	3,737,545
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Design Development and Construction Drawings for all work: April September 2018				Total project costs are shared 50/50 with the City of Minneapolis				
Phase A Procurement: October - December 2018				Miller Dunwiddie and Associates has been awarded the design work for this project and has recently completed an update of the project scope and budget to help assure a comprehensive and current project budget.				
Phase A Construction: January - August 2019				The MBC Life/Safety Improvements (0031317) capital project has been used to bring Miller Dunwiddie on board for the design work and will be used to cover the construction costs for Phase A of the proposed work.				
Phase B Procurement: January April 2019				Items that are being spun out of the MBC Life/Safety Improvements (0031317) capital project include:				
Phase B Construction: May - December 2019				<ul style="list-style-type: none"> • adding smoke barriers in the rotunda, 5th street lobbies and ADC; • adding fire sprinkling in the rotunda gallery, corner shafts, attic, and 4th and 5th Street Towers; • adding exit signage; • adding attic occupant notification; • security upgrades in the associated areas; • and accessibility issues 				
Phase C Procurement: January - April 2020				RESOLUTION 18-0388R1 (12/11/2018): #21. That the 2019 Capital Budget be reduced by a net of \$4,680,353 in general obligation bonding, that year 2020 of the 2019 2023 Capital Improvement Program be increased by the same amount due to adjustments to the following projects: decrease 2019 and increase 2020 by \$571,153 for Municipal Building Commission Safety Improvements Non Stage work Areas (CP 1006502);				
Phase C Construction: May - December 2020								
Scoping: n/a								
Design: n/a								
Procurement: n/a								
Construction: n/a								
Completion: n/a								
Project's Effect on Annual Operating Budget:								
\$5,000 per year for additional testing								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
This is a new project request.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 0031483 MBC Mechanical Systems Upgrades
Major Program: Operations
Department: Municipal Building Commission

Funding Start: 1997
Funding Completion: 2023

Summary:
 This project, located at the City Hall / Courthouse, at 350 S 5th Street in Minneapolis, Minnesota, consists of 23 stages and will renovate and upgrade the heating, ventilating, and air conditioning (HVAC) systems.

Purpose & Description:
 In August 1989, on behalf of the Municipal Building Commission, the consulting firm of Hammel, Green and Abrahamson (HGA), Architects and Engineers, completed an evaluation of the existing HVAC building systems to determine adequacy with respect to current and projected building use. The evaluation determined that the renovation and upgrade of the building's HVAC systems, including energy management and temperature control was necessary on a building-wide basis.

The MBC HVAC program complies with the IAQ (indoor air quality) requirements and Energy Code requirements. In 2008, the intake air system design was modified from four Make-Up Air Units (MAU) to four Energy Recovery Units (ERU). This modification is an energy conservation improvement that will reduce chilled water and steam usage and reduce annual operating cost.

The MBC Mechanical Systems Upgrade and MBC Life/Safety Improvements (0031317) projects will be completed simultaneously to gain economies of scale and minimize disruption.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Property Tax	75,000	75,000	-	-	-	-	-	-	-	75,000
Bonds - GO	9,709,200	4,507,426	5,201,774	-	-	324,480	517,920	598,000	-	11,149,600
Other	-	4,735,092	(4,735,092)	-	-	-	-	-	-	-
Total	9,784,200	9,317,518	466,682	-	-	324,480	517,920	598,000	-	11,224,600
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	2,040,040	(2,040,040)	-	-	-	-	-	-	-
Construction	7,850,400	7,130,837	719,563	-	-	287,000	473,000	561,500	-	9,171,900
Consulting	812,100	128,276	683,824	-	-	25,000	25,000	13,500	-	875,600
Equipment	-	14,620	(14,620)	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	3,745	(3,745)	-	-	-	-	-	-	-
Contingency	1,121,700	-	1,121,700	-	-	12,480	19,920	23,000	-	1,177,100
Total	9,784,200	9,317,518	466,682	-	-	324,480	517,920	598,000	-	11,224,600

Project Name: 0031483 MBC Mechanical Systems Upgrades				Funding Start: 1997				
Major Program: Operations				Funding Completion: 2023				
Department: Municipal Building Commission								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	9,784,200	-	-	324,480	517,920	598,000	-	11,224,600
Administrator Proposed	9,784,200	-	-	324,480	517,920	598,000	-	11,224,600
CBTF Recommended	9,784,200	-	-	324,480	517,920	598,000	-	11,224,600
Board Approved Final	9,784,200	-	-	324,480	517,920	598,000	-	11,224,600
Scheduling Milestones (major phases only): Anticipated schedule for the remaining four Mechanical/Life Safety (MLS) Stages (Stages 15, 19, 20, and 21): <ul style="list-style-type: none"> Investigatory Design for fireproofing, sprinkler system, fire alarm, and hazardous materials - 2019 Design, Bidding, Procurement for next MLS Stage(s)- 2020 Construction for next MLS Stage(s) - 2021/2022 Design for future MLS Stage(s) - 2021 Bidding and Procurement for future MLS Stage(s) - 2022 Construction for future MLS Stage(s) - 2022/2023 Scoping: N/A Design: N/A Procurement: N/A Construction: N/A Completion: N/A				Board Resolutions / Supplemental Information: <ul style="list-style-type: none"> Total project costs are shared 50/50 with the City of Minneapolis All improvements to County occupied spaces have been completed. The remaining four stages involve City of Minneapolis space. Scheduling of the remaining Life Safety and Mechanical stage-work (Stages 15, 19, 20, and 21) will be determined in collaboration with the City. After the completion of the installation of ERU 3 in 2012, fresh air systems provide an estimated 100% of the required outside air. Note the ERU's, originally scheduled for 2015, were moved up on the construction schedule due to operating cost savings potential. ERU 2, 1 and 4 were installed in 2008 and 2009. The HGA Design Development report completed in 1989 identified 20 phases of work. Phasing outlined in this report was modified in 2002 to better allow for work and occupancy of adjoining areas to occur. The first four phases were completed as originally planned. With the addition of the Interior Court areas in 2003, a new construction schedule with 23 stages was developed. Based on the current schedule, completion of stages 22 and 23 is anticipated in 2018 and of the whole project in 2023 pending City of Minneapolis identification of the future sequence of stages. Stages 15, 19, 20, and 21 are considered City spaces. The cost breakdown depicts only the County's share of the overall project cost; the other half of the project is funded by the City of Minneapolis. Board action affecting this project include: #04-12-509R1; #05-3-125; #07-8-407. BAR 16-0187. Transfer \$125,000 to MBC Interior Court & Tower Elevator Mods, Project No. 				
Project's Effect on Annual Operating Budget: It was estimated that the installation of four Energy Recovery Units (ERU) have been saving approximately \$160,000 per year (\$40,000 per EAU). Annual Impact for Requesting Department: 0 Annual Impact for all other Depts: -160,000 Total -160,000								
Environmental Impacts and Initiatives: To be determined.								
Changes from Prior CIP: The 2019-2023 estimate has increased by \$90,400 over the 2018-2022 estimate to accommodate a change in the projected completion of the final four stages of the project due to City space plans for City Hall.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	9,784,200	-	375,000	500,000	325,000	150,000	-	11,134,200
Administrator Proposed	9,784,200	-	375,000	500,000	325,000	150,000	-	11,134,200
CBTF Recommended	9,784,200	-	375,000	500,000	325,000	150,000	-	11,134,200
Board Approved Final	9,784,200	-	375,000	500,000	325,000	150,000	-	11,134,200

Project Name: 1000935 MBC Exterior Improvements
Major Program: Operations
Department: Municipal Building Commission

Funding Start: 2016
Funding Completion: 2019

Summary:
This project, located at the City Hall / Courthouse, at 350 S 5th Street in Minneapolis, Minnesota, will help preserve the facility by addressing building envelope issues including waterproofing, exterior doors and windows, masonry, exterior lighting, and moat access control and fall protection.

Purpose & Description:
Over the last several years, the MBC has identified envelope problems related to waterproofing, windows and masonry. If left unaddressed, the elements will cause further damage to the building and equipment in the building and the cost for repairs will only increase.

Areas of concern for waterproofing are the areas around shafts one and three, which includes related heat tape replacement and the roof replacement at the 13th floor of the clock tower. The waterproofing, flashing and heat tape work around shafts 2 and 4 were completed. A majority of the heat tape around the exterior perimeter of the building is in need of replacement as it was installed in 1997 and has an expected lifespan of 20 years. Finally, leaks have been an ongoing issue in the Platteville Limestone foundation walls that exist on the outside edge of the SE and SW area ways. These walls will also be addressed as a part of this work.

Secondly, MBC worked with MacDonald & Mack Architects to major masonry problems and potential solutions in 2012. The MBC subsequently addressed a portion of the highest priority masonry problems and engaged MacDonald & Mack to do further investigation on the moisture issues at the 4th Street Entry, which has resulted in updated recommendations.

Additionally, in follow up to a 2012 Braun Intertec report recommending window replacement, the MBC engaged MSR to do further analysis of the Municipal Building windows to find an effective repair solution that would then be tested. This work has been completed and the testing results showed little to no improvement. In 2016, the MBC engaged Encompass to perform a more detailed forensic analysis and test out a simple repair, an extensive repair, and a full replacement, with the goal of having good data to support the proposed solution. To address the primary problem of air infiltration, the tested recommendation is to add interior sealant, adjust stops for upper sashes so that they are secured in place, and to replace weather stripping or seal sashes closed.

Lastly, moat access and fall protection issues must be addressed for public safety. This work includes replacing an older vehicle gate near the corner of 4th Street and 4th Avenue and installing access to the moat on the 3rd Avenue side of the building. Fall protection will be addressed along the 5th street building for public safety. Exterior lighting improvements will also be made.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	3,155,000	251,078	2,903,922	-	2,813,200	-	-	-	-	5,968,200
Total	3,155,000	251,078	2,903,922	-	2,813,200	-	-	-	-	5,968,200
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	2,461,500	271,053	2,190,447	-	2,705,000	-	-	-	-	5,166,500
Consulting	611,400	-	611,400	-	-	-	-	-	-	611,400
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	82,100	-	82,100	-	108,200	-	-	-	-	190,300
Total	3,155,000	271,053	2,883,947	-	2,813,200	-	-	-	-	5,968,200

Project Name: 1000935 MBC Exterior Improvements	Funding Start: 2016
Major Program: Operations	Funding Completion: 2019
Department: Municipal Building Commission	

Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	3,155,000	2,813,200	-	-	-	-	-	5,968,200
Administrator Proposed	3,155,000	2,813,200	-	-	-	-	-	5,968,200
CBTF Recommended	3,155,000	2,813,200	-	-	-	-	-	5,968,200
Board Approved Final	3,155,000	-	2,813,200	-	-	-	-	5,968,200

Scheduling Milestones (major phases only):
This project started in 2018. Below is the anticipated schedule for completion:

- Pre-Design: Complete by May 2018
- Schematic Design: Complete by August 2018
- Design Development: Complete by October 2018
- Construction Document: Complete by December 2018
- Bidding and Contracting: January - March 2019
- Construction: April 2019 - November 2020

Scoping: N/A
Design: N/A
Procurement: N/A
Construction: N/A
Completion: N/A

Board Resolutions / Supplemental Information:

The City Hall/Courthouse Municipal Building is on the National Register of Historic places and it is an iconic historic landmark for Minneapolis, Hennepin County and Minnesota. Approximately 60 percent of the useable space is occupied by City of Minneapolis offices and the balance by Hennepin County programs.

Preserving this asset involves addressing building envelope issues on a regular basis. This project is primarily about asset preservation, but also about tenant comfort. The project includes limited waterproofing replacement, masonry repointing and repairs, and exterior window and door repair or replacement. Based on findings in the 2017 Encompass report, the Municipal Building Commission (MBC) plans to repair the existing aluminum windows for this project.

The MBC has initiated initial studies for all three portions of the project including some design work for a portion of the proposed waterproofing work. The MBC has completed additional analysis to evaluate and compare the repair and replacement options due to concern about the cost and disruption for full window replacement. The supported recommendation is to complete the basic repairs outlined in the purpose and justification section including adding interior sealant, replacing weather-stripping, resetting upper sash stops, and sealing sashes closed. This has delayed design. The project is also adding the review and possible replacement of some of the perimeter doors at grade as well as moat access and fall protection, which would likely include security upgrades.

The cost breakdown depicts only the County's share of the overall project; the other half of the project is funded by the City of Minneapolis on a dollar for dollar basis.

HGA has been awarded the design work for this project and has recently completed an update of the project scope and budget to help assure a comprehensive and current project budget.

Project's Effect on Annual Operating Budget:
This project may provide small energy savings and reduced repair bills related to water infiltration.

Annual Impact for Requesting Department: 0
Annual Impact for all other Depts: 0
Total 0

Environmental Impacts and Initiatives:
To be determined.

RESOLUTION 18-0388R1 (12/11/2018): #21. That the 2019 Capital Budget be reduced by a net of \$4,680,353 in general obligation bonding, that year 2020 of the 2019 2023 Capital Improvement Program be increased by the same amount due to adjustments to the following projects: decrease 2019 and increase 2020 by \$2,813,200 for Municipal Building Commission Exterior Improvements (CP 1000935);

Changes from Prior CIP:
The 2019-2022 estimate has increased \$2,343,200 over the 2018-2022 estimate due to increases to the following items:

- \$ 200,000 for additional Hazardous Materials Testing, Monitoring and Abatement
- \$ 200,000 for moving costs related to the window repairs
- \$ 150,000 for Fire Protection and Fireproofing
- \$ 200,000 for performing disruptive work after hours
- \$1,600,000 for unanticipated window replacement, additional masonry repair, repointing and related copper gutter repair

Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	1,225,000	2,400,000	-	-	-	-	-	3,625,000
Administrator Proposed	1,225,000	2,400,000	-	-	-	-	-	3,625,000
CBTF Recommended	1,225,000	2,400,000	-	-	-	-	-	3,625,000
Board Approved Final	1,225,000	1,930,000	470,000	-	-	-	-	3,625,000

Project Name: 1004484 MBC Elevator Upgrades Major Program: Operations Department: Municipal Building Commission	Funding Start: 2017 Funding Completion: 2020
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Summary:
 This project, located at the City Hall / Courthouse, at 350 S 5th Street in Minneapolis, Minnesota, will upgrade and modernize six (6) of the fourteen (14) existing elevators in the facility.

Purpose & Description:
 The Municipal Building Commission (MBC) engaged Van Deusen and Associates in February 18, 2016 to do a comprehensive review of all elevators at the City Hall/Courthouse building to establish capital level upgrades that will be required over the next 20 years. This report has been completed and is available upon request. Based on this review, cars 1-6 (Rotunda and 5th Street Elevators) are in need of modernization and upgrades due to the age of the elevator equipment and systems along with increasing repair requirements.

Cars 1-6 were originally installed in the 1950's and have seen 3 controller modernizations. Additionally, the elevator manufacturer Montgomery, who was purchased by Kone) is no longer providing replacement parts of the drive and controller systems, due to obsolescence. Furthermore, elevators have been experiencing prolonged wear and are requiring extensive repair as shown with the recent repairs required for Car 4. The recent work on Car 4 exemplifies that these repairs require that the elevators be out of service for extended periods of time as Car 4 was recently down for approximately 26 weeks.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	410,000	1,400	408,600	1,200,000	1,296,000	-	-	-	-	2,906,000
Total	410,000	1,400	408,600	1,200,000	1,296,000	-	-	-	-	2,906,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	318,000	200	317,800	1,200,000	1,200,000	-	-	-	-	2,718,000
Consulting	85,000	1,200	83,800	-	-	-	-	-	-	85,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	7,000	-	7,000	-	96,000	-	-	-	-	103,000
Total	410,000	1,400	408,600	1,200,000	1,296,000	-	-	-	-	2,906,000

Project Name: 1004484 MBC Elevator Upgrades				Funding Start: 2017				
Major Program: Operations				Funding Completion: 2020				
Department: Municipal Building Commission								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	410,000	2,496,000	-	-	-	-	-	2,906,000
Administrator Proposed	410,000	2,496,000	-	-	-	-	-	2,906,000
CBTF Recommended	410,000	2,496,000	-	-	-	-	-	2,906,000
Board Approved Final	410,000	1,200,000	1,296,000	-	-	-	-	2,906,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2017				<p>This project is important to maintain dependable vertical transportation in the building. The current equipment has served its useful life and should be replaced to avoid further high impact maintenance situations that involve long periods without elevator service.</p> <p>Van Deusen and Associates has been commissioned by the MBC to do a comprehensive review of all elevators at the City Hall / Courthouse and this report is available upon request.</p> <p>HGA has been awarded the design work for this project and has recently reviewed and updated the project budget to help assure a comprehensive and current project budget.</p> <p>Total project costs are shared 50/50 with the City of Minneapolis.</p> <p>RESOLUTION 18-0388R1 (12/11/2018): #21. That the 2019 Capital Budget be reduced by a net of \$4,680,353 in general obligation bonding, that year 2020 of the 2019 2023 Capital Improvement Program be increased by the same amount due to adjustments to the following projects: decrease 2019 and increase 2020 by \$1,296,000 for Elevator Upgrades (CP 1004484);</p>				
Design: 2018								
Procurement: 2019								
Construction: 2020								
Completion: 2020								
Project's Effect on Annual Operating Budget:								
There will be some electrical cost savings relative to traditional elevators for all upcoming elevator projects because they will utilize regenerative drive technology, which results in 20-40% energy savings relative to traditional elevators.								
Annual Impact for Requesting Department: 0								
Annual Impact for all other Depts: 0								
Total 0								
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
the 2019-2022 estimate has increased by \$1,050,000 over the 2018-2022 estimate due to a more comprehensive project estimate completed by the design team that has increased estimated costs to restore the six elevator cabs, added costs have also been taken into account for structural and fire proofing modifications as well as increased labor costs for after-hour construction.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	90,000	288,000	1,478,000	-	-	-	-	1,856,000
Administrator Proposed	90,000	288,000	1,478,000	-	-	-	-	1,856,000
CBTF Recommended	90,000	288,000	1,478,000	-	-	-	-	1,856,000
Board Approved Final	90,000	320,000	1,446,000	-	-	-	-	1,856,000

Project Name: 1006518 MBC ADC Electric Locks Upgrade
Major Program: Operations
Department: Municipal Building Commission

Funding Start: 2020
Funding Completion: 2020

Summary:

This project will upgrade the electric cell locks in the Adult Detention Center, which is located in the City Hall / Courthouse, at 350 S 5th Street in Minneapolis, Minnesota.

Purpose & Description:

This project involves replacing 230 electric locks in the Adult Detention Center (ADC) that control access to the cells only. The existing locks are obsolete and parts are no longer available, they will be replaced with new locks from Southern Folger and the control signal will be modified by Stanley Integrator to locks to operate a complete lock cycle and the door hold open cycle.

The MBC has taken the initiative to work with Southern Folger to develop a new prototype that will work with the existing conditions. To complete this project, the door controls vendor (Stanley Integrator) will need to modify the signal going to the door to allow all possible door functions. The outcome of this project will bring uniformity to the ADC locks which will enhance security and simplify future repairs.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	675,000	-	-	-	-	675,000
Total	-	-	-	-	675,000	-	-	-	-	675,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	525,000	-	-	-	-	525,000
Consulting	-	-	-	-	50,000	-	-	-	-	50,000
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	100,000	-	-	-	-	100,000
Total	-	-	-	-	675,000	-	-	-	-	675,000

Project Name: 1006518 MBC ADC Electric Locks Upgrade				Funding Start: 2020				
Major Program: Operations				Funding Completion: 2020				
Department: Municipal Building Commission								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	675,000	-	-	-	-	675,000
Administrator Proposed	-	-	675,000	-	-	-	-	675,000
CBTF Recommended	-	675,000	-	-	-	-	-	675,000
Board Approved Final	-	-	675,000	-	-	-	-	675,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: April 2019				Total project costs are covered 100% by Hennepin County.				
Design: January 2020								
Procurement: May 2020								
Construction: June 2020								
Completion: August 2020								
Project's Effect on Annual Operating Budget:								
To be determined.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP: This is a new project request.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-

Project Name: 1006384 MBC Electrical Upgrades
Major Program: Operations
Department: Municipal Building Commission

Funding Start: 2019
Funding Completion: 2021

Summary:

This project will upgrade the electrical distribution systems with a focus on the Adult Detention Center (ADC) floors at the City Hall/Courthouse building.

Purpose & Description:

A preliminary study was completed in 2018 and identified a number of items that should be replaced within the next 5 years due to age and maintainability. Items of note include conduct an arc flash/coordination study of the entire facility, replace aging electrical panels in the ADC, separate life safety from other loads, replace distribution components as needed.



REVENUES	Budget to Date	12/31/18 Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Bonds - GO	-	-	-	-	50,000	250,000	-	-	-	300,000
Total	-	-	-	-	50,000	250,000	-	-	-	300,000
EXPENDITURES	Budget to Date	Act & Enc	Balance	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Land	-	-	-	-	-	-	-	-	-	-
Construction	-	-	-	-	40,000	225,000	-	-	-	265,000
Consulting	-	-	-	-	-	-	-	-	-	-
Equipment	-	-	-	-	-	-	-	-	-	-
Furnishings	-	-	-	-	-	-	-	-	-	-
Other Costs	-	-	-	-	-	-	-	-	-	-
Contingency	-	-	-	-	10,000	25,000	-	-	-	35,000
Total	-	-	-	-	50,000	250,000	-	-	-	300,000

Project Name: 1006384 MBC Electrical Upgrades				Funding Start: 2019				
Major Program: Operations				Funding Completion: 2021				
Department: Municipal Building Commission								
Current Year's CIP Process Summary	Budget to Date	2019 Budget	2020 Estimate	2021 Estimate	2022 Estimate	2023 Estimate	Beyond 2023	Total
Department Requested	-	-	50,000	250,000	-	-	-	300,000
Administrator Proposed	-	-	50,000	250,000	-	-	-	300,000
CBTF Recommended	-	50,000	250,000	-	-	-	-	300,000
Board Approved Final	-	-	50,000	250,000	-	-	-	300,000
Scheduling Milestones (major phases only):				Board Resolutions / Supplemental Information:				
Scoping: 2019				Total project costs are covered 100% by Hennepin County.				
Design: 2019								
Procurement: 2020								
Construction: 2020								
Completion: 2021								
Project's Effect on Annual Operating Budget:								
To be determined.								
Annual Impact for Requesting Department:				0				
Annual Impact for all other Depts:				0				
Total				0				
Environmental Impacts and Initiatives:								
To be determined.								
Changes from Prior CIP:								
This is a new project request.								
Last Year's CIP Process Summary	Budget to Date	2018	2019	2020	2021	2022	Beyond	Total
Department Requested	-	-	-	-	-	-	-	-
Administrator Proposed	-	-	-	-	-	-	-	-
CBTF Recommended	-	-	-	-	-	-	-	-
Board Approved Final	-	-	-	-	-	-	-	-