

Capital Improvement Program Summary

Introduction

The Administration and Finance departments are pleased to present the amended Capital Improvement Program (CIP) for the years 2020 through 2025 (including revised estimates for 2019). This CIP reflects the city's assessment of community needs and the ability to pay for major improvements, and is guided by the belief that reinvestment for replacement, maintenance or increased efficiency of existing systems shall have priority over expansion of existing systems or the provision of new services. All city departments have participated in the preparation of the CIP, including identifying major public improvements needed to serve existing development or to support future growth, projecting the timing of necessary replacements, establishing when replacements and improvements should be provided, and determining how to finance capital costs.

Capital spending decisions for the six-year CIP are generally made according to the following funding priorities, and reflect the city's efforts to allocate the city's limited resources to projects:

1. Contribute to the public health and welfare
2. Maintain an existing system
3. Improve efficiency of an existing system
4. Expand or add a system or service
5. Expand, renovate or add public facilities/parks

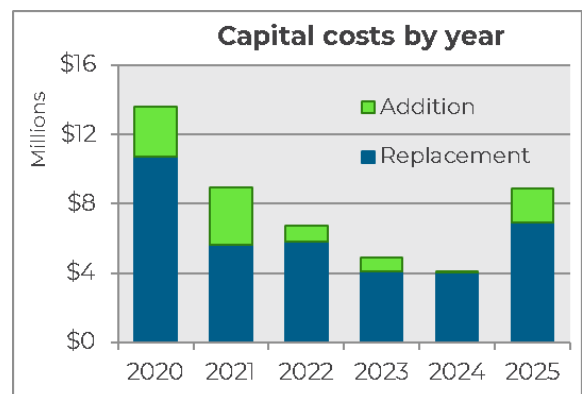
Although the CIP represents a tentative commitment to proceed with planned projects in the future, the commitment is more certain in early years and becomes increasingly more tenuous in subsequent years. Regardless, the CIP represents the city's present plan and priority for capital spending, and provides a framework for projected tax levies and utility rates.

Infrastructure Replacement Planning

Because Shoreview is more than 96 percent developed, replacement costs account for the majority of capital spending. Over the next six years, approximately 79 percent of costs are for repair, rehabilitation or reconstruction projects.

The city's comprehensive infrastructure replacement plan (CHIRP) and policy ensure that capital replacement planning is a routine part of the annual budget process by requiring a

comprehensive and integrated examination of the impact of capital replacement costs on inter-fund charges, user fees (including utility rates) and tax levies. In addition, the policy directs that the city avoid assessing property owners more than once for any given facility because the city is viewed as being primarily responsible for the payment of replacement and rehabilitation costs. The maximum cost to be assessed is limited to the cost of added improvements plus a proportionate share of project engineering and administrative costs.



Debt Issuance

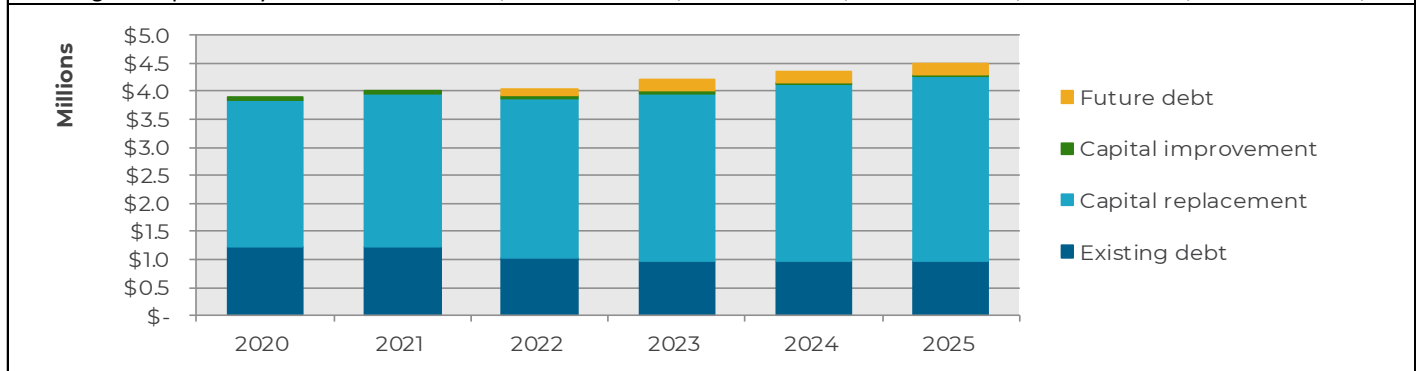
Proposed debt issuance over the next six years is \$18.1 million, in comparison to project costs of \$47.2 million (38% of project costs). This favorable indicator is possible due to long-term financial planning efforts, described on the previous page, which require the identification of resources and funding mechanisms well in advance of capital needs. It also should be noted that the majority of debt issuance is for utility systems, and therefore does not impact tax levies.

Description:	2020	2021	2022	2023	2024	2025	Total
CIP required debt resources	\$ 3,915,480	\$ 2,532,400	\$ 4,044,000	\$ 1,065,000	\$ 385,000	\$ 2,784,000	\$ 14,725,880
Financing of prior year costs (2019)	3,408,000	-	-	-	-	-	3,408,000
Adjusted Debt requirements by year	\$ 7,323,480	\$ 2,532,400	\$ 4,044,000	\$ 1,065,000	\$ 385,000	\$ 2,784,000	\$ 18,133,880
Debt Issues:							
GO Improvement Bonds (assmts)	\$ 627,235	\$ 460,080	\$ -	\$ -	\$ -	\$ -	\$ 1,087,315
GO Improvement Bonds	-	-	2,500,000	-	-	-	2,500,000
GO Water Bonds	1,892,300	900,000	589,000	835,000	135,000	1,940,000	6,291,300
GO Sewer Bonds	2,913,400	750,000	555,000	-	50,000	844,000	5,112,400
GO Surface Water Bonds	1,890,545	422,320	400,000	230,000	200,000	-	3,142,865
Adjusted Debt issued by year	\$ 7,323,480	\$ 2,532,400	\$ 4,044,000	\$ 1,065,000	\$ 385,000	\$ 2,784,000	\$ 18,133,880
Issuance by year	\$ 6,254,520	\$ 3,601,360	\$ 2,500,000	\$ 2,609,000	\$ -	\$ 3,169,000	\$ 18,133,880

Capital and Debt Levies

Capital and debt levies necessary to support planned projects in this CIP are projected to have an average annual impact of approximately 1 percent on the total tax levy. The City has maintained this low level through sound long-range financial planning and General Fund surplus transfers. These surpluses are being used to buy down the annual debt levy, in an effort to smooth out temporary fluctuations in the tax levy and ease the impact on property owners.

Description	2020	2021	2022	2023	2024	2025
Capital Repl-Street Renewal	\$ 992,000	\$ 1,040,000	\$ 1,090,000	\$ 1,140,000	\$ 1,190,000	\$ 1,240,000
Capital Repl-Capital Asset Repl.	1,615,000	1,690,000	1,770,000	1,855,000	1,945,000	2,040,000
Capital Acquisition (IT)	50,000	50,000	50,000	50,000	50,000	50,000
Existing Debt-Central Garage	184,000	184,000	184,000	184,000	184,000	184,000
Existing Debt-Debt funds	996,000	994,000	781,000	774,000	793,000	793,000
Existing Debt-General fund contrib	50,000	50,000	50,000	-	-	-
Future Debt-Debt funds	-	-	106,000	200,000	200,000	200,000
Total Capital and Debt Levies	\$ 3,887,000	\$ 4,008,000	\$ 4,031,000	\$ 4,203,000	\$ 4,362,000	\$ 4,507,000
Change in Debt Levy	\$ (131,000)	\$ (2,000)	\$ (107,000)	\$ 37,000	\$ 19,000	\$ -
Change in Capital Levy	\$ 146,000	\$ 123,000	\$ 130,000	\$ 135,000	\$ 140,000	\$ 145,000



Collector Streets

MSA streets are typically city streets with higher traffic volumes. The city may designate up to 20 percent of local streets as MSA routes, and the routes are subject to certain State design requirements. The CIP contains 4 projects that use MSA funding over the next six years.

- Reconstruction of Owasso Boulevard North from Owasso Boulevard West to Soo Street and Arbogast Street from Victoria Avenue to Owasso Boulevard West is planned for 2020
- Participation in Ramsey County's reconstruction of Lexington Avenue from I-694 to County Road E is planned for 2021
- Participation in Ramsey County's reconstruction of Highway 49 from Gramsie Road to Highway 96 is planned for 2022
- Reconstruction of Hamline Avenue from the north junction of County Road I to Lexington Avenue is planned for 2025

Street Improvements

In 2006 the city council changed the course of the city's street renewal program by utilizing street bonds for large-scale rehabilitation of city streets. This change enabled the city to simultaneously direct street renewal dollars toward reconstruction of substandard street segments (and reconstruct all substandard streets by 2021) while maintaining street condition ratings and preserving pavement condition through pavement strategies such as full depth reclamation. The city sold street rehabilitation bond in 2013 and 2018; the final street bond (\$2.5 million) is planned for the fall of 2022, the 2024 project will be financed by funds on hand in the Street Renewal fund. In 2017 the city discontinued sealcoating streets and will be redirecting sealcoat funding towards the repayment of debt used for street rehabilitation. The following street reconstruction projects are planned over the next six years.

- Street Rehabilitation (2022 and 2024) – Rehabilitation of various local street segments throughout the city. Actual locations will be based on pavement conditions as determined by the City's Pavement Management Program
- Edgetown Acres , Schutta/Lois/Hillview (2020 and 2021) – Complete reconstruction of streets, installation of curb and gutter, storm water systems, and street lights and repairs of water mains and sewer lines

Park Improvements

Park improvements include replacement costs, renovations and facility additions/expansions. Major projects planned over the next six years include:

Community Investment Fund supported:

- Theisen Park – add pickleball courts in 2020 (\$200,000)
- Commons Park – Phase II of the Commons master plan improvements in 2021 (\$2,000,000)
- Shamrock Park – refurbish park in 2023 (\$750,000)
- McCullough Park – refurbish park in 2025 (\$750,000)

General Fixed Asset Replacement Fund supported:

- Bucher Park –parking lot lights replacement in 2022 (\$29,000), court resurfacing in 2023 (\$40,000)
- Commons Park –Commons area and Highway 96 landscaping in 2020, 2021 and 2023(\$40,000, \$30,000 and \$10,000), replace cedar roofing in 2021 (\$50,000), tennis/basketball court fence replacement in 2022 (\$25,000)
- Lake Judy Park – playground replacement in 2023 (\$100,000)
- McCullough Park – parking lot lights replacement in 2020 (\$35,000), add concrete slabs to ballfield benches in 2021 (\$25,000), playground replacement in 2022 (\$125,000), court resurfacing in 2025 (\$40,000)
- Rice Creek Fields –playground replacement in 2020 (\$75,000), replace fencing in 2021 (\$60,000)
- Shamrock Park – playground replacement including concrete curbing in 2020 (\$175,000), court resurfacing in 2024 (\$40,000)
- Theisen Park – court resurfacing in 2022 (\$55,000)
- Wilson Park – court resurfacing in 2020 (\$40,000), miscellaneous building repairs in 2025 (\$27,000)
- City hall and community center – parking lot rehabilitation in 2025 (\$100,000)
- All sites – replace irrigation controllers in 2020 (\$50,000), park master plan in 2020 (\$50,000), park rules and way finding map signage in 2021 (\$25,000), park building card access in 2021(\$30,000)
- Allowance – park facility projects to be determined in 2023 (\$100,000), and 2024 (\$100,000)

Trail Rehabilitation and Extension

The trail improvement program continues to use rehabilitation strategies that include replacing certain segments of trail, as well as resurfacing of trails with a slurry seal. This seal coat system has proven to be a very cost effective method to extend the life of the trail system. Additional trail segments in 2020 include trail extensions/improvements in the Snail Lake open space area (\$150,000), and upgrading an unimproved trail between the Gramsie Road/Chatsworth Street intersection and the East dead end of Gramsie Road (\$100,000).

Municipal Buildings

Municipal buildings include repair/replacement items for the community center/city hall, and fire stations as well as facility additions/expansions. Major items include:

Community Investment Fund supported:

- Annual allowance of \$50,000 per year for 2020 thru 2025 for improvements to the community center facility

General Fixed Asset Replacement Fund supported:

- Allowance for projects to be determined in 2023 and 2025 (\$100,000) and (\$155,000)
- Replace skylights in the community center main lobby in 2024 (\$75,000)
- Replace carpet on the upper level in 2021 (\$95,000)

- Replace carpet in the council chambers in 2023 (\$52,000)
- Replace lower level carpet in 2024 \$80,000
- Replace carpet in meeting and activity rooms in 2025 (\$50,000)
- Replace AHU #4 (tropics pool) in 2023 (\$800,000)
- Replace movable walls in the community room in 2020 (\$90,000)
- Refurbish banquet chairs in 2025 (\$65,000)
- Replace lockers in the pool locker rooms in 2021 (\$179,000)
- Replace water slide stair treads and railing in 2020 (\$70,000)
- Replace waterslide in 2022 (\$203,000)
- Replace zero beach feature in 2023 (\$100,000)
- Replace Kalwall in the tropics in 2025 (\$65,000)

Utility Improvements

There are several planned improvements to the city's utility systems in the next six years. The most significant 2020 improvements include the Suzanne/Gramsie storm water lift station (\$500,000), Shoreview Lake pretreatment structure (\$120,000) and the rehabilitation or replacement of various sections of the city's surface water collection system (\$320,000). Major utility system improvements include:

- Installation of water mains to connect dead-ends on Rice Street between Snail Lake Road and Bridge Street. Improvements to the water main between the I-694 right of way and Victoria Street, South of the I-694 overpass in 2022 (\$400,000). North Tower interior wet rehabilitation and surface recoating in 2023 (\$700,000), and exterior rehabilitation and surface recoating in 2025 (\$900,000). Rehabilitation or replacement of portions of the city's water distribution system in 2025 (\$1,000,000)
- Allowances for rehabilitation and replacement of various sanitary sewer systems throughout the city in 2022 and 2025 (\$471,000 and \$760,000)
- Rehabilitation/replacement of portions of the city's surface water and collection system at various locations in the city in 2022 and 2023 (\$200,000 and \$230,000)
- Street Light replacements in 2021, 2023 and 2025 to address a growing number of street light outages occurring for lighting originally installed in the 1970s and early 1980s (\$513,150, \$539,140 and \$566,460)

Major Equipment

Most of the equipment costs identified in this section of the CIP are for the replacement of existing equipment. Major items include:

- Fire department equipment replacements include a utility vehicle in 2020 (\$88,595), fire chief vehicle replacement in 2021 (\$48,880), engine ladder replacement in 2022 (\$458,250), two rescue vehicles in 2023 (\$274,950) and a tanker in 2024 (\$189,410)
- Computer system replacements and improvements
- Central garage equipment

Ongoing Capital Project Fund Cash Flows

Funding for capital costs is provided by operating funds, ongoing capital funds and other sources. For operating funds, planned revenue sources in the operating budget are allocated to capital costs according to the capital improvement plan as each project is approved by the city council. Because ongoing capital project funds (which also provide funding for projects) do not appear in the operating budget, cash flow projections for these funds are provided on the next few pages.

MSA Fund

The summary of MSA Fund activity provided in the table below shows that projected MSA receipts will not be sufficient to cover project costs through the year 2025. The city will need to request advances on future MSA allotments from the Minnesota Department of Transportation in order for the fund to have positive cash flows.

MSA Fund Capital Projections	Estimated 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025
Revenue							
Intergovt (MSA allocation)	\$ 805,121	\$ 805,000	\$ 805,000	\$ 805,000	\$ 805,000	\$ 805,000	\$ 805,000
Investment interest	13,000	1,000	1,000	1,000	1,000	1,000	1,000
Total Revenues	\$ 818,121	\$ 806,000	\$ 806,000	\$ 806,000	\$ 806,000	\$ 806,000	\$ 806,000
Expense							
MSA Street Rehabilitation	129,545	-	-	-	-	-	-
Rice Street/I-694 Interchange	770,000	-	-	-	-	-	-
Highway 49/Hodgson (96-Gramsie)	-	-	-	218,000	-	-	-
Lexington Ave. Reconstruction	-	-	345,000	-	-	-	-
Owasso Blvd N Reconstruction	500,000	5,217,120	-	-	-	-	-
Hamline Ave. Reconstruction	-	-	-	-	-	-	2,744,000
Total Expense	\$ 1,399,545	\$ 5,217,120	\$ 345,000	\$ 218,000	\$ -	\$ -	\$ 2,744,000
Net change	(581,424)	(4,411,120)	461,000	588,000	806,000	806,000	(1,938,000)
Fund equity, beginning	1,790,295	1,208,871	(3,202,249)	(2,741,249)	(2,153,249)	(1,347,249)	(541,249)
Fund equity, ending	\$ 1,208,871	\$ (3,202,249)	\$ (2,741,249)	\$ (2,153,249)	\$ (1,347,249)	\$ (541,249)	\$ (2,479,249)
Fund equity percent of avg expense	85.3%	-225.9%	-193.4%	-151.9%	-95.0%	-38.2%	-174.9%
Months capital coverage (avg expense)	10.2	(27.1)	(23.2)	(18.2)	(11.4)	(4.6)	(21.0)

Street Renewal Fund

The summary of Street Renewal Fund activity provided in the table below shows planned increases in the tax levy are sufficient to support projects through 2025 while maintaining the minimum \$2 million fund balance.

Street Renewal Fund	Estimated	Projected	Projected	Projected	Projected	Projected	Projected
Capital Projections	2019	2020	2021	2022	2023	2024	2025
Revenue							
Property taxes	\$ 941,000	\$ 992,000	\$ 1,040,000	\$ 1,090,000	\$ 1,140,000	\$ 1,190,000	\$ 1,240,000
Assessments	109,250	35,490	34,387	34,387	34,200	28,932	28,932
Investment interest	42,000	45,600	41,200	44,400	67,600	62,200	71,800
Total Revenues	\$ 1,092,250	\$ 1,073,090	\$ 1,115,587	\$ 1,168,787	\$ 1,241,800	\$ 1,281,132	\$ 1,340,732
Expense							
Street rehabilitation current projects:							
Wabasso neighborhood	\$ 779,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Edgetown Acres-Schutta/Lois/Hillview	-	1,337,800	1,457,600	-	-	-	-
Street rehabilitation various segments	-	-	-	-	-	2,286,000	-
Total Expense	\$ 779,000	\$ 1,337,800	\$ 1,457,600	\$ -	\$ -	\$ 2,286,000	\$ -
Net change	313,250	(264,710)	(342,013)	1,168,787	1,241,800	(1,004,868)	1,340,732
Fund equity, beginning	2,624,163	2,937,413	2,672,703	2,330,690	3,499,477	4,741,277	3,736,409
Fund equity, ending	\$ 2,937,413	\$ 2,672,703	\$ 2,330,690	\$ 3,499,477	\$ 4,741,277	\$ 3,736,409	\$ 5,077,141
Years of capital coverage (avg expense)	3.5	3.2	2.8	4.2	5.7	4.5	6.1
Tax levy percent change	-15.3%	5.4%	4.8%	4.8%	4.6%	4.4%	4.2%

Community Investment Fund

The summary of Community Investment Fund activity provided below shows projected revenues are sufficient to support planned building, park and trail projects providing community wide benefit (see comment below regarding minimum fund balance). The debt service transfers provide funding for debt payments associated with the two community center expansion bond issues.

Community Investment Fund	Estimated	Projected	Projected	Projected	Projected	Projected	Projected
Capital Projections	2019	2020	2021	2022	2023	2024	2025
Revenue							
Franchise fees	\$ 840,000	\$ 840,000	\$ 840,000	\$ 840,000	\$ 840,000	\$ 840,000	\$ 840,000
PCS Antenna rentals	428,000	445,000	463,000	482,000	504,000	525,000	546,000
Billboard fees	58,310	60,060	61,860	63,720	72,190	73,760	75,970
Investment interest	35,000	35,000	15,000	20,000	20,000	25,000	30,000
Total Revenues	\$ 1,361,310	\$ 1,380,060	\$ 1,379,860	\$ 1,405,720	\$ 1,436,190	\$ 1,463,760	\$ 1,491,970
Expense							
Community Center improvements	35,623	50,000	50,000	50,000	50,000	50,000	50,000
Commons Master Plan	2,850,000	-	2,000,000	-	-	-	-
Park facilities improvements	-	220,000	-	-	750,000	-	750,000
Trails and pathways	422,000	250,000	-	94,000	-	-	-
Total Expense	\$ 3,307,623	\$ 520,000	\$ 2,050,000	\$ 144,000	\$ 800,000	\$ 50,000	\$ 800,000
Other Sources (Uses)							
Transfer out/G.O. debt service	(322,000)	(322,000)	(322,000)	(322,000)	(322,000)	(322,000)	(322,000)
Transfers out/debt service (COP's)	(180,000)	(180,000)	(180,000)	(180,000)	(59,148)	-	-
Total Other Sources (Uses)	\$ (502,000)	\$ (502,000)	\$ (502,000)	\$ (502,000)	\$ (381,148)	\$ (322,000)	\$ (322,000)
Net change	(2,448,313)	358,060	(1,172,140)	759,720	255,042	1,091,760	369,970
Fund equity, beginning	4,725,583	2,277,270	2,635,330	1,463,190	2,222,910	2,477,952	3,569,712
Fund equity, ending	\$ 2,277,270	\$ 2,635,330	\$ 1,463,190	\$ 2,222,910	\$ 2,477,952	\$ 3,569,712	\$ 3,939,682
Months of capital coverage (avg exp)	24.9	28.9	16.0	24.3	27.1	39.1	43.1
Minimum fund balance	\$ 1,210,805	\$ 1,479,817	\$ 1,752,789	\$ 2,029,933	\$ 2,313,171	\$ 2,600,923	\$ 2,893,317
Fund balance in excess of minimum	\$ 1,066,465	\$ 1,155,513	\$ (289,599)	\$ 192,977	\$ 164,781	\$ 968,789	\$ 1,046,365
Debt service over (under) policy limit	\$ (36,024)	\$ (43,944)	\$ (52,288)	\$ (64,476)	\$ (194,356)	\$ (262,788)	Unavailable

The adopted Community Investment Policy outlines a formula to accumulate a minimum fund balance equal to \$3 million. During the years 2014 through 2018 the policy dedicated 15% of revenue from franchise fees (electric and gas), wireless telecommunication antenna lease receipts and outdoor billboard lease receipts to the accumulation of minimum fund balance. Beginning in 2019, and until the \$3 million minimum fund balance is reached, 20% of these revenues will be dedicated to the accumulation of minimum fund balance. The first two lines of the table above, highlighted in blue, show the growth in minimum fund balance, and available fund balances over the next 6 years. Fund expenditures in 2021 result in the fund not meeting the minimum fund balance as required by the policy.

The Community Investment Policy limits the amount of resources that can be used for the repayment of debt issued to acquire qualifying capital assets to 50% of ensuing years' available revenue, defined as, revenue derived from franchise fees (electric and gas), wireless telecommunication antenna lease receipts and outdoor billboard lease receipts, less the amount allocated to the accumulation of minimum fund balance. The third line in the table above, highlighted in blue, shows the amount of debt service exceeding or below the policy limit. The fund has met the policy relating to debt in all years presented.

Information Technology Fund

The summary of Capital Acquisition Fund activity shown below, for the planned improvement of the city's computer systems, shows that the small tax levy and contributions from other funds is sufficient to cover projected costs. The small tax levy is intended to assist in funding new capital asset purchases that cannot be funded by replacement funds.

Information Technology Fund Capital Projections	Estimated 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025
Revenue							
Property taxes	\$ 40,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Investment interest	1,600	1,600	1,600	1,600	1,600	1,600	1,600
Total Revenues	\$ 41,600	\$ 51,600	\$ 51,600	\$ 51,600	\$ 51,600	\$ 51,600	\$ 51,600
Expense							
Computer equipment/software	115,591	281,300	325,100	342,000	92,500	56,000	100,000
Total Expense	\$ 115,591	\$ 281,300	\$ 325,100	\$ 342,000	\$ 92,500	\$ 56,000	\$ 100,000
Other Sources (Uses)							
Transfers in/Gen Fixed Asset Fund	89,602	235,800	302,000	229,500	87,500	51,000	97,000
Transfers in/Water Fund	-	3,000	-	-	-	-	-
Transfers in/Sewer Fund	-	3,000	-	-	-	-	-
Transfers in/Central Garage Fund	-	3,000	-	-	5,000	-	3,000
Total Other Sources (Uses)	\$ 89,602	\$ 244,800	\$ 302,000	\$ 229,500	\$ 92,500	\$ 51,000	\$ 100,000
Net change	15,611	15,100	28,500	(60,900)	51,600	46,600	51,600
Fund equity, beginning	127,047	142,658	157,758	186,258	125,358	176,958	223,558
Fund equity, ending	\$ 142,658	\$ 157,758	\$ 186,258	\$ 125,358	\$ 176,958	\$ 223,558	\$ 275,158
Months of capital coverage (avg exp)	9.1	10.1	11.9	8.0	11.3	14.3	17.6

Capital Asset Replacement Fund

The summary of Capital Asset Replacement Fund activity provided below shows projected revenues are sufficient to support replacement costs in all years. Major costs in 2022 include replacement of the waterslide (\$203,000) and fire department engine ladder (\$458,250), and in 2023 the replacement of AHU #4 in the Tropics pool (\$800,000).

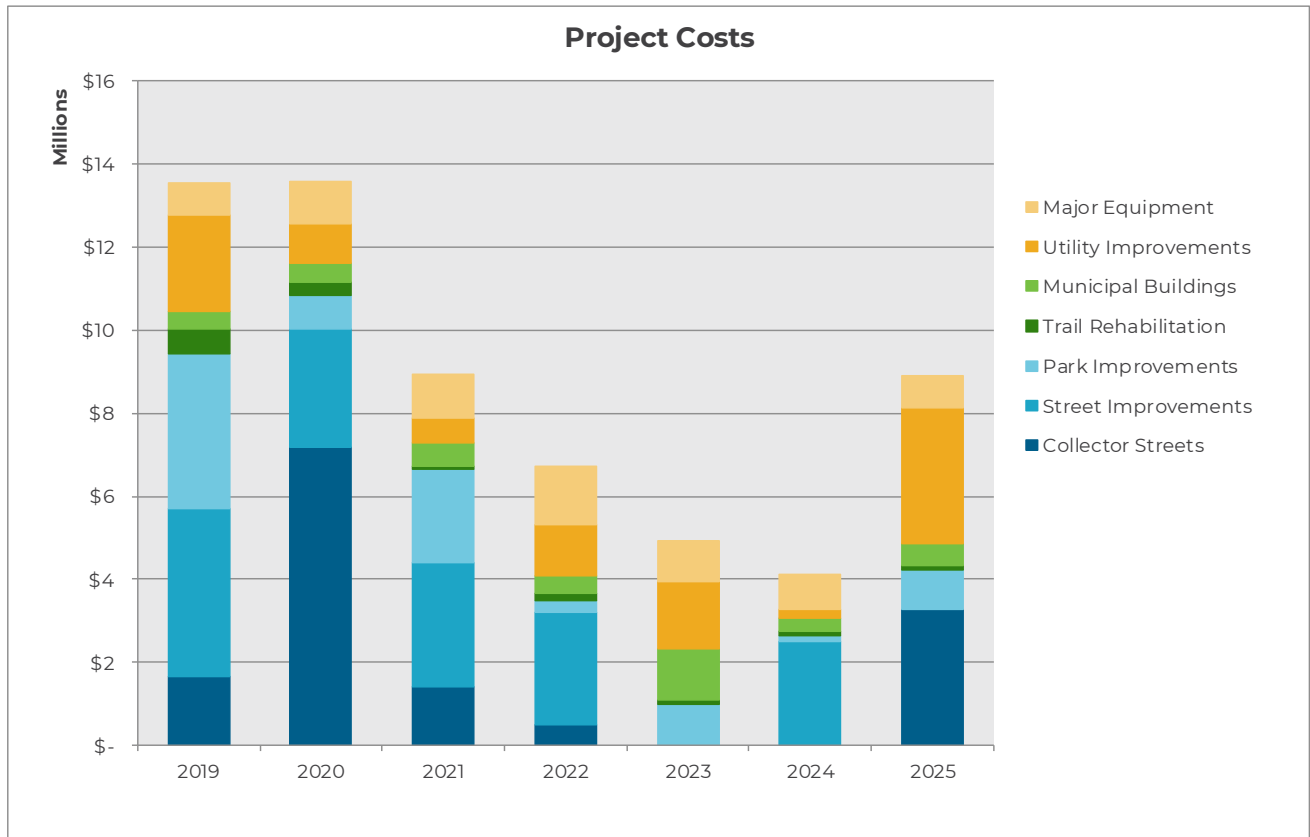
Capital Asset Replacement Fund Capital Projections	Estimated 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023	Projected 2024	Projected 2025
Revenue							
Property taxes	\$ 1,530,000	\$ 1,615,000	\$ 1,690,000	\$ 1,770,000	\$ 1,855,000	\$ 1,945,000	\$ 2,040,000
Investment interest	21,000	16,000	14,000	14,000	12,000	10,000	43,000
Total Revenues	\$ 1,551,000	\$ 1,631,000	\$ 1,704,000	\$ 1,784,000	\$ 1,867,000	\$ 1,955,000	\$ 2,083,000
Expense							
Fire stations & equipment	158,189	166,254	127,394	500,409	314,950	220,276	40,000
Warning sirens	-	-	18,000	-	18,000	20,000	-
Municipal buildings	288,329	365,000	449,000	348,000	1,167,000	270,000	443,000
Park facilities	842,808	559,500	237,000	274,000	250,000	158,000	202,000
Trails	80,000	80,000	80,000	181,600	83,200	84,900	86,600
Total Expense	\$ 1,369,326	\$ 1,170,754	\$ 911,394	\$ 1,304,009	\$ 1,833,150	\$ 753,176	\$ 771,600
Other Sources (Uses)							
Transfers in/General fund	-	-	-	-	-	-	-
Transfers out/Capital Imprv (IT) fund	(89,602)	(235,800)	(302,000)	(229,500)	(87,500)	(51,000)	(97,000)
Transfers out/debt funds	(380,000)	(380,000)	(380,000)	(380,000)	(200,000)	(200,000)	(200,000)
Total Other Sources (Uses)	\$ (469,602)	\$ (615,800)	\$ (682,000)	\$ (609,500)	\$ (287,500)	\$ (251,000)	\$ (297,000)
Net change	(287,928)	(155,554)	110,606	(129,509)	(253,650)	950,824	1,014,400
Fund equity, beginning	1,052,845	764,917	609,363	719,969	590,460	336,810	1,287,634
Fund equity, ending	\$ 764,917	\$ 609,363	\$ 719,969	\$ 590,460	\$ 336,810	\$ 1,287,634	\$ 2,302,034
Months of average capital coverage	7.0	5.6	6.6	5.4	3.1	11.7	21.0
Tax levy percent change	1.6%	5.6%	4.6%	4.7%	4.8%	4.9%	4.9%

Summary

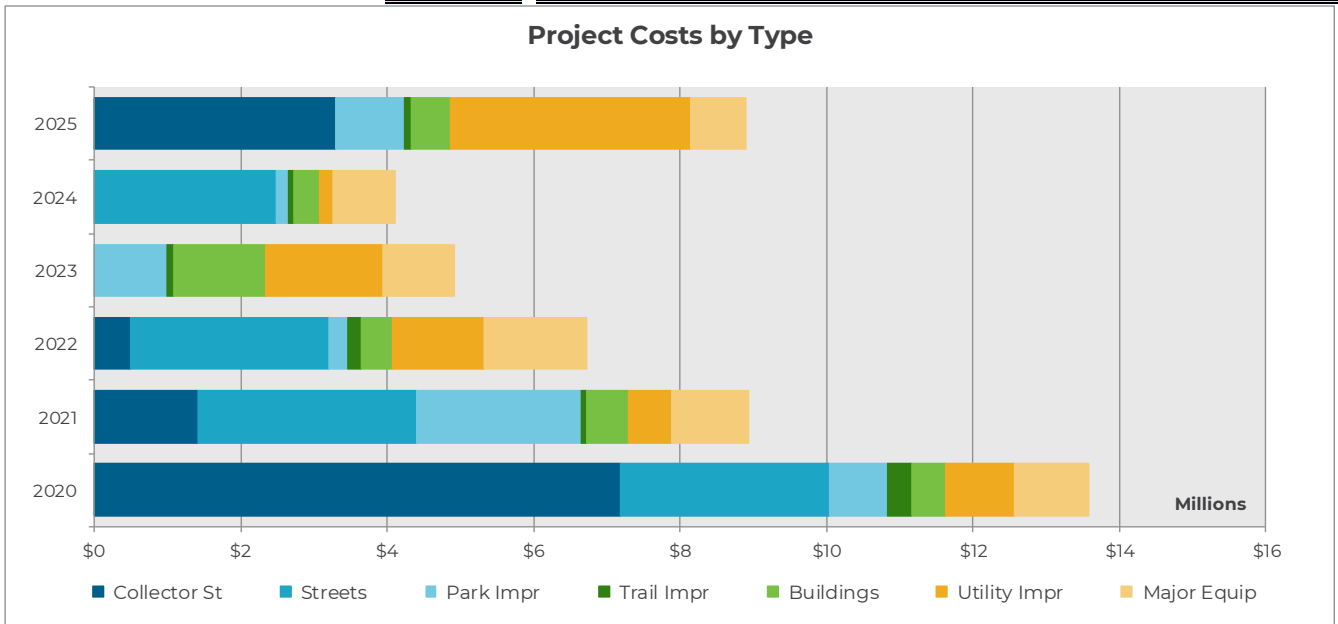
The remainder of this document provides information about the specific capital projects, including resources and capital costs.

Capital Improvement Program

Description	Year 2019	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Year 2025
Resources							
Debt Issuance	\$ 5,226,455	\$ 3,915,480	\$ 2,532,400	\$ 4,119,000	\$ 1,065,000	\$ 385,000	\$ 2,816,000
Intergovernmental	1,646,745	5,587,720	345,000	218,000	-	-	3,194,000
Internal Funds	6,692,005	4,083,354	6,054,244	2,390,009	3,859,790	3,724,176	2,883,060
Total Resources	\$ 13,565,205	\$ 13,586,554	\$ 8,931,644	\$ 6,727,009	\$ 4,924,790	\$ 4,109,176	\$ 8,893,060
Project Costs							
Collector Streets	\$ 1,670,000	\$ 7,176,000	\$ 1,420,000	\$ 497,000	\$ -	\$ -	\$ 3,290,000
Street Improvements	4,045,000	2,870,000	2,990,000	2,700,000	-	2,486,000	-
Park Improvements	3,712,008	779,500	2,237,000	274,000	1,000,000	158,000	952,000
Trail Rehabilitation	595,000	330,000	80,000	181,600	83,200	84,900	86,600
Municipal Buildings	432,339	460,703	567,330	426,717	1,257,000	345,000	533,000
Utility Improvements	2,333,450	940,000	588,150	1,246,000	1,604,140	185,000	3,286,460
Major Equipment	777,408	1,030,351	1,049,164	1,401,692	980,450	850,276	745,000
Total Project Costs	\$ 13,565,205	\$ 13,586,554	\$ 8,931,644	\$ 6,727,009	\$ 4,924,790	\$ 4,109,176	\$ 8,893,060



Project Resources							
Description	Year 2019	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Year 2025
Debt							
General Obligation Bonds	\$ 1,818,455	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -
Tax Abatement Bonds	-	-	-	-	-	-	-
Improvement Bonds (assmts)	155,915	471,320	460,080	75,000	-	-	32,000
Water Revenue Bonds	1,193,500	698,800	900,000	589,000	835,000	135,000	1,940,000
Sewer Revenue Bonds	1,527,000	1,386,400	750,000	555,000	-	50,000	844,000
Surface Water Revenue Bonds	531,585	1,358,960	422,320	400,000	230,000	200,000	-
Total Debt	5,226,455	3,915,480	2,532,400	4,119,000	1,065,000	385,000	2,816,000
Intergovernmental							
Ramsey County	228,000	370,600	-	-	-	-	450,000
Other Local governments	19,200	-	-	-	-	-	-
MSA	1,399,545	5,217,120	345,000	218,000	-	-	2,744,000
Total Intergovernmental	1,646,745	5,587,720	345,000	218,000	-	-	3,194,000
Internal Funds							
Cable Television Fund	75,000	-	50,000	-	-	-	-
Street Renewal Fund	779,000	1,337,800	1,457,600	-	-	2,286,000	-
Capital Asset Replacement Fund	1,458,928	1,406,554	1,213,394	1,533,509	1,920,650	804,176	868,600
Capital Acquisition Fund (IT)	25,989	36,500	23,100	112,500	-	5,000	-
Community Investment Fund	3,307,623	520,000	2,050,000	144,000	800,000	50,000	800,000
Water Fund	-	3,000	-	-	-	-	-
Sewer Fund	-	3,000	-	-	-	-	-
Street Lighting Fund	508,450	145,000	663,150	12,000	539,140	-	566,460
Central Garage Fund	537,015	631,500	597,000	588,000	600,000	579,000	648,000
Total Internal Funds	6,692,005	4,083,354	6,054,244	2,390,009	3,859,790	3,724,176	2,883,060
Total Resources	\$ 13,565,205	\$ 13,586,554	\$ 8,931,644	\$ 6,727,009	\$ 4,924,790	\$ 4,109,176	\$ 8,893,060



Project Costs

Description	Year 2019	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Year 2025
Collector Streets							
Rice Street/I-694 Interchange	\$ 770,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Owasso Boulevard N Reconstruction	900,000	7,176,000	-	-	-	-	-
Lexington Ave Reconstruction	-	-	1,420,000	-	-	-	-
Highway 49/Hodgson (H96-Gramsie)	-	-	-	497,000	-	-	-
Hamline Ave Reconstruction	-	-	-	-	-	-	3,290,000
Total Collector Streets	1,670,000	7,176,000	1,420,000	497,000	-	-	3,290,000
Street Improvements							
Street Rehabilitation	2,240,000	-	-	2,700,000	-	2,486,000	-
Wabasso Neighborhood	1,805,000	-	-	-	-	-	-
Edgetown Acres-Schutta/Lois/Hillview	-	2,870,000	2,990,000	-	-	-	-
Total Street Improvements	4,045,000	2,870,000	2,990,000	2,700,000	-	2,486,000	-
Park Improvements							
Park Facility Replacements	742,308	457,500	187,000	204,000	210,000	100,000	20,000
Park Facility Improvements	2,850,000	220,000	2,000,000	-	750,000	-	750,000
Parking & Driveways	50,000	-	-	-	-	-	100,000
Tennis & Basketball Court Pavement	54,700	67,000	-	55,000	40,000	40,000	40,000
Park Building Rehabilitation	15,000	35,000	50,000	15,000	-	18,000	42,000
Total Park Improvements	3,712,008	779,500	2,237,000	274,000	1,000,000	158,000	952,000
Trail Rehabilitation and Extensions	595,000	330,000	80,000	181,600	83,200	84,900	86,600
Municipal Buildings							
Fire Stations	33,387	45,703	18,330	28,717	40,000	25,000	40,000
General Government Buildings	75,000	-	50,000	-	-	-	-
Community Center Rehabilitation	36,921	40,000	105,000	35,000	1,002,000	155,000	205,000
Banquet Facility	5,408	90,000	20,000	15,000	15,000	50,000	105,000
Pool & Locker Room Areas	96,000	140,000	217,000	223,000	100,000	15,000	65,000
Furniture & Equipment	150,000	95,000	107,000	75,000	50,000	50,000	68,000
Community Center Improvements	35,623	50,000	50,000	50,000	50,000	50,000	50,000
Total Municipal Buildings	432,339	460,703	567,330	426,717	1,257,000	345,000	533,000
Utility Improvements							
Water Systems	865,000	-	-	535,000	835,000	135,000	1,900,000
Sanitary Sewer Rehabilitation	950,000	-	-	471,000	-	-	760,000
Sanitary Sewer Lift Stations	30,000	-	75,000	40,000	-	50,000	60,000
Suzanne/Gramsie Storm Lift Station	-	500,000	-	-	-	-	-
Surface Water Pretreatment Structures	-	440,000	-	200,000	230,000	-	-
Residential Street Lights	488,450	-	513,150	-	539,140	-	566,460
Total Utility Improvements	2,333,450	940,000	588,150	1,246,000	1,604,140	185,000	3,286,460
Major Equipment							
Fire Equipment	124,802	120,551	109,064	471,692	274,950	195,276	-
Warning Sirens	-	-	18,000	-	18,000	20,000	-
Computer Systems	115,591	281,300	325,100	342,000	92,500	56,000	100,000
Central Garage Equipment	537,015	628,500	597,000	588,000	595,000	579,000	645,000
Total Major Equipment	777,408	1,030,351	1,049,164	1,401,692	980,450	850,276	745,000
Total Capital Projects	\$ 13,565,205	\$ 13,586,554	\$ 8,931,644	\$ 6,727,009	\$ 4,924,790	\$ 4,109,176	\$ 8,893,060

Rice Street/I-694 Interchange

PWA11

City participation in Ramsey County's reconstruction of the Rice Street (County Highway 49) and I-694 interchange. The proposed project would consist of the replacement of the existing Rice Street Bridge over I-694 and the associated access ramps.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
MSA	\$ 770,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Sources of Funds	\$ 770,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uses							
Street	\$ 770,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Uses of Funds	\$ 770,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Per Ramsey County's County State Aid Highway (CSAH) cost participation policy and practices, corresponding to Minnesota Trunk Highway Turnback funding, the city will be required to fund portions of the costs related to the project. An understanding of the extent of the improvements and funding requirements of the city is being developed through participation in the planning process.

Owasso Boulevard N Reconstruction

PWA 25

Complete reconstruction of the road surface and upgrade of Owasso Boulevard North (from Owasso Boulevard West to Soo Street) and Arbogast Street (from Victoria Avenue to Owasso Boulevard West). The project would also include the addition of concrete curb and gutter, replacement of watermain, repairs to sanitary sewer piping, and the addition of storm water collection and treatment systems. Assessments for the project, totalling \$153,080 are for storm (\$51,680), street (\$89,600), water (\$7,200) and sanitary sewer (\$4,600).

2019 costs include:

- \$900,000 - Engineering consulting fees and construction associated with moving existing city water and sanitary sewer infrastructure.

2020 costs include:

- \$7,176,000 - Construction and engineering fees associated with reconstruction of Owasso Boulevard North.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Special Assessments	\$ -	\$ 153,080	\$ -	\$ -	\$ -	\$ -	\$ -
MSA	500,000	5,217,120	-	-	-	-	-
Debt-Water Revenue	200,000	598,800	-	-	-	-	-
Debt-Sewer Revenue	200,000	836,400	-	-	-	-	-
County	-	370,600	-	-	-	-	-
Total Sources of Funds	\$ 900,000	\$ 7,176,000	\$ -	\$ -	\$ -	\$ -	\$ -
Uses							
Street	\$ 500,000	\$ 3,851,400	\$ -	\$ -	\$ -	\$ -	\$ -
Water Main	200,000	606,000	-	-	-	-	-
Sanitary Sewer	200,000	841,000	-	-	-	-	-
Storm Sewer	-	1,182,000	-	-	-	-	-
Street Lighting	-	223,000	-	-	-	-	-
Park Improvement Allowance	-	297,600	-	-	-	-	-
Trail	-	175,000	-	-	-	-	-
Total Uses of Funds	\$ 900,000	\$ 7,176,000	\$ -	\$ -	\$ -	\$ -	\$ -

These improvements would be consistent with the city's street/infrastructure efforts in recent years and in accordance with the city's street renewal assessment policies. The streets in these areas do not have concrete curb and gutter and have minimal storm water collection and treatment systems.

Lexington Ave Reconstruction

PWA 28

City participation in Ramsey County's reconstruction of Lexington Avenue from I-694 to County Road E. The proposed project would consist of Lexington Avenue and associated intersections to address traffic congestion issues. The project would also include drainage improvements and the replacement of the city owned water main. Assessments in the amount of \$150,000 are for a traffic signal.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
MSA	\$ -	\$ -	\$ 345,000	\$ -	\$ -	\$ -	\$ -
Debt-Water Revenue	-	-	800,000	-	-	-	-
Debt-Sewer Revenue	-	-	125,000	-	-	-	-
Debt-Special Assessments	-	-	150,000	-	-	-	-
Total Sources of Funds	\$ -	\$ -	\$ 1,420,000	\$ -	\$ -	\$ -	\$ -
Uses							
Street	\$ -	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ -
Traffic Signal	-	-	360,000	-	-	-	-
Water Main	-	-	800,000	-	-	-	-
Sanitary Sewer	-	-	125,000	-	-	-	-
Total Uses of Funds	\$ -	\$ -	\$ 1,420,000	\$ -	\$ -	\$ -	\$ -

Per Ramsey County's State Aid Highway (CSAH) cost participation policy and practices, the city will be required to fund portions of the costs related to the project. An understanding of the extent of the improvements and funding requirements of the city is being developed through participation in the planning process. The city owned water main located in the project area consists of cast iron pipe, which is relatively brittle and many breaks have occurred in the project area in the last few years. Disturbances of the soils related to the Ramsey County project increase the risk of water main failures after construction is completed. It has been the city's practice to upgrade cast iron water main pipe when other types of construction work will disturb the original water main installation.

Highway 49/Hodgson (H96-Gramsie)

PWA12

City participation in Ramsey County's reconstruction of Highway 49, from Gramsie Road to Highway 96. The proposed project would consist of road construction to modern suburban standards, and potentially include the installation of concrete curb and gutter, drainage improvements, sidewalks/trails, additional through and turn lanes, and relocation or rehabilitation of City-owned water main and sanitary sewers. The project would also include geometric revisions and permanent signalization of the Snail Lake Road intersection. Assessments for the project totaling \$75,000 are for storm sewer.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
MSA	\$ -	\$ -	\$ -	\$ 218,000	\$ -	\$ -	\$ -
Street Lighting Fund	-	-	-	12,000	-	-	-
Community Investment	-	-	-	94,000	-	-	-
Debt-Special Assessments	-	-	-	75,000	-	-	-
Debt-Water Revenue	-	-	-	54,000	-	-	-
Debt-Sewer Revenue	-	-	-	44,000	-	-	-
Total Sources of Funds	\$ -	\$ -	\$ -	\$ 497,000	\$ -	\$ -	\$ -
Uses							
Traffic Signal	\$ -	\$ -	\$ -	\$ 158,000	\$ -	\$ -	\$ -
Trail	-	-	-	94,000	-	-	-
Water Main	-	-	-	54,000	-	-	-
Sanitary Sewer	-	-	-	44,000	-	-	-
Storm Sewer	-	-	-	107,000	-	-	-
Street Lighting	-	-	-	40,000	-	-	-
Total Uses of Funds	\$ -	\$ -	\$ -	\$ 497,000	\$ -	\$ -	\$ -

Per Ramsey County's County State Aid Highway (CSAH) cost participation policy and practices, corresponding to Minnesota Trunk Highway Turnback funding, the city will be required to fund portions of the costs related to right-of-way acquisition, parking and/or turn lanes, drainage improvements, city-owned utility upgrades or repairs and off-street pedestrian improvements. An understanding of the extent of the improvements and funding requirements of the city is being developed through participation in a corridor planning process that is expected to identify Highway 49 priorities.

Hamline Avenue Reconstruction

PWA 29

Complete reconstruction of the road surface and subgrade of Hamline Avenue from the north junction of County Road I to Lexington Avenue. The project would include the addition of concrete curb and gutter, installation of a stormwater collection and treatment system, addition of water main, extension of sanitary sewer and installation of an off-street bituminous trail. Reconstruction of County Road I south of Hamline to include a 30mph curve and extension of the bituminous trail along County Road I east to Shamrock Park and to the west to Wood Duck Court. Assessments for the project, totaling \$32,000, are for streets (\$22,400), sanitary sewer (\$6,000) and storm sewer (\$3,600).

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
County	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000
MSA	-	-	-	-	-	-	2,744,000
Debt-Special Assessments	-	-	-	-	-	-	32,000
Debt-Water Revenue	-	-	-	-	-	-	40,000
Debt-Sewer Revenue	-	-	-	-	-	-	24,000
Total Sources of Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,290,000
Uses							
Street	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,905,000
Trail	-	-	-	-	-	-	450,000
Water Main	-	-	-	-	-	-	40,000
Sanitary Sewer	-	-	-	-	-	-	30,000
Storm Sewer	-	-	-	-	-	-	700,000
Street Lighting	-	-	-	-	-	-	165,000
Total Uses of Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,290,000

The improvements are consistent with the city's street infrastructure efforts in recent years, and in accordance with the city's street renewal policies. The street does not have concrete curb and gutter and a stormwater collection and treatment system.

Street Rehabilitation

PWA 1

This project includes the rehabilitation of street segments throughout the city.

2019 costs include:

- \$2,240,000 - Includes the rehabilitation of local street segments at various locations throughout the city. The actual locations will be based on pavement condition as determined by the city's Pavement Management Program established as part of the street rehabilitation plan adopted as part of bonding requirements, and coordinated with other infrastructure installations and upgrades.

2022 costs include:

- \$2,700,000 - Includes the rehabilitation of local street segments at various locations throughout the city. The actual locations will be based on pavement condition as determined by the city's Pavement Management Program established as part of the street rehabilitation plan adopted as part of bonding requirements, and coordinated with other infrastructure installations and upgrades.

2024 costs include:

- \$2,486,000 - Includes the rehabilitation of local street segments at various locations throughout the city. The actual locations will be based on pavement condition as determined by the city's Pavement Management Program established as part of the street rehabilitation plan and coordinated with other infrastructure installations and upgrades.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Property Taxes	\$ 1,818,455	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ -
Debt-Sewer Revenue	127,000	-	-	-	-	-	-
Debt-Surface Water Revenue	100,000	-	-	200,000	-	200,000	-
MSA	129,545	-	-	-	-	-	-
Community Investment	65,000	-	-	-	-	-	-
Street Renewal Fund	-	-	-	-	-	2,286,000	-
Total Sources of Funds	\$ 2,240,000	\$ -	\$ -	\$ 2,700,000	\$ -	\$ 2,486,000	\$ -
Uses							
Street	\$ 1,948,000	\$ -	\$ -	\$ 2,500,000	\$ -	\$ 2,286,000	\$ -
Storm Sewer	100,000	-	-	200,000	-	200,000	-
Sidewalk	65,000	-	-	-	-	-	-
Sanitary Sewer	127,000	-	-	-	-	-	-
Total Uses of Funds	\$ 2,240,000	\$ -	\$ -	\$ 2,700,000	\$ -	\$ 2,486,000	\$ -

The 2019 and 2022 projects will be modeled after Shoreviews 2013 and 2018 Street Rehabilitation initiative, and address local street segment resurfacing needs at various locations throughout the city.

The 2024 project will address local street segment resurfacing needs at various locations throughout the city.

Wabasso Neighborhood

PWA 8

Complete reconstruction of the road surface of streets located on the east side of Lake Wabasso with access off Soo Street. This area includes Cottage Place, Janice Street, Wabasso Avenue, Centre Street, and the Janice Street alley. The project would also include the addition of concrete curb and gutter, water main repair, sanitary sewer repair and replacement of services, installation of a storm water collection and treatment system and the installation of street lights. Assessments for the project, totaling \$71,915, are for storm (\$18,415), street (\$51,000) and water (\$2,500).

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Street Renewal Fund	\$ 779,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Street Lighting Fund	20,000	-	-	-	-	-	-
Debt-Special Assessments	71,915	-	-	-	-	-	-
Debt-Water Revenue	212,500	-	-	-	-	-	-
Debt-Sewer Revenue	220,000	-	-	-	-	-	-
Debt-Surface Water Revenue	431,585	-	-	-	-	-	-
Community Investment	70,000	-	-	-	-	-	-
Total Sources of Funds	\$ 1,805,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Uses							
Street	\$ 830,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Main	215,000	-	-	-	-	-	-
Sanitary Sewer	220,000	-	-	-	-	-	-
Storm Sewer	450,000	-	-	-	-	-	-
Street Lighting	20,000	-	-	-	-	-	-
Trail	70,000	-	-	-	-	-	-
Total Uses of Funds	\$ 1,805,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

These improvements are consistent with the city's street/infrastructure efforts in recent years, and in accordance with the city's street renewal and assessment policies. The streets in these areas do not currently have curb and gutter.

Edgetown Acres-Schutta/Lois/Hillview

PWA 13

Complete reconstruction of the road surface of Lois Drive & Hillview Road from Fairview Avenue to Snelling Avenue, Aldine Street, Fairview Avenue, and Pinewood Drive, Terrace Drive, and Oakwood Drive from Fairview Avenue to Aldine Street. The project would include the addition of concrete curb & gutter, water main repair, sanitary sewer repair, installation of a stormwater collection & treatment system, and installation of street lights. Assessments to the residents for the project totaling \$628,320 are for street (\$369,600) and storm (\$258,720). □

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Special Assessments	\$ -	\$ 318,240	\$ 310,080	\$ -	\$ -	\$ -	\$ -
Street Renewal Fund	-	1,337,800	1,457,600	-	-	-	-
Debt-Water Revenue	-	100,000	100,000	-	-	-	-
Debt-Sewer Revenue	-	550,000	550,000	-	-	-	-
Debt-Surface Water Revenue	-	418,960	422,320	-	-	-	-
Street Lighting Fund	-	145,000	150,000	-	-	-	-
Total Sources of Funds	\$ -	\$ 2,870,000	\$ 2,990,000	\$ -	\$ -	\$ -	\$ -
Uses							
Street	\$ -	\$ 1,525,000	\$ 1,640,000	\$ -	\$ -	\$ -	\$ -
Water Main	-	100,000	100,000	-	-	-	-
Sanitary Sewer	-	550,000	550,000	-	-	-	-
Storm Sewer	-	550,000	550,000	-	-	-	-
Street Lighting	-	145,000	150,000	-	-	-	-
Total Uses of Funds	\$ -	\$ 2,870,000	\$ 2,990,000	\$ -	\$ -	\$ -	\$ -

These improvements are consistent with the city's street/infrastructure efforts in recent years, and in accordance with the city's street renewal and assessment policies. The streets in these areas do not currently have curb and gutter.

Park Facility Replacements

PKA1

This project provides an allowance for park replacements, funded by the capital asset replacement fund. A description of planned costs by park is provided below.

Bucher Park costs include:

- 2019 - \$55,000 fencing replacement, concrete in bench areas
- 2022 - \$29,000 replace park lighting

Commons Park costs include:

- 2019 - \$ 37,308 Commons area and Highway 96 landscaping
- 2019 - \$95,000 playground replacement
- 2019 - \$350,000 skate park replacement
- 2019 - \$205,000 parking lot and trail replacement
- 2020 - \$40,000 Commons area and Highway 96 landscaping, including mulch
- 2021 - \$30,000 replace Commons area and Highway 96 landscaping
- 2022 - \$25,000 tennis/basketball court fence replacement
- 2023 - \$10,000 mulch Highway 96

Heritage Park costs include:

- 2020 - \$6,000 paint exterior trim, windows and porches

Lake Judy Park costs include:

- 2023 - \$100,000 playground replacement

McCullough Park costs include:

- 2020 - \$35,000 replace park lighting
- 2020 - \$10,000 replace hockey rink boards
- 2021 - \$25,000 add concrete slabs to ballfield benches
- 2021 - \$5,000 replace Frank Viola
- 2022 - \$125,000 playground replacement
- 2022 - \$15,000 replace concrete around building

Rice Creek Park costs include:

- 2020 - \$75,000 playground replacement
- 2021 - \$60,000 replace fencing

Shamrock Park costs include:

- 2020 - \$175,000 playground replacement including concrete curbing
- 2025 - \$10,000 replace hockey rink boards

Sitzer Park costs include:

- 2025 - \$10,000 replace hockey rink boards

Theisen Park costs include:

- 2022 - \$10,000 replace park lighting

Wilson Park costs include:

- 2021 - \$12,000 soil tests

All sites costs include:

- 2020 - \$9,000 ADA compliance
- 2020 - \$50,000 replace irrigation controllers
- 2020 - \$50,000 Park Master Plan
- 2020 - \$7,500 replace recycling receptacles
- 2021 - \$25,000 park rules and way finding map signage
- 2021 - \$30,000 park building card access

Allowance Include:

- 2023 - \$100,000 projects to be determined
- 2024 - \$100,000 projects to be determined

Park Facility Replacements (continued)

PKA1

	2019	2020	2021	2022	2023	2024	2025
	Estimate	Planned	Planned	Planned	Planned	Planned	Planned
Resources							
Capital Asset Replacement	\$ 742,308	\$ 457,500	\$ 187,000	\$ 204,000	\$ 210,000	\$ 100,000	\$ 20,000
Total Sources of Funds	\$ 742,308	\$ 457,500	\$ 187,000	\$ 204,000	\$ 210,000	\$ 100,000	\$ 20,000
Uses							
Commons Park	\$ 687,308	\$ 40,000	\$ 30,000	\$ 25,000	\$ 10,000	\$ -	\$ -
Wilson Park	-	-	12,000	-	-	-	-
Rice Creek Park	-	75,000	60,000	-	-	-	-
Ponds Park							
Theisen Park	-	-	-	10,000	-	-	-
Bucher Park	55,000	-	-	29,000	-	-	-
Repair/Replacement Allowance	-	-	-	-	100,000	100,000	-
McCullough Park	-	45,000	30,000	140,000	-	-	-
Shamrock Park	-	175,000	-	-	-	-	10,000
Lake Judy Park	-	-	-	-	100,000	-	-
Sitzer Park	-	-	-	-	-	-	10,000
Heritage Park	-	6,000	-	-	-	-	-
All park sites	-	116,500	55,000	-	-	-	-
Total Uses of Funds	\$ 742,308	\$ 457,500	\$ 187,000	\$ 204,000	\$ 210,000	\$ 100,000	\$ 20,000

An allowance is included in the city's infrastructure replacement plan for routine repair and replacement of amenities in city parks. Periodic replacement of park improvements is necessary to maintain the appearance and condition of the parks, and to remain in compliance with legal standards.

Park Facility Improvements

PKA 2

Park improvements planned throughout the community, and supported by the community investment fund, include:

Commons Park:

- 2019 - \$2,850,000 Commons Master Plan improvements
- 2021 - \$2,000,000 Commons Master Plan Improvements

McCullough Park:

- 2025 - \$750,000 refurbish park

Shamrock Park:

- 2023 - \$750,000 refurbish park

Theisen Park

- 2020 - \$200,000 add pickleball courts
- 2020 - \$8,000 add booster pump to irrigation

Allowances:

- 2020 - \$12,000 add Maintrac VSI software program

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Community Investment	\$ 2,850,000	\$ 220,000	\$ 2,000,000	\$ -	\$ 750,000	\$ -	\$ 750,000
Total Sources of Funds	\$ 2,850,000	\$ 220,000	\$ 2,000,000	\$ -	\$ 750,000	\$ -	\$ 750,000
Uses							
Commons Park	\$ 2,850,000	\$ -	\$ 2,000,000	\$ -	\$ -	\$ -	\$ -
McCullough Park	-	-	-	-	-	-	750,000
Shamrock Park	-	-	-	-	750,000	-	-
Theisen Park	-	208,000	-	-	-	-	-
Repair/Replacement Allowance	-	12,000	-	-	-	-	-
Total Uses of Funds	\$ 2,850,000	\$ 220,000	\$ 2,000,000	\$ -	\$ 750,000	\$ -	\$ 750,000

Periodic improvements to park facilities are necessary to keep the parks in good condition and an asset to the neighborhoods.

Parking & Driveways/City-Owned Facilities

PWA 30

Rehabilitation or replacement of parking lots and driveways at fire stations and city-owned facilities, including: city hall, community center and city parks. Planned costs include:

- 2019 - \$50,000 Fire station #2 replace driveway/parking lot
- 2025 - \$100,000 City hall and community center parking lot rehabilitation

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 30,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Other Local Government	19,200	-	-	-	-	-	-
Total Sources of Funds	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Uses							
Fire Station #2	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
City Hall/Community Ctr	-	-	-	-	-	-	100,000
Total Uses of Funds	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000

Shoreview's comprehensive infrastructure replacement plan, which is updated biennially, provides for the replacement and maintenance of these areas.

Tennis & Basketball Court Pavement

PKA 6

Periodic sealcoat and/or color coat of tennis and basketball courts in city parks. Planned costs include:

- 2019 - \$29,200 Commons Park court resurfacing
- 2019 - \$25,500 Sitzer Park court resurfacing
- 2020 - \$15,000 Lake Judy court resurfacing
- 2020 - \$12,000 replace backboards various sites
- 2020 - \$40,000 Wilson Park court resurfacing
- 2022 - \$55,000 Theisen Park court resurfacing
- 2023 - \$40,000 Bucher Park court resurfacing
- 2024 - \$40,000 Shamrock Park court resurfacing
- 2025 - \$40,000 McCullough Park court resurfacing

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 54,700	\$ 67,000	\$ -	\$ 55,000	\$ 40,000	\$ 40,000	\$ 40,000
Total Sources of Funds	\$ 54,700	\$ 67,000	\$ -	\$ 55,000	\$ 40,000	\$ 40,000	\$ 40,000
Uses							
Bucher Park	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ -
Commons Park	29,200	-	-	-	-	-	-
McCullough Park	-	-	-	-	-	-	40,000
Sitzer Park	25,500	-	-	-	-	-	-
Wilson Park	-	40,000	-	-	-	-	-
Theisen Park	-	-	-	55,000	-	-	-
Various park sites	-	12,000	-	-	-	-	-
Lake Judy Park	-	15,000	-	-	-	-	-
Shamrock Park	-	-	-	-	-	40,000	-
Total Uses of Funds	\$ 54,700	\$ 67,000	\$ -	\$ 55,000	\$ 40,000	\$ 40,000	\$ 40,000

An allowance is included in the city's comprehensive infrastructure replacement plan for routine repair and replacement of park amenities. Routine replacement of court surfaces is necessary to maintain the appearance and condition, as well as to preserve the use for residents.

Park Building Rehabilitation

PKA7

Provide an allowance for park building replacements. Planned costs include:

Commons Park:

- 2021 - \$50,000 replace cedar roofing

Heritage Park:

- 2020 - \$20,000 exterior and interior painting

Rice Creek Park:

- 2020 - \$15,000 replacement and staining of all cedar on buildings

Theisen Park:

- 2024 - \$18,000 miscellaneous repairs

Wilson Park:

- 2025 - \$27,000 miscellaneous building repairs

Replacement Allowance

- 2019 - \$15,000 miscellaneous park building repairs
- 2022 - \$15,000 miscellaneous park building repairs
- 2025 - \$15,000 miscellaneous park building repairs

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 15,000	\$ 35,000	\$ 50,000	\$ 15,000	\$ -	\$ 18,000	\$ 42,000
Total Sources of Funds	\$ 15,000	\$ 35,000	\$ 50,000	\$ 15,000	\$ -	\$ 18,000	\$ 42,000
Uses							
Rice Creek Park	\$ -	\$ 15,000	\$ -	\$ -	\$ -	\$ -	\$ -
Repair/Replacement Allowance	15,000	-	-	15,000	-	-	15,000
Commons Park	-	-	50,000	-	-	-	-
Heritage Park	-	20,000	-	-	-	-	-
Theisen Park	-	-	-	-	-	18,000	-
Wilson Park	-	-	-	-	-	-	27,000
Total Uses of Funds	\$ 15,000	\$ 35,000	\$ 50,000	\$ 15,000	\$ -	\$ 18,000	\$ 42,000

An allowance for park building repairs and replacements is included in the city's comprehensive infrastructure replacement plan. Periodic repair and replacement is necessary to maintain the condition of park buildings.

Trail Rehabilitation and Extension

PWA 20

Rehabilitation of the pavement surface on paved trails throughout the city. This project may consist of replacement of the pavement surface, or providing a protective coating, such as a sealcoat, to extend the life of the trail segments.

Scheduled rehabilitation of paths located in these areas:

- 2019 for trail segments to be determined in the future
- 2020 for trail segments to be determined in the future
- 2021 for trail segments to be determined in the future
- 2022 for trail segments to be determined in the future
- 2023 for trail segments to be determined in the future
- 2024 for trail segments to be determined in the future
- 2025 for trail segments to be determined in the future

Scheduled extensions include:

- 2019 - \$515,000 County Road E, from Vivian to Lexington
- 2020 - \$150,000 Snail Lake trail rehabilitation and extensions
- 2020 - \$100,000 Upgrade unimproved trail between the Gramsie Road/Chatsworth Street intersection and the East dead end of Gramsie Road

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 80,000	\$ 80,000	\$ 80,000	\$ 181,600	\$ 83,200	\$ 84,900	\$ 86,600
Community Investment	287,000	250,000	-	-	-	-	-
County	228,000	-	-	-	-	-	-
Total Sources of Funds	\$ 595,000	\$ 330,000	\$ 80,000	\$ 181,600	\$ 83,200	\$ 84,900	\$ 86,600
Uses							
Trail	\$ 595,000	\$ 330,000	\$ 80,000	\$ 181,600	\$ 83,200	\$ 84,900	\$ 86,600
Total Uses of Funds	\$ 595,000	\$ 330,000	\$ 80,000	\$ 181,600	\$ 83,200	\$ 84,900	\$ 86,600

To preserve the integrity and extend the life of bituminous trails and concrete sidewalks throughout the city's trail system. Replacement or rehabilitation of trail assets are planned in accordance with the city's comprehensive infrastructure replacement plan, updated biennially.

Construction of a trail segment along County Road E between Vivian Avenue and Lexington Avenue to complete a trail connection and link residential areas to the commercial area along Lexington Avenue.

Reconstruction of Snail Lake trail segments and construction of a new trail segment to create an at-grade crossing of Gramsie Road due to flooding and high water levels.

Recent developments in the Gramsie Road area have increased pedestrian traffic. The Gramsie Road trail segment was recommended by the Bike and Trail Committee.

Fire Stations

ADM1

A repair and replacement allowance for fire stations, intended to cover equipment, furnishings and minor maintenance items. The cost shown in the table below represents Shoreview's share of costs (61%). Specific items planned for each station are listed below.

Station #2 costs include:

- 2019 - \$3,696 kitchen table/chairs
- 2020 - \$1,833 replace lounge chairs
- 2020 - \$25,662 replace windows, West end
- 2021 - \$9,165 interior painting
- 2023 - \$15,000 allowance
- 2024 - \$8,000 allowance
- 2025 - \$15,000 allowance

Station #3 costs include:

- 2019 - \$24,640 resurface bay floors
- 2019 - \$1,971 training room adjustable table/cabinet
- 2019 - \$3,080 conference room chairs
- 2020 - \$9,776 interior painting
- 2020 - \$1,100 replace white board
- 2022 - \$28,717 resurface bay floors
- 2023 - \$15,000 allowance
- 2024 - \$8,000 allowance
- 2025 - \$15,000 allowance

Station #4 costs include:

- 2020 - \$1,833 lounge chairs
- 2020 - \$1,833 pallet rack
- 2020 - \$3,666 kitchen table/chairs
- 2021 - \$9,165 interior painting
- 2023 - \$10,000 allowance
- 2024 - \$9,000 allowance
- 2025 - \$10,000 allowance

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 33,387	\$ 45,703	\$ 18,330	\$ 28,717	\$ 40,000	\$ 25,000	\$ 40,000
Total Sources of Funds	\$ 33,387	\$ 45,703	\$ 18,330	\$ 28,717	\$ 40,000	\$ 25,000	\$ 40,000
Uses							
Fire Station #2	3,696	27,495	9,165	-	15,000	8,000	15,000
Fire Station #3	29,691	10,876	-	28,717	15,000	8,000	15,000
Fire Station #4	-	7,332	9,165	-	10,000	9,000	10,000
Total Uses of Funds	\$ 33,387	\$ 45,703	\$ 18,330	\$ 28,717	\$ 40,000	\$ 25,000	\$ 40,000

Routine repairs and replacements are necessary to maintain the condition and appearance of the buildings, and to protect the investment in the buildings. In addition, there is a need for replacement of equipment and furnishings within the fire stations.

General Government Buildings

ADM 6

Replacements, rehabilitation and improvements to municipal buildings, including the council chambers, and general government equipment.

Equipment includes:

- 2019 - \$75,000 audio/security cameras/wifi for Shoreview Commons
- 2021 - \$50,000 replace council chamber cameras

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Cable Television Fund	\$ 75,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Total Sources of Funds	\$ 75,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Uses							
Equipment-General	\$ 75,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -
Total Uses of Funds	\$ 75,000	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -

Periodic replacement of camera and sound equipment is necessary to maintain functionality for broadcasting public meetings.

Community Center Rehabilitation

CC1

A repair/replacement allowance for mechanical systems and other building replacements provides for the following costs:

Building costs include:

- 2019 - \$24,321 remodel Childcare room
- 2020 - \$40,000 remodel service desk
- 2021 - \$10,000 remodel park & recreation breakroom
- 2022 - \$35,000 resurface deck
- 2023 - \$100,000 allowance, projects to be determined
- 2024 - \$75,000 replace skylights in main lobby
- 2025 - \$155,000 allowance, projects to be determined

Carpet/flooring costs include:

- 2021 - \$95,000 replace carpet on upper level
- 2023 - \$52,000 replace carpet in council chambers
- 2024 - \$80,000 replace lower level carpet
- 2025 - \$50,000 replace carpet in meeting and activity rooms

Mechanical System costs include:

- 2023 - \$800,000 replace AHU #4 for Tropics pool
- 2023 - \$50,000 replace fitness locker room water heater

Gymnasium costs include:

- 2019 - \$12,600 replace gym curtain

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 36,921	\$ 40,000	\$ 105,000	\$ 35,000	\$ 1,002,000	\$ 155,000	\$ 205,000
Total Sources of Funds	\$ 36,921	\$ 40,000	\$ 105,000	\$ 35,000	\$ 1,002,000	\$ 155,000	\$ 205,000
Uses							
Municipal Buildings	\$ 24,321	\$ 40,000	\$ 10,000	\$ 35,000	\$ 100,000	\$ 75,000	\$ 155,000
Carpet/flooring	-	-	95,000	-	52,000	80,000	50,000
Mechanical Systems	-	-	-	-	850,000	-	-
Gymnasium	12,600	-	-	-	-	-	-
Total Uses of Funds	\$ 36,921	\$ 40,000	\$ 105,000	\$ 35,000	\$ 1,002,000	\$ 155,000	\$ 205,000

The age of mechanical systems and volume of use at the community center increase the need for mechanical system repairs and other building replacements. Completion of these repairs in a timely manner is necessary to maintain the appearance of the building, to protect the investment in the building, and to retain customers. An allowance is included in the city's infrastructure replacement plan so that routine and periodic repairs can be made without impacting the community center operating budget.

Banquet Facility

CC 2

A repair and replacement allowance for the banquet room facilities and furnishings. Planned costs are listed below.

Furniture costs include:

- 2025 - \$65,000 banquet chair refurbish

Banquet room repairs include:

- 2019 - \$5,408 replace Shoreview Room entrance doors
- 2020 - \$90,000 replace movable walls in Community Room
- 2021 - \$20,000 miscellaneous repairs
- 2022 - \$15,000 miscellaneous repairs
- 2023 - \$15,000 miscellaneous repairs
- 2024 - \$15,000 miscellaneous repairs
- 2025 - \$25,000 moveable wall refurbish
- 2025 - \$15,000 miscellaneous repairs

Carpet replacement includes:

- 2024 - \$35,000 Shoreview Room carpet

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 5,408	\$ 90,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ 50,000	\$ 105,000
Total Sources of Funds	\$ 5,408	\$ 90,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ 50,000	\$ 105,000
Uses							
Furniture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,000
Banquet Room Repairs	5,408	90,000	20,000	15,000	15,000	15,000	40,000
Carpet/flooring	-	-	-	-	-	35,000	-
Total Uses of Funds	\$ 5,408	\$ 90,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ 50,000	\$ 105,000

The volume of banquet room use, for weddings, receptions, summer discovery, and other activities causes wear and tear on the facility. Completion of these repairs in a timely manner is necessary to maintain the appearance of the facility, to protect the investment in the building and to retain customers. An allowance is included in the city's comprehensive infrastructure replacement plan so that routine and periodic repairs can be made without impacting the community center operating budget.

Pool & Locker Room Areas

CC 3

A repair and replacement allowance for the pool and locker room areas at the community center. Planned costs are listed below.

Pool/whirlpool replacement costs include:

- 2019 - \$20,000 replace pool floatable
- 2021 - \$11,000 replace whirlpool UV system
- 2021 - \$17,000 replace pool floatable
- 2022 - \$20,000 replace tile around whirlpool
- 2024 - \$15,000 replace main pool heater

Locker room replacement includes:

- 2019 - \$46,000 replace wooden lockers in fitness locker rooms
- 2021 - \$179,000 replace lockers in pool locker rooms

Water slide repair/replacements include:

- 2019 - \$10,000 water slide refurbish
- 2020 - \$70,000 replace water slide stair treads and railings
- 2020 - \$30,000 replace rock slide in Bamboo Bay
- 2021 - \$10,000 water slide refurbish
- 2022 - \$203,000 replace waterslide

Repair and replacement allowances include:

- 2019 - \$20,000 replace zero beach railing
- 2020 - \$20,000 replace lily pads on water walk
- 2020 - \$20,000 replace lily pad anchor points
- 2023 - \$100,000 replace zero beach feature
- 2025 - \$65,000 replace Kalwall in Tropics

	2019	2020	2021	2022	2023	2024	2025
	Estimate	Planned	Planned	Planned	Planned	Planned	Planned
Resources							
Capital Asset Replacement	\$ 96,000	\$ 140,000	\$ 217,000	\$ 223,000	\$ 100,000	\$ 15,000	\$ 65,000
Total Sources of Funds	\$ 96,000	\$ 140,000	\$ 217,000	\$ 223,000	\$ 100,000	\$ 15,000	\$ 65,000
Uses							
Pool/Whirlpool	\$ 20,000	\$ -	\$ 28,000	\$ 20,000	\$ -	\$ 15,000	\$ -
Locker Rooms	46,000	-	179,000	-	-	-	-
Water Slide	10,000	100,000	10,000	203,000	-	-	-
Repair/Replacement Allowance	20,000	40,000	-	-	100,000	-	65,000
Total Uses of Funds	\$ 96,000	\$ 140,000	\$ 217,000	\$ 223,000	\$ 100,000	\$ 15,000	\$ 65,000

The volume of use of pool and locker room facilities throughout the year causes wear and tear on the facility. Completion of these repairs in a timely manner is necessary to maintain the appearance of the facility, to protect the investment in the building and to retain customers. An allowance is included in the city's comprehensive infrastructure replacement plan so that routine and periodic repairs can be made without impacting the community center operating budget.

Furniture & Equipment

CC 4

A repair and replacement allowance for community center furniture and equipment. Planned costs are listed below.

Fitness equipment replacement allowances include:

- 2019 - \$50,000
- 2020 - \$50,000
- 2021 - \$80,000
- 2022 - \$50,000
- 2023 - \$50,000
- 2024 - \$50,000
- 2025 - \$50,000

Furniture replacement costs include:

- 2019 - \$100,000 refurbish modular office furniture in city hall
- 2020 - \$25,000 replace fireside lounge furniture

Equipment costs include:

- 2020 - \$12,000 replace auto fryer at Wave Café
- 2020 - \$8,000 replace Wave Café display case
- 2021 - \$12,000 replace auto fryer at Wave Café
- 2021 - \$15,000 replace large carpet extractor
- 2022 - \$25,000 replace Shoreview Room kitchen equipment
- 2025 - \$18,000 replace Community Room kitchen equipment

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 150,000	\$ 95,000	\$ 107,000	\$ 75,000	\$ 50,000	\$ 50,000	\$ 68,000
Total Sources of Funds	\$ 150,000	\$ 95,000	\$ 107,000	\$ 75,000	\$ 50,000	\$ 50,000	\$ 68,000
Uses							
Equipment-Fitness	\$ 50,000	\$ 50,000	\$ 80,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Furniture	100,000	25,000	-	-	-	-	-
Equipment-Community Center	-	20,000	27,000	25,000	-	-	18,000
Total Uses of Funds	\$ 150,000	\$ 95,000	\$ 107,000	\$ 75,000	\$ 50,000	\$ 50,000	\$ 68,000

The volume of use of the community center facility throughout the year causes wear and tear on furniture and equipment. Completion of these repair/replacements in a timely manner is necessary to maintain the appearance of the facility, to protect the investment in the building and to retain customers. An allowance is included in the city's comprehensive infrastructure replacement plan so that routine and periodic repairs can be made without impacting the community center operating budget.

Community Center Improvements

CC10

Planned community center improvements and allowances for improvements to be determined in the future are listed below.

Building costs include:

- 2019 - \$7,363 cubbies in playground
- 2019 - \$7,410 protective wall coverings in activity rooms
- 2019 - \$20,850 safety railings Bamboo Bay roof
- 2020 - \$12,000 add Maintenance Trac to VSI

Improvement allowances include:

- 2020 - \$38,000 for items to be determined later
- 2021 - \$50,000 for items to be determined later
- 2022 - \$50,000 for items to be determined later
- 2023 - \$50,000 for items to be determined later
- 2024 - \$50,000 for items to be determined later
- 2025 - \$50,000 for items to be determined later

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Community Investment	\$ 35,623	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Sources of Funds	\$ 35,623	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Uses							
Municipal Buildings	\$ 35,623	\$ 12,000	\$ -	\$ -	\$ -	\$ -	\$ -
Improvement Allowance	-	38,000	50,000	50,000	50,000	50,000	50,000
Total Uses of Funds	\$ 35,623	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

To preserve the vitality of the community center and continue to generate income in support of operating costs, it is important to offer new experiences to customers through periodic changes to the community center facility.

Water Systems

PWA 5

This project includes improvements to the city's water system.

2019 costs include:

- \$125,000 - Well motor and electrical upgrades to be determined in the future.
- \$740,000 - Installation of water mains to connect dead-ends on County Road E between Vivian Avenue and 1,000 feet east of Lexington Avenue. Replacement of water mains on Chandler Road between Owasso Boulevard North and Harriet Avenue. Extend watermains and services to properties on St. Albans Court, not currently served by city water. Assessments for the project totaling \$92,700 are for water (\$84,000) and Source and Supply (\$8,700).

2022 costs include:

- \$135,000 - Well motor and electrical upgrades to be determined in the future.
- \$400,000 - Installation of water mains to connect dead-ends on Rice Street between Snail Lake Road and Bridge Street. Increase the size of pipe between the existing water main in the I-694 right of way and the existing water main in Victoria Street, south of the I-694 overpass.

2023 costs include:

- \$135,000 - Well motor and electrical upgrades to be determined in the future.
- \$700,000 - North tower interior wet rehabilitation and surface recoating.

2024 costs include:

- \$135,000 - Well motor and electrical upgrades to be determined in the future.

2025 costs include:

- \$900,000 - North Tower exterior rehabilitation and surface recoating
- \$1,000,000 - Rehabilitate or replace portions of the Cities water distribution system in various locations throughout the city.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Water Revenue	\$ 781,000	\$ -	\$ -	\$ 535,000	\$ 835,000	\$ 135,000	\$ 1,900,000
Debt-Special Assessments	84,000	-	-	-	-	-	-
Total Sources of Funds	\$ 865,000	\$ -	\$ -	\$ 535,000	\$ 835,000	\$ 135,000	\$ 1,900,000
Uses							
Water Tower	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ -	\$ 900,000
Utility System Controls	125,000	-	-	135,000	135,000	135,000	-
Water Main	740,000	-	-	400,000	-	-	1,000,000
Total Uses of Funds	\$ 865,000	\$ -	\$ -	\$ 535,000	\$ 835,000	\$ 135,000	\$ 1,900,000

Improvements, rehabilitation, cleaning and inspection of the city's water system are planned in accordance with the city's comprehensive infrastructure replacement plan, which is reviewed and updated biennially.

The well motors and electrical panels are nearing the end of their service life. Upgrades are required to maintain the city's water source supply infrastructure.

Extend water mains to areas currently not serviced by city water and create loops in the system by correcting dead-ends in various areas throughout the city, to improve the overall performance of the system by equalizing flow and pressure and providing redundant feed points.

Sanitary Sewer Rehabilitation

PWA 6

The repair or rehabilitation of high-maintenance or defective sanitary sewer segments located within the city through technology or construction techniques which are unavailable to city maintenance crews. For instance, the city is actively pursuing the use of trenchless methods, and/or pipe re-lining, as an alternative to excavating in existing streets/neighborhoods. The following improvements are planned:

- 2019 - \$950,000 miscellaneous areas throughout the city identified as highly susceptible to infiltration.
- 2022 - \$471,000 miscellaneous areas throughout the city identified as highly susceptible to infiltration.
- 2025 - \$760,000 miscellaneous areas throughout the city identified as highly susceptible to infiltration.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Sewer Revenue	\$ 950,000	\$ -	\$ -	\$ 471,000	\$ -	\$ -	\$ 760,000
Total Sources of Funds	\$ 950,000	\$ -	\$ -	\$ 471,000	\$ -	\$ -	\$ 760,000
Uses							
Sanitary Sewer	\$ 950,000	\$ -	\$ -	\$ 471,000	\$ -	\$ -	\$ 760,000
Total Uses of Funds	\$ 950,000	\$ -	\$ -	\$ 471,000	\$ -	\$ -	\$ 760,000

Various sections of the city's sanitary sewer system are in need of repair or rehabilitation. Often, leaky and/or broken pipes and manholes are responsible for groundwater infiltration into the sewage system, resulting in higher sewage treatment costs for the city. The pipes and manholes in need of repair are also more likely to fail, resulting in sewage back-ups and resulting damage claims.

Sanitary Sewer Lift Stations

PWA 3

Sewer lift station improvements include updates and replacement of lift station equipment as well as system controls and monitoring capability.

Scheduled replacements and upgrades include:

- 2019 - Update and improvements at the North Lexington lift station
- 2021 - Update 5 lift stations including: South Carlson, Reiland Lane, Turtle Lake, Dale & 96, and
- 2022 - Update controls, add generator to the South Lexington lift station
- 2024 - Update 2 lift stations including: Schifsky and Snail Lake Road
- 2025 - Update 7 lift stations including: Chatsworth, Cohansey, Lake Beach, Rice and Bridge, North Carlson, Woodbridge and Snail Lake Street

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Sewer Revenue	\$ 30,000	\$ -	\$ 75,000	\$ 40,000	\$ -	\$ 50,000	\$ 60,000
Total Sources of Funds	\$ 30,000	\$ -	\$ 75,000	\$ 40,000	\$ -	\$ 50,000	\$ 60,000
Uses							
Sewer Lift Station	\$ 30,000	\$ -	\$ 75,000	\$ 40,000	\$ -	\$ 50,000	\$ 60,000
Total Uses of Funds	\$ 30,000	\$ -	\$ 75,000	\$ 40,000	\$ -	\$ 50,000	\$ 60,000

Updates and improvements are planned in accordance with the city's comprehensive infrastructure replacement plan, which is reviewed and updated biennially. Improvements include replacing transducers, floats, controls and pumps as necessary.

Suzanne/Gramsie Storm Lift Station

PWA 32

Modifications and/or replacement of existing storm water infrastructure associated with the Suzanne Pond lift station and Gramsie Road storm pond.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Surface Water Revenue	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Sources of Funds	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
Uses							
Storm Sewer	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -
Total Uses of Funds	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -

High water levels in Suzanne Pond has required the pumps in the lift station to run continuously and operate beyond the design specifications of the pumps. High water levels in the Gramsie Road pond is causing intermitten flooding of a section of Gramsie Road during rain events. This project will also address potential flooding concerns related to homes adjacent to Suzanne Pond.

Surface Water Collection/Treatment/Reuse

PWA 2

Includes improvements to the city's surface water collection and treatment system. The following improvements are planned:

- 2020 - \$120,000 pretreatment structure installed on a storm pipe that discharges directly in the east shore of Shoreview Lake, subject to potential redevelopment of the adjacent multi-unit dwellings
- 2020 - \$320,000 rehabilitate or replace portions of the city's surface water and collection system in various locations throughout the city
- 2022 - \$200,000 rehabilitate or replace portions of the city's surface water and collection system in various locations throughout the city
- 2023 - \$230,000 rehabilitate or replace portions of the city's surface water and collection system in various locations throughout the city

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Debt-Surface Water Revenue	\$ -	\$ 440,000	\$ -	\$ 200,000	\$ 230,000	\$ -	\$ -
Total Sources of Funds	\$ -	\$ 440,000	\$ -	\$ 200,000	\$ 230,000	\$ -	\$ -
Uses							
Storm Sewer	\$ -	\$ 440,000	\$ -	\$ 200,000	\$ 230,000	\$ -	\$ -
Total Uses of Funds	\$ -	\$ 440,000	\$ -	\$ 200,000	\$ 230,000	\$ -	\$ -

Based on the city's Surface Water Management Plan, the projects have been identified to eliminate direct discharges and improve the quality of surface water runoff.

Recent trends for ground water conservation include the reuse of storm water for irrigation. Working in partnership with local watersheds, projects for reuse of storm water to irrigate city property have been identified.

Improvements, rehabilitation, cleaning and inspection of the city's surface water collection and treatment system are planned in accordance with the city's Comprehensive Infrastructure Replacement Plan, which is reviewed and updated biennially.

Residential Street Lights

PWA 7

Replacement of city-owned street lighting components. This work typically includes poles, luminaries, power sources, wiring, etc. in residential neighborhoods. Based on factors including age, material types, and reliability, the city will identify high priority areas and work with a lighting contractor on the selection and installation of the components.

Replacement allowances reflect conversion of city-owned street lights to more efficient LED fixtures and the gradual replacement and transfer of ownership from Xcel Energy lights to city-owned lights.

Allowances for street light replacements are as follows:

- 2019 - 64 lights
- 2021 - 64 lights
- 2023 - 64 lights
- 2025 - 64 lights

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Street Lighting Fund	\$ 488,450	\$ -	\$ 513,150	\$ -	\$ 539,140	\$ -	\$ 566,460
Total Sources of Funds	\$ 488,450	\$ -	\$ 513,150	\$ -	\$ 539,140	\$ -	\$ 566,460
Uses							
Street Lighting	\$ 488,450	\$ -	\$ 513,150	\$ -	\$ 539,140	\$ -	\$ 566,460
Total Uses of Funds	\$ 488,450	\$ -	\$ 513,150	\$ -	\$ 539,140	\$ -	\$ 566,460

To address the growing trend and costs associated with street lighting outages and repairs in residential neighborhoods. This project proposes to address street lighting needs on a neighborhood basis, as opposed to responding to customer complaints.

A substantial amount of residential development occurred in the 1970's and the 1980's, and the components typically used for street lighting in those neighborhoods are reaching the end of their useful life. For instance, hollow wood poles are subject to rotting and bird/insect damage, and direct-buried wiring (as opposed to wiring in conduit) causes increased lighting outages. The upgraded system (with metal or fiberglass poles, efficient luminaries and wiring) is expected to have lower operating costs, and a service life of at least 35 years.

Fire Equipment

ADM 2

An allowance for the replacement of fire vehicles and equipment is planned for Shoreviews share (at 61% of the total cost) of fire equipment, as estimated by the Lake Johanna Fire Department.

Truck replacements include:

- 2019 - \$83,160 Chief vehicles (2)
- 2019 - \$18,480 Engine 141 body/paint
- 2020 - \$88,595 utility vehicle
- 2021 - \$48,880 Chiefs vehicle
- 2022 - \$458,250 Engine ladder replacement
- 2023 - \$274,950 Rescue vehicle replacements (2)
- 2024 - \$189,410 Tanker

Information systems estimates:

- 2019 - \$2,218 for computer replacements
- 2020 - \$2,322 for computer replacements
- 2020 - \$15,275 for mobile tablet replacements

Self-Contained Breathing Apparatus (SCBA) equipment includes:

- 2019 - \$2,464 hydro test of SCBA bottles
- 2024 - \$3,361 hydro test of SCBA bottles

Rescue equipment includes:

- 2019 - \$12,320 fire helmets with integrated eye protection
- 2020 - \$2,139 fire hose tester
- 2020 - \$4,888 inflatable ice rescue raft
- 2020 - \$1,833 replace gas monitors
- 2021 - \$21,385 replace rescue boat
- 2021 - \$17,414 ballistic vests
- 2021 - \$21,385 replace rescue tools
- 2022 - \$13,442 replace air bags

Miscellaneous equipment includes:

- 2019 - \$6,160 tire replacement
- 2020 - \$3,055 tire replacement
- 2020 - \$2,444 800MHz radio optimization
- 2024 - \$2,505 800MHz radio optimization

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ 124,802	\$ 120,551	\$ 109,064	\$ 471,692	\$ 274,950	\$ 195,276	\$ -
Total Sources of Funds	\$ 124,802	\$ 120,551	\$ 109,064	\$ 471,692	\$ 274,950	\$ 195,276	\$ -
Uses							
Fire Vehicles/Equipment	\$ 101,640	\$ 88,595	\$ 48,880	\$ 458,250	\$ 274,950	\$ 189,410	\$ -
Other Information Systems	2,218	17,597	-	-	-	-	-
SCBA Equipment	2,464	-	-	-	-	3,361	-
Equipment-Rescue	12,320	8,860	60,184	13,442	-	-	-
Equipment-Miscellaneous	6,160	5,499	-	-	-	2,505	-
Total Uses of Funds	\$ 124,802	\$ 120,551	\$ 109,064	\$ 471,692	\$ 274,950	\$ 195,276	\$ -

Replacement of fire apparatus, rescue equipment and other equipment for the fire department is important to providing quality fire protection service to the community.

Warning Sirens

ADM 3

An allowance for the replacement/repair of warning sirens for each year is provided below.

- 2021 - \$18,000 Sherwood Road siren replacement
- 2023 - \$18,000 Well #6 siren replacement
- 2024 - \$20,000 Shamrock Park siren #8 replacement

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Asset Replacement	\$ -	\$ -	\$ 18,000	\$ -	\$ 18,000	\$ 20,000	\$ -
Total Sources of Funds	\$ -	\$ -	\$ 18,000	\$ -	\$ 18,000	\$ 20,000	\$ -
Uses							
Public Safety	\$ -	\$ -	\$ 18,000	\$ -	\$ 18,000	\$ 20,000	\$ -
Total Uses of Funds	\$ -	\$ -	\$ 18,000	\$ -	\$ 18,000	\$ 20,000	\$ -

Regular maintenance/replacement of sirens is necessary to maintain the effectiveness of the warning system.

Computer Systems

FINA1

An allowance for periodic upgrades and replacements to the city's information systems (hardware and software) is planned to ensure the continued effectiveness of the network. The five-year information systems plan has expanded in recent years to address system-wide technology needs, in part due to the increased integration between systems. As such, the plan provides for personal computers, printers (member card, desktop, multi-function, high-speed, CAD plotter/scanner), file servers, miscellaneous hardware/systems (card access, security cameras, image scanners, card scanners, mobile devices, building monitors, phone system, wireless capability), network storage, LAN infrastructure, LAN software (backup protection, server virtualization, email, calendar, etc.), and periodic upgrades and enhancements to specialized software (accounting, recreation, CAD, GIS, office, permits, etc.).

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Capital Acquisition (IT)	\$ 25,989	\$ 36,500	\$ 23,100	\$ 112,500	\$ -	\$ 5,000	\$ -
Capital Asset Replacement	89,602	235,800	302,000	229,500	87,500	51,000	97,000
Water Fund	-	3,000	-	-	-	-	-
Sewer Fund	-	3,000	-	-	-	-	-
Central Garage Fund	-	3,000	-	-	5,000	-	3,000
Total Sources of Funds	\$ 115,591	\$ 281,300	\$ 325,100	\$ 342,000	\$ 92,500	\$ 56,000	\$ 100,000
Uses							
Computers	\$ 15,500	\$ 12,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Printers	24,000	18,000	2,000	4,000	8,000	-	-
Servers	-	-	54,000	-	-	-	56,000
Security Systems	21,972	120,500	29,100	17,000	6,000	6,000	24,000
Recovery/Backup Systems	-	-	-	100,000	-	-	-
Communication Systems	1,500	1,500	5,000	1,500	10,000	25,000	-
LAN/Network	29,500	14,300	215,000	203,500	48,500	10,000	5,000
Imaging/Records Storage	-	30,000	-	-	-	-	-
Specialized Applications	19,119	-	5,000	-	5,000	-	-
Other Information Systems	4,000	85,000	5,000	6,000	5,000	5,000	5,000
Total Uses of Funds	\$ 115,591	\$ 281,300	\$ 325,100	\$ 342,000	\$ 92,500	\$ 56,000	\$ 100,000

The city's computer systems are used extensively by staff, and the range and amount of use is continuing to expand. Timely replacements are necessary to maintain the productivity of the network, to protect the various systems, to provide adequate redundancy in the event of an emergency, and to keep pace with technology. Personal computers are replaced every 4 to 6 years, depending on the level of use. Other hardware is replaced as necessary for the productivity of the applicable system.

Central Garage Equipment

PWA 18

Central Garage equipment is scheduled for replacement based on an evaluation of equipment condition, repair records, incidence of breakdowns, and changing operational needs. The cost of operation and replacement of all Central Garage equipment is recovered through annual rent charges (paid by funds and activities that use the equipment throughout the year). Maintaining an efficient and effective fleet of equipment is essential to consistent service delivery.

	2019 Estimate	2020 Planned	2021 Planned	2022 Planned	2023 Planned	2024 Planned	2025 Planned
Resources							
Central Garage Fund	\$ 537,015	\$ 628,500	\$ 597,000	\$ 588,000	\$ 595,000	\$ 579,000	\$ 645,000
Total Sources of Funds	\$ 537,015	\$ 628,500	\$ 597,000	\$ 588,000	\$ 595,000	\$ 579,000	\$ 645,000
Uses							
Truck/s	\$ 314,380	\$ 450,000	\$ 512,000	\$ 285,000	\$ 207,000	\$ 339,000	\$ 400,000
Staff Vehicle/s	24,484	26,500	-	-	-	-	-
Tractor/Mower/Loader/Cart	104,346	72,000	25,000	188,000	48,000	50,000	110,000
Field & Grounds Maint Equip	18,990	-	-	-	-	-	-
Street Repair Equipment	14,815	20,000	-	-	-	25,000	55,000
Sweeper	-	-	-	-	280,000	-	-
Sewer Inspecting Equipment	-	-	-	-	-	50,000	20,000
Generator	-	-	-	45,000	-	-	-
Equipment-Central Garage	60,000	60,000	60,000	70,000	60,000	115,000	60,000
Total Uses of Funds	\$ 537,015	\$ 628,500	\$ 597,000	\$ 588,000	\$ 595,000	\$ 579,000	\$ 645,000

This project reflects the addition of a staff vehicle in 2020. The vehicle will be assigned to community development/planning personnel in conjunction with property inspections and code enforcement operations.