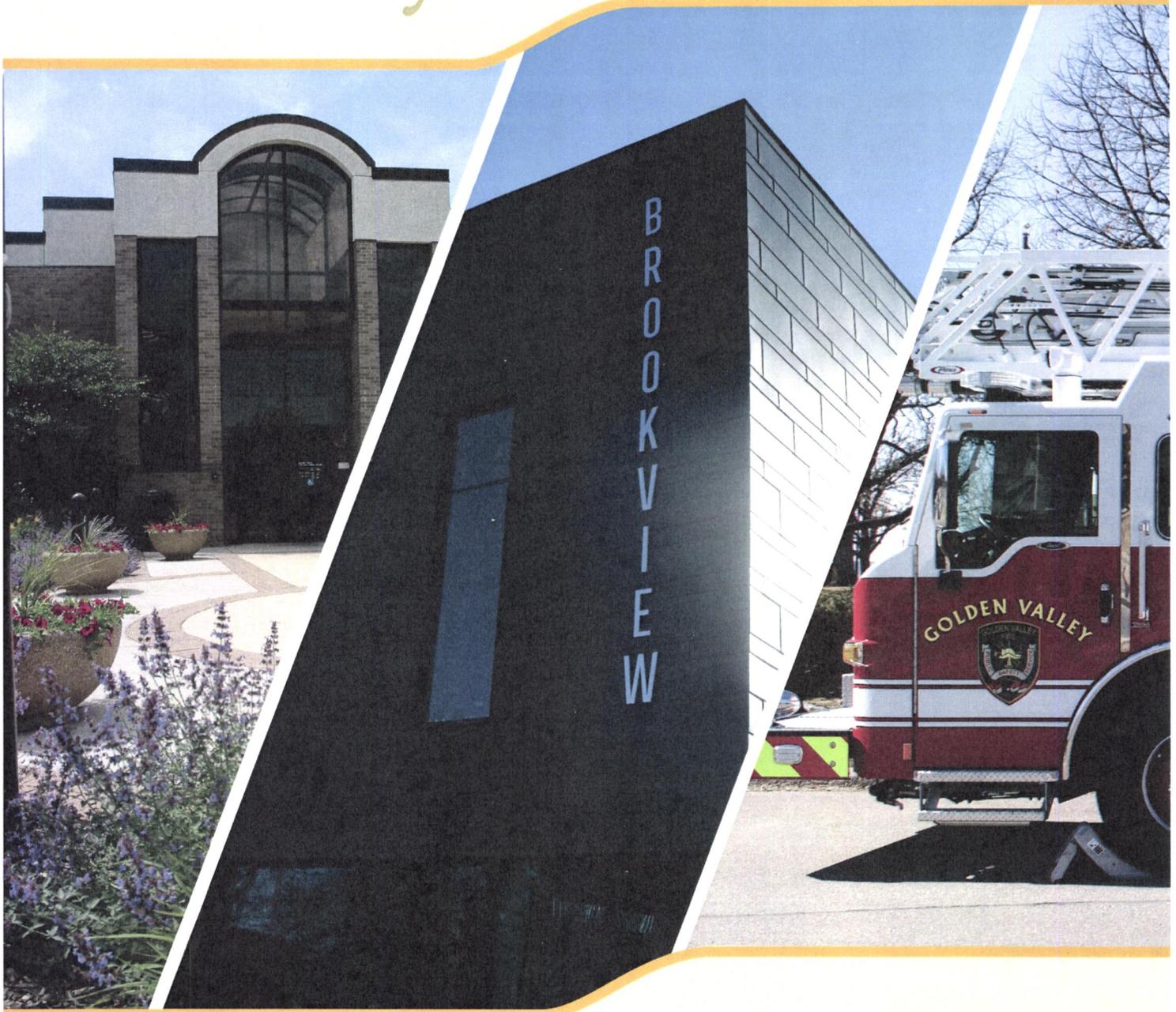


Appendix 9B

Implementation Capital Improvement Plan (CIP)

142 pages

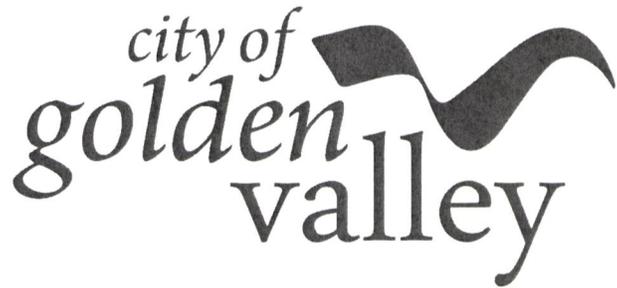
city of
golden
valley



2019-2023
Capital Improvement Program

Golden Valley, MN





**2019-2023 Capital Improvement Program
Review for Approval
December 4, 2018**

Reviewed by Council
September 12, 2018

Reviewed by Planning Commission
October 22, 2018

Mayor
Shep Harris

Council
Joanie Clausen, Larry Fonnest, Gillian Rosenquist, Steve Schmidgall

Management Team

Tim Cruikshank
Rick Birno
John Crelly
Maria Cisneros
Marc Nevinski
Kirsten Santelices
Jason Sturgis
Sue Virnig
Cheryl Weiler

City Manager
Director of Parks and Recreation
Fire Chief
City Attorney
Physical Development Director
Human Resources Director
Police Chief
Director of Finance
Communications Manager

CITY OF GOLDEN VALLEY, MINNESOTA

2019-2023 CAPITAL IMPROVEMENT PROGRAM

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Projects By Year

September 12, 2018

The Honorable Shepard Harris, Mayor
Members of the City Council

Dear Mayor Harris and City Council Members:

The Proposed Capital Improvement Program (CIP) for years FY 2019-2023 is presented with this transmittal.

The Capital Improvement Program is a five-year fiscal planning instrument that is used to identify needed capital projects and to delineate the financing and timing of the associated projects. Generally these projects exceed \$5,000 in cost and require long-term financing. An annual capital improvement budget, encompassing the projects outlined for the first two years of the CIP, is presented to the Council with the biennial budget.

The Capital Improvement Program also identifies bond issues necessary to fund certain improvements. Since 2018, the city has not issued certificates of indebtedness to finance vehicles and equipment. Each project in the program is brought forth in the upcoming year for discussion and approval at a council meeting.

The adoption of a CIP is a requirement for each city in the metropolitan area. As part of the Metropolitan Land Planning Act passed by the State legislature in 1976, each city is required to adopt a Comprehensive Plan. In 2009, the City's Comprehensive Plan was approved and accomplished:

- Updated zoning and subdivision codes;
- Housing implementation programs;
- Capital Improvement Program related to transportation, sewers, parks and open space facilities

Starting this year, staff has been working on an update to the current comprehensive plan and seek approval by the end of 2018. Many citizens have had input through various contacts.

Because of its relationship to the Comprehensive Plan, the CIP is reviewed by the Planning Commission.

The CIP should be viewed as a vehicle to accomplish the goals outlined in the City's Comprehensive Plan. The goals in the plan cover housing, sanitary and storm sewers, public facilities, transportation and parks and open spaces. An orderly expenditure of funds on capital items is a means of accomplishing the Plan.

A complete CIP is an indispensable tool for the City Council and the City staff as they manage and control the timing and financing of capital improvements needed to maintain the current high level of City services. A CIP is also used by the bond rating agencies to not only evaluate the current and future financial condition of a city, but also to evaluate the quality of a city's management. Adoption of this comprehensive CIP for 2019-2023 will enhance the City's ability to maintain its current Aa1 bond rating.

Finally, a CIP is a valuable document for commission members and citizens to use to gain an understanding of how their City works and the means to accomplish its overall plan.

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The process for completing the 2019-2023 CIP was much the same as the process for the 2019-2020 Budget. Project requests were submitted by all the divisions and reviewed by the Management Team and appropriate supervisors to establish the feasibility and priority of the projects and match with available financing.

The CIP is a planning document or guide for the future capital improvements in the City which in no way constitutes formal approval of the various projects. All of the projects will be formally approved through the City's purchasing or public improvement process.

Each section lists the upcoming projects, project overview, and an estimated cost of the project. The Financing section includes a narrative analysis of financing sources involved in the program along with exhibits analyzing some of these sources, with special emphasis on the City's Capital Project Funds. Also included is an exhibit which provides a current list of bonded debt to finance the existing programs and expenditures and sources by year. The sections are:

- Financing
- Vehicles and Equipment
- Parks
- Golf Course
- Buildings
- Cablecasting
- Storm Sewers
- Water & Sanitary Sewer Utility
- Streets

I look forward to completing these important projects in the coming fiscal year. As we move forward with this FY 2019-2023, I hope that this CIP meets your approval and provides a useful tool for the Council as it makes decisions regarding these projects.

Timothy Cruikshank
City Manager

**CITY OF GOLDEN VALLEY, MINNESOTA
2019 - 2023 CAPITAL IMPROVEMENT PROGRAM**

FINANCING

The 2019-2023 Capital Improvement Program (CIP), which is detailed on the following pages, is financed from a variety of sources. The purpose of this section is to describe and analyze these sources, in as much detail as possible, so that the users of this CIP can be certain that the program as outlined can be financed from available financing sources.

General Fund

The General Fund is the main operating fund of the City, and as such contains most of the City's operating divisions. The main revenue source for this fund is property taxes revenues. Large, non-recurring capital outlay expenditures are usually made from one of the City's capital project funds. Level annual transfers from the General Fund to these funds help to even out the annual budgeting process. The General Fund fund balance as of December 31, 2017 was \$12,403,849. Exhibit I lists the General Fund transfers to Funds for projects in the CIP.

Water & Sewer Utility Fund

The Water & Sewer Utility Fund is an enterprise fund, which is involved in the operation and renewal & replacement of the City's water and sanitary sewer systems. The main sources of revenue for this fund are the user charges to those residential and commercial/industrial customers connected to the systems and franchise fees to help with infrastructure improvements. Per City policy, new lateral water and sewer system projects are assessed at 100% of cost unless there are unusual circumstances involved, in which case the City would pay for the difference from the reserve account. Since the City is essentially fully developed, there should be fewer and fewer of these projects in future years. These lateral water and sewer system projects are usually requested by property owners, so it is very hard to project when they might occur and the total cost.

The trunk water system is owned and operated under a joint powers agreement with the cities of Golden Valley, New Hope and Crystal. This organization is known as the Joint Water Commission. The operating and capital improvement expenditures of the trunk water system are shared by the three cities. In 2014, an Emergency Water Supply was approved. Financing was through an interfund loan with an additional fee on water consumption. In 2015, another interfund loan was used to finance the break on the water main that carries water from Minneapolis to Crystal through Robbinsdale.

The trunk sanitary sewer system is owned by Metropolitan Council Environmental Services to which the City makes monthly payments for the operation of and the capital improvements to the trunk system.

The fund balance or net position that is unrestricted at 12/31/17 was \$7,601,050. The financial position of this fund is extremely important because the City is facing large expenditures in future years for the renewal and replacement of aging water and sewer lines. Exhibit II is a list of projects in the program financed by the Water & Sewer Utility Fund.

Brookview Golf Course Fund

The Brookview Golf Course Fund is an enterprise fund, which is involved in the operation and improvement of the City's golf course and newly developed Lawn Bowling Course in 2018. The main revenue source is green fees paid by the golfers. The golf course consists of an 18 hole regulation course, a 9 hole par 3 course and a driving range. Other revenue sources come from the lawn bowling course, pro shop and Three-One-Six Restaurant. Many of the improvements to the course are part of regular course maintenance, but

where specific projects can be defined and costs estimated, they are included in the program. Major pieces of equipment used by the golf course are also included in the program. In December 2017, Brookview opened its new facility which included the restaurant, golf pro shop and par 3 building. The net position in this fund as of December 31, 2017 was \$930,866. This was slightly lower than the previous year due to the renovation of the building. Exhibit III is a list of the major course improvements and equipment included in the program and the projected working capital balances of this fund.

Storm Sewer Utility Fund

The Storm Sewer Utility Fund is an enterprise fund, which is involved in the maintenance and improvement of the City's storm water system including storm sewers and holding ponds. The fund is financed from charges to all the property in the City based on the level of estimated storm water runoff from a given class of property. Projects funded are those related to the Pavement Management Program, the City's adopted Storm Water Management Plan and projects constructed in conjunction with the other cities that are members of the Bassett Creek Water Management Commission. Exhibit VII is an analysis of the projected revenue, expenditures and cash balances in this fund. In 2016, bonds were sold and will be paid back with tax increment received from The Liberty development. The net position in this fund as of December 31, 2017 was \$8,073,057.

Equipment Replacement Fund

This capital project fund is used to finance major vehicle and equipment purchases for General Fund divisions. In 2018, the main source of revenue is a transfer from the General Fund. In the past, certificates of Indebtedness were sold and will remain outstanding until 2021. Exhibit IV is an analysis of the projected revenue, expenditures and cash balances in this fund. Existing debt service payments on the certificates of indebtedness issued are detailed in Exhibit XI.

Building Fund

This capital project fund is used to finance major improvements to buildings used by the General Fund divisions. Wold Architects completed a city facility analysis in 2006. This plan has been incorporated into the Building Fund and the 2019 General Fund Buildings Budget as funding permits. A major source of financing in this fund is transfers from the General Fund. Exhibit V is an analysis of the projected revenue, expenditures and cash balances of this fund.

Cablecasting Fund

This capital project fund was separately designated in 2014 to account for the franchise fees collected for cablecasting. These monies are designated for any future improvements for the council chambers to provide cablecasting of public meetings. CCX Media Television/Northwest Community Television provides service and programming for the city.

Park Improvement Fund

This capital project fund is used to finance park and open space improvements. One of the revenue sources in this fund is an annual transfer from the General Fund along with park dedication fees. Exhibit VI is an analysis of the projected revenue, expenditures and cash balances of this fund.

Municipal State Aid (MSA) Fund

This fund is used to account for monies held in account both by the City and the State of Minnesota for use in the maintenance and improvement of municipal state aid streets located in the City. Streets are

designated as municipal state aid based on criteria established by the State. Each city is allowed a maximum number of miles of these designated streets. Every improvement project involving these streets must first be approved by the State. If approved, a certain portion of the projected cost is advanced to the City from its MSA account at the State, with the balance being paid upon completion. The monies that finance the City's MSA account at the State come from the State gasoline tax.

The City's MSA account at the State is essentially the City's money, and the amount in the account at any one time is included as an asset of this fund. The State also participates directly in various street and storm sewer improvement projects with the City, when the particular project benefits or involves State highways and rights of way. On the worksheets for street and storm sewer projects, the designation under the financing analysis of MSA refers to the City's MSA account at the State, and State of Minnesota refers to direct State participation. Exhibit VIII is an analysis of the projected revenue, expenditures and cash balances of the Municipal State Aid Fund.

Capital Improvement Fund

Revenues for this fund will primarily come from a portion of the franchise fees that are not designated for payment of debt services from the Douglas Drive project. Monies in this fund finance infrastructure improvements. Exhibit IX is an analysis of the projected revenue, expenditures and cash balances of this fund.

Street Reconstruction Capital Improvement Fund

Revenues for this fund will primarily come from a bond sale that will finance the yearly pavement management program (PMP) planned through 2023. A general fund transfer will pay for the overlays that are planned to maintain the streets that have been reconstructed. Exhibit X is an analysis of the projected revenue, expenditures and cash balances of this fund.

General Obligation Bonds

To finance certain projects the City must borrow funds externally by issuing general obligation municipal bonds. The method(s) of financing the repayment of these bonds differentiates the various types of bonds used in the program.

Tax Increment Bonds

The proceeds of these bond issues are used to pay for public improvements in specially designated tax increment districts. The debt service on the bonds is repaid from property taxes on the increased value in the district over a base year's value. The property taxes on the increased value (increment) are not distributed to the various taxing jurisdictions, but are retained by the City to pay off the debt service on the bonds. The increased value in the district comes from the increased commercial/industrial/residential development or made possible by the public improvements financed by the bonds. The City has four tax increment districts. Two districts have used bonds for improvements: Highway 55 West and Winnetka/Medicine Lake Road.

Special Assessment Bonds

Per State Statute, if at least 20% of the bond principal for a public improvement is financed by special assessments against benefited properties, the balance can be financed from tax levies against all the property in the City without the need of a bond referendum. On the project worksheets, if special

assessment bond financing is involved, we have indicated the amount of bonds to be repaid from special assessments and tax levies.

The pavement management program uses special assessment bonds for financing along with assessments from benefiting properties. These street projects will extend over a longer period than is included in the 2019-2023 CIP and will be financed by annual special assessment bond issues. On the project worksheet for the pavement management program, the method of financing is indicated as just Special Assessment Bonds.

Certificates of Indebtedness

Certificates of Indebtedness were used to help finance capital equipment that is outlined in the Equipment Replacement Fund. These are short-term general obligation debt instruments issued for a term of four years and repaid from annual tax levies. Current legislation has allowed cities to extend the term of these certificates up to ten years if the life of the asset is that in length. We may extend the term for those certificates that will finance fire pumper replacements. This financing has been replaced with a general fund transfer.

Municipal State Aid (MSA) Revenue Bonds

MSA bonds were sold in 2007 for the first time for the City of Golden Valley. The project was Golden Valley Road and Bridge replacement. The debt service payments will be repaid over twenty years with State Aid Allotments used to improve and maintain Municipal State Aid roads.

Tax Abatement Bonds

These bonds will be repaid from the abated City taxes on the General Mills' headquarters expansion, which has been completed. The abatement agreement was signed between the City and General Mills in 2001 and the bonds were sold in 2004. The City taxes generated by the expansion will not be used to finance general City operations, but will be used to pay the debt service on the bonds. The term of the abatement agreement is fifteen (15) years and will end in 2019.

Exhibit XI is an analysis of the current general obligation bonded debt of the City of Golden Valley.

**CITY OF GOLDEN VALLEY
2019 - 2023 CIP
GENERAL FUND (FUND 1000)
EXHIBIT I**

PROJECT (1)	EXPENDITURES				
	2019	2020	2021	2022	2023
Transfer to Building Fund	\$400,000	\$450,000	\$500,000	\$500,000	\$500,000
Transfer to Equipment Fund	100,000	470,680	1,050,000	1,050,000	1,050,000
Transfer to Equipment Debt Service Fund	882,580	561,900			
Transfer to Park Improvement Fund	325,000	350,000	375,000	400,000	400,000
Transfer to Street Reconstruction Overlays	500,000	600,000	700,000	800,000	900,000
Totals	<u>\$2,207,580</u>	<u>\$2,432,580</u>	<u>\$2,625,000</u>	<u>\$2,750,000</u>	<u>\$2,850,000</u>

Notes:

(1) Each transfer will be outlined in the respective funds.

**CITY OF GOLDEN VALLEY
2019-2023 CIP
WATER AND SEWER UTILITY FUND (FUND 7120)
EXHIBIT II**

	2019	2020	2021	2022	2023
Net Position @ 1/1	\$7,328,150	\$7,008,160	\$7,355,135	\$7,541,976	\$7,443,578
Revenue:					
Franchise Fees	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Grant			300,000		
Operating Revenue	9,580,805	9,607,795	9,799,951	9,995,950	10,195,869
Total Revenue for Operations	11,080,805	11,107,795	11,599,951	11,495,950	11,695,869
Total Available	18,408,955	18,115,955	18,955,086	19,037,926	19,139,447
Expenditures:					
Operating Expenditures:					
Administration	(570,675)	(575,835)	(590,231)	(604,987)	(620,111)
Sewer Maintenance	(3,340,720)	(3,434,690)	(3,537,731)	(3,643,863)	(3,753,178)
Water Maintenance	(4,799,400)	(4,985,295)	(5,035,148)	(5,085,499)	(5,136,354)
Sub-Total Operations	(8,710,795)	(8,995,820)	(9,163,110)	(9,334,349)	(9,509,644)
Capital Outlay:					
2019	(2,690,000)				
2020		(1,765,000)			
2021			(2,250,000)		
2022				(2,260,000)	
2023					(2,050,000)
Sub-Total Capital Expenses	(2,690,000)	(1,765,000)	(2,250,000)	(2,260,000)	(2,050,000)
Total Expenses	(11,400,795)	(10,760,820)	(11,413,110)	(11,594,349)	(11,559,644)
Net Position @ 12/31	\$7,008,160	\$7,355,135	\$7,541,976	\$7,443,578	\$7,579,802

CITY OF GOLDEN VALLEY
2019-2023 CIP
BROOKVIEW GOLF COURSE FUND (FUND 7150)
EXHIBIT III

	2019	2020	2021	2022	2023
Net Position @ 1/1	\$487,814	\$689,064	\$888,859	\$1,030,624	\$1,213,741
Revenue:					
Total Course Revenue	3,382,000	3,455,000	3,524,100	3,594,582	3,666,474
Total Available	3,869,814	4,144,064	4,412,959	4,625,206	4,880,215
Expenses:					
Operating Expenses:	(3,078,075)	(3,149,205)	(3,220,335)	(3,291,465)	(3,362,595)
Capital Outlay					
2019	(102,675)				
2020		(106,000)			
2021			(162,000)		
2022				(120,000)	
2023					(140,000)
Total Expenses	(3,180,750)	(3,255,205)	(3,382,335)	(3,411,465)	(3,502,595)
Net Position @ 12/31	\$689,064	\$888,859	\$1,030,624	\$1,213,741	\$1,377,620

**CITY OF GOLDEN VALLEY
2019-2023 CIP
EQUIPMENT REPLACEMENT FUND (FUND 5700)
EXHIBIT IV**

	2019	2020	2021	2022	2023
Fund Balance @ 1/1	2,936,299	2,366,267	1,917,040	2,157,140	2,414,641
Revenue:					
Sale of Assets (Auction proceeds):	35,000	35,000	35,000	35,000	35,000
General Fund Transfer	100,000	470,680	1,050,000	1,050,000	1,050,000
Interest Earnings (Beginning Balance)	23,538	23,663	19,170	21,571	24,146
Total Available	3,094,837	2,895,610	3,021,210	3,263,711	3,523,788
Expenditures:					
	Capital Outlay				
	2019				
	(728,570)				
	2020	(978,570)			
	2021		(864,070)		
	2022			(849,070)	
	2023				(1,213,070)
Total Expenditures	(728,570)	(978,570)	(864,070)	(849,070)	(1,213,070)
Fund Balance @12/31	2,366,267	1,917,040	2,157,140	2,414,641	2,310,718

**CITY OF GOLDEN VALLEY
2019-2023 CIP
BUILDING FUND (FUND 5200)
EXHIBIT V**

	2019	2020	2021	2022	2023
Fund Balance @ 1/1	\$1,033,825	\$806,579	\$652,628	\$767,523	\$763,279
<u>Revenue:</u>					
Transfer From General Fund	400,000	450,000	500,000	500,000	500,000
Interest Earnings	7,754	6,049	4,895	5,756	5,725
Total Available	1,441,579	1,262,628	1,157,523	1,273,279	1,269,004
<u>Expenditures:</u>					
2019	(635,000)				
2020		(610,000)			
2021			(390,000)		
2022				(510,000)	
2023					(110,000)
Total Expenditures	(635,000)	(610,000)	(390,000)	(510,000)	(110,000)
Fund Balance @ 12/31	\$806,579	\$652,628	\$767,523	\$763,279	\$1,159,004

**CITY OF GOLDEN VALLEY
2019-2023 CIP
CABLECASTING FUND (FUND 5500)
EXHIBIT V**

	2019	2020	2021	2022	2023
Fund Balance @ 1/1	\$278,230	\$113,621	\$148,189	\$182,930	\$217,845
<u>Revenue:</u>					
Franchise Fees	34,000	34,000	34,000	34,000	34,000
Interest Earnings	1,391	568	741	915	1,089
Total Available	313,621	148,189	182,930	217,845	252,934
<u>Expenditures:</u>					
2019	(200,000)				
2020		0			
2021			0		
2022				0	
2023					0
Total Expenditures	(200,000)	0	0	0	0
Fund Balance @ 12/31	\$113,621	\$148,189	\$182,930	\$217,845	\$252,934

**CITY OF GOLDEN VALLEY
2019-2023 CIP
PARK IMPROVEMENT FUND (FUND 5600)
EXHIBIT VI**

	2019	2020	2021	2022	2023
Fund Balance @ 1/1	\$377,615	\$367,447	\$362,203	\$406,919	\$451,971
<u>Revenue:</u>					
Transfer From General Fund	325,000	350,000	375,000	400,000	400,000
Little League Payment	20,000				
Park Dedication Fee					
ISD #281 (SEA School)			12,500		
Golden Valley Youth Associations			12,500		
Interest Earnings	2,832	2,756	2,717	3,052	3,390
Total Available	725,447	720,203	764,919	809,971	855,361
<u>Expenditures:</u>					
	2019				
	(358,000)				
		2020			
		(358,000)			
			2021		
			(358,000)		
				2022	
				(358,000)	
					2023
					(358,000)
Total Expenditures	(358,000)	(358,000)	(358,000)	(358,000)	(358,000)
Fund Balance @ 12/31	\$367,447	\$362,203	\$406,919	\$451,971	\$497,361

CITY OF GOLDEN VALLEY
2019 - 2023 CIP
STORM WATER UTILITY FUND (FUND 7300)
EXHIBIT VII

	2019	2020	2021	2022	2023
Net Position @ 1/1	\$4,984,410	\$5,160,555	\$5,232,211	\$5,086,221	\$4,522,916
Revenue:					
Storm Sewer Charges	2,475,000	2,575,000	2,575,000	2,575,000	2,575,000
Bassett Creek Watershed Management Commission	1,031,500	500,000		500,000	1,300,000
Hennepin County	500,000	170,000			
State of MN (Bridge Bonds/DNR)	2,300,000		1,000,000		1,780,000
Other-BWSR	68,500				
Interfund Loan-Water/Sewer	198,830	194,360	189,885	185,415	180,944
Interfund Loan-Liberty Crossing	63,500	160,000	160,000	165,000	170,000
Sale of Assets					
Interest Earnings	50,000	51,606	52,322	50,862	45,229
Total Revenue	<u>6,687,330</u>	<u>3,650,966</u>	<u>3,977,207</u>	<u>3,476,277</u>	<u>6,051,173</u>
Total Available	11,671,740	8,811,521	9,209,418	8,562,498	10,574,089
Expenditures:					
Operating Expenditures:					
Storm Sewer Maintenance	(548,815)	(555,995)	(572,675)	(589,855)	(607,551)
Street Cleaning	(130,815)	(135,190)	(139,246)	(143,423)	(147,726)
Environmental Services	(402,605)	(418,375)	(430,926)	(443,854)	(457,170)
Debt Service - Revenue Bonds (2037)	(63,950)	(182,750)	(180,350)	(182,450)	(182,450)
Sub-Total of Operations	<u>(1,146,185)</u>	<u>(1,292,310)</u>	<u>(1,323,197)</u>	<u>(1,359,582)</u>	<u>(1,394,896)</u>
Capital Outlay:					
2019	(5,365,000)				
2020		(2,287,000)			
2021			(2,800,000)		
2022				(2,680,000)	
2023					(5,082,000)
Sub-Total of Capital Expenditures	<u>(5,365,000)</u>	<u>(2,287,000)</u>	<u>(2,800,000)</u>	<u>(2,680,000)</u>	<u>(5,082,000)</u>
Total Expenditures	(6,511,185)	(3,579,310)	(4,123,197)	(4,039,582)	(6,476,896)
Net Position @ 12/31	<u>\$5,160,555</u>	<u>\$5,232,211</u>	<u>\$5,086,221</u>	<u>\$4,522,916</u>	<u>\$4,097,193</u>

**CITY OF GOLDEN VALLEY
2019-2023 CIP
CITY MUNICIPAL STATE AID CAPITAL PROJECT FUND (FUND 5100)
EXHIBIT VIII**

	2019	2020	2021	2022	2023
Fund Balance @ 1/1	2,716,464	1,718,086	1,936,261	2,212,321	2,256,912
Revenue:					
State Aid Bond Payments	130,000	135,000	145,000	150,000	150,000
Annual Maintenance Allotment From State	339,014	339,014	339,014	339,014	339,014
Special Assessments - State-Aid Bonds;					
Golden Hills/Xenia Avenue	70,000	70,000	70,000	70,000	70,000
Harold Avenue Reconstruction	1,800				
Hwy 55 West Special Assessments	31,440	31,440	31,440	31,440	31,440
TIF reimbursement (Hwy 55 West)	63,500	182,310	179,000	182,450	179,950
Zenith State Aid				1,425,000	75,000
Plymouth State Aid	85,000				
Zane/Lindsay State Aid				2,280,000	120,000
Interest Earnings (% of Beg. Bal.)	20,373	12,886	14,522	16,592	16,927
Total Available	3,457,591	2,488,736	2,715,237	6,706,817	3,239,243
Expenditures:					
Maintenance	125,000	125,000	125,000	125,000	125,000
MSA Debt Service (ends 2027)	201,005	200,165	198,916	197,455	189,000
Hwy 55 Bond Payments	63,500	182,310	179,000	182,450	179,950
Flashing Arrows		45,000		45,000	
Golden Hills/Xenia Avenue	1,350,000				
Zane/Lindsay Reconstruction				2,400,000	
Zenith Avenue Reconstruction				1,500,000	
Total Expenditures	1,739,505	552,475	502,916	4,449,905	493,950
Fund Balance @ 12/31	\$1,718,086	\$1,936,261	\$2,212,321	\$2,256,912	\$2,745,293

CITY OF GOLDEN VALLEY
2019 - 2023 CIP
CAPITAL IMPROVEMENT FUND (FUND 6100)
EXHIBIT IX

	2019	2020	2021	2022	2023
Fund Balance @ 1/1	\$712,699	\$245,486	\$193,921	\$237,160	\$276,152
Revenue:					
Charge to Street Reconstruction Projects to Finance CAD & Pavement Management Systems	20,000	20,000	20,000	20,000	20,000
Franchise Fees (Centerpoint/Xcel)	200,000	200,000	200,000	200,000	200,000
Interfund Loan from Utility Fund (ends 2025)	212,760	208,080	203,400	198,720	194,040
City of Crystal	100,000				
Interest Earnings (1% of Beg. Bal.)	7,127	2,455	1,939	2,372	2,762
Total Available	1,252,586	676,021	619,260	658,252	692,953
Expenditures:					
Streetscape and City Hall Complex Renovation	100,000	100,000	100,000	100,000	100,000
Sidewalk, Trails and Bike Facility Renovaton	325,000	150,000	150,000	150,000	150,000
AutoCad Application	12,100	12,100	12,100	12,100	12,100
Cartegraph Street Maintenance Software	20,000	20,000	20,000	20,000	
Railroad Crossing Repairs	250,000				
TH 100 Pedestrian Bridge	200,000				
Pavement Surface Treatments		100,000			
Retaining Wall Replacement	100,000	100,000	100,000	100,000	100,000
Total Expenditures	1,007,100	482,100	382,100	382,100	362,100
Fund Balance @ 12/31	\$245,486	\$193,921	\$237,160	\$276,152	\$330,853

**CITY OF GOLDEN VALLEY
2019 - 2023 CIP
STREET RECONSTRUCTION CAPITAL IMPROVEMENT FUND (FUND 5400)
EXHIBIT X**

	2019	2020	2021	2022	2023
Fund Balance @ 1/1	\$39,286	\$39,482	\$39,680	\$39,878	\$40,078
Revenue:					
Bond Proceeds	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000
Transfers from General Fund	500,000	500,000	500,000	500,000	500,000
Interest Earnings (1% of Beg. Bal.)	196	197	198	199	200
Total Available	4,409,482	3,889,680	3,939,878	3,940,078	3,940,278
Expenditures:					
Pavement Management Program (3,870,000	3,350,000	3,400,000	3,400,000	3,400,000
Street Overlays	500,000	500,000	500,000	500,000	500,000
Total Expenditures	4,370,000	3,850,000	3,900,000	3,900,000	3,900,000
Fund Balance @ 12/31	\$39,482	\$39,680	\$39,878	\$40,078	\$40,278

General Obligation Bonded Debt Totals

**Balance at
12/31/2018**

Special Assessment Bonds (PMP)

B2732	3035	GO Improvement Bonds Series 2003C (ends 2019) 2011C	665,000.00
B2799	3037	GO Improvement Bonds Series 2005C (ends 2025) 2012C	5,285,000.00
B2892	3038	GO Improvement Bonds Series 2006B (ends 2026) 2013B	6,475,000.00
B2221	3039	GO Improvement Bonds Series 2007C (ends 2027) 2014C	3,805,000.00
B2289	3040	GO Improvement Bonds Series 2008A (ends 2028) 2015C	6,600,000.00
B2536	3041	GO Improvement Bonds Series 2009A (ends 2029) 2017A*	9,835,000.00
B2623	3042	GO Improvement Bonds Series 2010A (ends 2030)	1,535,000.00
B2730	3043	GO Improvement Bonds Series 2011A (ends 2031)	1,265,000.00
B2798	3044	GO Improvement Bonds Series 2012A (ends 2032)	1,115,000.00
B2891	3045	GO Improvement Bonds Series 2013A (ends 2033)	1,150,000.00
B2956	3046	GO Improvement Bonds Series 2014A (ends 2035)	2,235,000.00
B3040	3047	GO Improvement Bonds Series 2015A (ends 2036)	1,530,000.00
B3116	3048	GO Improvement Bonds Series 2016A (ends 2037)	1,150,000.00
B3196	3049	GO Improvement Bonds Series 2017A (ends 2038)	2,580,000.00
B3249	3054	GO Improvement Bonds Series 2018A (ends 2038)	2,950,000.00
		2017 A- Crossover in 2019 -	-
			48,175,000.00

Equipment Certificates

B3042	3010	GO Equipment Cert Bonds-Series 2015B	270,000.00
B3115	3010	GO Equipment Cert Bonds-Series 2016B	535,000.00
B3196	3010	GO Equipment Cert Bonds-Series 2017A	815,000.00
			1,620,000.00

Tax Increment Bonds

B3197	3053	GO Tax Increment Bonds of 2017B	1,170,000.00
			1,170,000.00

Street Reconstruction Bonds

B3114	3052	Street Reconstruction Bonds Series 2016 C(Douglas)	5,405,000.00
			5,405,000.00

Housing and Redevelopment Lease Revenue Bonds

	3051	Brookview Lease Revenue Bonds	16,935,000.00
			16,935,000.00

3036 Tax Abatement Bonds

		Tax Abatement Bonds of 2004B	330,000.00
			330,000.00

State Aid Bonds

	5100	State Aid Bonds of 2007A	1,395,000.00
			1,395,000.00

GO Revenue Bonds

	7300	Utility Revenue Bonds of 2016D	2,580,000.00
			2,580,000.00

		Total Bonds Outstanding	77,610,000.00
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City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

EXPENDITURES AND SOURCES SUMMARY

Department	2019	2020	2021	2022	2023	Total
Buildings	635,000	610,000	390,000	510,000	110,000	2,255,000
Cablecasting Improvements	200,000					200,000
Golf Course	102,675	106,000	162,000	120,000	140,000	630,675
Parks	358,000	358,000	358,000	358,000	358,000	1,790,000
Storm Water	5,365,000	2,287,000	2,800,000	2,680,000	5,082,000	18,214,000
Streets	7,116,605	4,884,575	4,785,915	8,732,005	4,756,050	30,275,150
Vehicles and Equipment	728,570	978,570	864,070	849,070	1,213,070	4,633,350
Water & Sewer Systems	2,690,000	1,765,000	2,250,000	2,260,000	2,050,000	11,015,000
EXPENDITURE TOTAL	17,195,850	10,989,145	11,609,985	15,509,075	13,709,120	69,013,175

Source	2019	2020	2021	2022	2023	Total
Bassett Creek Watershed Mgmt Comm	1,100,000	500,000		500,000	1,300,000	3,400,000
Brookview Golf Course Fund	102,675	106,000	162,000	120,000	140,000	630,675
Building Fund (5200)	635,000	610,000	390,000	510,000	110,000	2,255,000
Cablecasting Improvements	200,000					200,000
Capital Improvement Fund (6100)	907,100	482,100	382,100	382,100	362,100	2,515,500
City of Crystal	100,000					100,000
Equipment Replacement Fund	728,570	978,570	864,070	849,070	1,113,070	4,533,350
Golden Valley Youth Associations			12,500			12,500
Hennepin County	500,000	170,000				670,000
Hennepin County Environment Response Fund				300,000		300,000
ISD #281			12,500			12,500
MN DNR	2,300,000		1,000,000		1,780,000	5,080,000
Municipal State Aid (MSA - 5100)	1,094,005	370,165	323,915	4,267,455	314,000	6,369,540
Park Improvement Fund (5600)	358,000	358,000	333,000	358,000	358,000	1,765,000
Special Assessment Bonds	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000
Special Assessments	582,000					582,000
Storm Water Utility Fund (7300)	1,465,000	1,617,000	1,800,000	2,180,000	2,002,000	9,064,000
Street Improvement Fund	500,000	500,000	500,000	500,000	500,000	2,500,000
Tax Increment	63,500	182,310	179,900	182,450	179,950	788,110
Vehicle Maintenance Fund					100,000	100,000
Water & Sewer Utility - Reserve			100,000	100,000	100,000	300,000
Water & Sewer Utility Fund	2,690,000	1,765,000	2,150,000	1,860,000	1,950,000	10,415,000
SOURCE TOTAL	17,195,850	10,989,145	11,609,985	15,509,075	13,709,120	69,013,175



Capital Improvement Program 2019-2023

Vehicles and Equipment Replacement Section

This section includes all capital equipment and vehicles that help employees have the tools to fulfill their job requirements. The Vehicle Maintenance division maintains all equipment and vehicles except for the golf course. The City's Information Technology Coordinator maintains the computers, printers and phone system. Each year each piece of equipment is reviewed before replacement. This schedule allows the City to finance upcoming purchases for the next five years.

Financing for this fund comes from annual transfers from the General Fund.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Vehicles and Equipment							
Marked Squad Cars (Police)	V&E-001	80,000	80,000	120,000	120,000	120,000	520,000
Computers and Printers (Finance)	V&E-002	95,000	95,000	95,000	95,000	95,000	475,000
Chipper (Street)	V&E-006					35,000	35,000
Pickup Truck (Engineering)	V&E-008		35,000				35,000
Passenger Vehicle (Fire)	V&E-011					40,000	40,000
Portable Computers (Police)	V&E-020			50,000			50,000
Unmarked Police Vehicle (Police)	V&E-024				40,000		40,000
Pickup Truck (Park)	V&E-026		35,000				35,000
Dump Truck (Park)	V&E-029			80,000			80,000
Rotary Mower (Park)	V&E-030			110,000			110,000
Skylift Man Lift (Park & Street)	V&E-033	40,000					40,000
Crime Prevention Vehicle (Police)	V&E-034		30,000				30,000
Utility Tractor (Park)	V&E-039					75,000	75,000
Pickup Truck (Engineering)	V&E-044				35,000		35,000
Rescue Vehicle (Fire)	V&E-045					200,000	200,000
Pickup Truck (Park)	V&E-047					65,000	65,000
Rotary Mower (Park)	V&E-048					50,000	50,000
Dump Truck (Street)	V&E-053					270,000	270,000
Pickup Truck (Vehicle Maintenance)	V&E-054					100,000	100,000
Pickup Truck (Street)	V&E-063		40,000				40,000
Tandem Axle Dump Truck (Street)	V&E-066		270,000				270,000
Sidewalk/Maintenance Tractor (Street)	V&E-089					55,000	55,000
Pickup Truck (Park)	V&E-100				50,000		50,000
Pickup Truck (Fire)	V&E-102	40,000					40,000
Polaris 6 X 6 (Fire)	V&E-106	15,000					15,000
Bobcat Utility Truckster (Park)	V&E-107	55,000	4,500	4,500	4,500	4,500	73,000
Single Axle Dump Truck (Street)	V&E-109	230,000					230,000
Dump Truck (Street)	V&E-110			230,000			230,000
Portable Message Sign Trailer	V&E-115					25,000	25,000
Bobcat Toolcat (Park)	V&E-116	4,500	4,500	4,500	4,500	4,500	22,500
Sidwalk Tractor (Street)	V&E-118				160,000		160,000
Tasers (Police)	V&E-121			16,000			16,000
800 MHz Radios (Public Works Maintenance)	V&E-133	100,000					100,000
Body Cameras (Police)	V&E-135	24,070	24,070	24,070	24,070	24,070	120,350
Zodiac Boat (Fire)	V&E-136				5,500		5,500
Outboard Motor (Fire)	V&E-137				5,500		5,500
Passenger Vehicle (Fire)	V&E-138		40,000				40,000
Passenger Vehicle (Fire)	V&E-139			40,000			40,000
Utility Trailer (Park)	V&E-140		5,500				5,500

Department	Project #	2019	2020	2021	2022	2023	Total
Pickup Truck (Park)	V&E-141	35,000					35,000
Dump Truck (Park)	V&E-142		80,000				80,000
Trash Compactor (Park)	V&E-143			65,000			65,000
Single Axle Dump Truck (Street)	V&E-144				230,000		230,000
Skid Steer Loader (Street)	V&E-145	5,000	5,000	5,000	5,000	5,000	25,000
Dump Truck (Street)	V&E-146		80,000				80,000
Police Commander Vehicle (Police)	V&E-147		50,000				50,000
SWAT Van (Police)	V&E-148		100,000				100,000
Passenger Vehicle (Fire)	V&E-152				40,000		40,000
Equipment Trailer (Street)	V&E-153			20,000			20,000
Traffic Trailer (Police)	V&E-154				30,000		30,000
Trailer (Street)	V&E-155					5,000	5,000
Trailer (Fire)	V&E-156	5,000					5,000
Passenger Car (Police)	V&E-158					40,000	40,000
Vehicles and Equipment Total		728,570	978,570	864,070	849,070	1,213,070	4,633,350
<i>Equipment Replacement Fund</i>		728,570	978,570	864,070	849,070	1,113,070	4,533,350
<i>Vehicle Maintenance Fund</i>						100,000	100,000
<i>Vehicles and Equipment Total</i>		728,570	978,570	864,070	849,070	1,213,070	4,633,350
Grand Total		728,570	978,570	864,070	849,070	1,213,070	4,633,350

Project # **V&E-006**
 Project Name **Chipper (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Heavy Equip.

Description

New brush chipper for Street Division to be used in disposal of tree branches removed from the rights of way and parks.

Justification

Increased costs for hauling and disposing of brush at sites outside the City.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					35,000	35,000
Total					35,000	35,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					35,000	35,000
Total					35,000	35,000

Project # **V&E-008**
 Project Name **Pickup Truck (Engineering)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Pickup Truck for the Engineering Division to replace Unit #233. 2009 Ford Ranger with topper.

Justification

Increased repair and maintenance expenditures on Unit #233.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		35,000				35,000
Total		35,000				35,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		35,000				35,000
Total		35,000				35,000

Project # **V&E-011**
 Project Name **Passenger Vehicle (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Passenger vehicle for the Fire Department to replace Unit 360, 2017 Ford Explorer.

Justification

Unit #360 is a Fire Department emergency response vehicle, which will be six years old. It is recommended to re-assign this emergency response vehicle to non-emergency response division.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					40,000	40,000
Total					40,000	40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					40,000	40,000
Total					40,000	40,000

Project # **V&E-020**
 Project Name **Portable Computers (Police)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Computers

Description

Replacement of portable computers in squad cars. There are currently ten Toughbook PCs with docking stations.

Justification

The current machines were acquired in 2017. Increased repair and maintenance occurs as machines age. New Technology requires current hardware. These portable computers are replaced every four years.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			50,000			50,000
Total			50,000			50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			50,000			50,000
Total			50,000			50,000

Project # **V&E-024**
 Project Name **Unmarked Police Vehicle (Police)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

One new unmarked police vehicle to replace Unit #819 (2011 Dodge Charger).

Justification

Increased repair and maintenance expenditures on Unit #819.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				40,000		40,000
Total				40,000		40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				40,000		40,000
Total				40,000		40,000

Project # **V&E-026**
 Project Name **Pickup Truck (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Pickup Truck for the Park Division to replace Unit #476 (2007 Ford F-150)

Justification

Increased repair and maintenance expenditures on Unit #476.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		35,000				35,000
Total		35,000				35,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		35,000				35,000
Total		35,000				35,000

Project # **V&E-029**
 Project Name **Dump Truck (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Ford F-550 truck with swaploader hook system for the Park Department to replace Unit 480, a 2011 Ford F-550 dump truck with Swaploader hook system.

Justification

Increased repair and maintenance expenditures on Unit #480, which will be ten years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			80,000			80,000
Total			80,000			80,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			80,000			80,000
Total			80,000			80,000

Project # **V&E-030**
 Project Name **Rotary Mower (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Heavy Equip.

Description

16' hydrostatic tractor mower for the Park Department to replace Unit #484 (2013 Toro Groundsmaster 5910D).

Justification

Increased repair and maintenance expenditures on Unit #484, which will be eight years old. Large mowers of this type are the most cost-effective approach to mowing large open areas such as park land.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			110,000			110,000
Total			110,000			110,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			110,000			110,000
Total			110,000			110,000

Project # **V&E-033**
 Project Name **Skylift Man Lift (Park & Street)**

Department **Vehicles and Equipment**
 Contact
 Type **Equipment**
 Useful Life
 Category **Equipment: Heavy Equip.**

Description

Skylift man lift for the Park and Street Divisions to replace Unit #405, a 2009 Skylift man lift.

Justification

Increased repair and maintenance expenditures on Unit #405, which will be ten years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	40,000					40,000
Total	40,000					40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund	40,000					40,000
Total	40,000					40,000

Project # **V&E-034**
 Project Name **Crime Prevention Vehicle (Police)**

Department **Vehicles and Equipment**
 Contact
 Type **Equipment**
 Useful Life
 Category **Vehicles**

Description

New crime prevention vehicle for the Police Department to replace Unit #804 (2008 Dodge Caravan).

Justification

Increased repair and maintenance expenditures on Unit #804.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		30,000				30,000
Total		30,000				30,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		30,000				30,000
Total		30,000				30,000

Project # **V&E-039**
 Project Name **Utility Tractor (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Utility tractor with broom for the Park Department to replace Unit 463, a 2008 John Deere utility tractor. This unit is used to mow right-of-way, maintain skating rinks and general maintenance.

Justification

Increased repair and maintenance expenditures on Unit #463.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					75,000	75,000
Total					75,000	75,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					75,000	75,000
Total					75,000	75,000

Project # **V&E-044**
 Project Name **Pickup Truck (Engineering)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

New pickup truck for the Engineering Department to replace Unit #235 (2012 Ford F-150 pickup).

Justification

Increased repair and maintenance expenditures on Unit #235..

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				35,000		35,000
Total				35,000		35,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				35,000		35,000
Total				35,000		35,000

Project # **V&E-045**
 Project Name **Rescue Vehicle (Fire)**

Department **Vehicles and Equipment**
 Contact
 Type **Equipment**
 Useful Life
 Category **Vehicles**

Description

Rescue vehicle for the Fire Department to replace Unit #347 (2008 Ford F-550).

Justification

Increased repair and maintenance expenditures on Unit 347.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					200,000	200,000
Total					200,000	200,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					200,000	200,000
Total					200,000	200,000

Project # **V&E-047**
 Project Name **Pickup Truck (Park)**

Department **Vehicles and Equipment**
 Contact
 Type **Equipment**
 Useful Life
 Category **Vehicles**

Description

Pickup truck for the Park Maintenance Division to replace Unit 487, a 2013 Ford F-350 pickup truck with utility box.

Justification

Increased repair and maintenance expenditures on Unit #487.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					65,000	65,000
Total					65,000	65,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					65,000	65,000
Total					65,000	65,000

Project # **V&E-048**
 Project Name **Rotary Mower (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Heavy Equip.

Description

ZTR mower for mowing City Hall Complex, Fire Stations and Neighborhood Parks.

Justification

Increased repair and maintenance expenditures on Unit #485.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					50,000	50,000
Total					50,000	50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					50,000	50,000
Total					50,000	50,000

Project # **V&E-053**
 Project Name **Dump Truck (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Tandem axle dump truck for the Street Department to replace Unit #79 (2009 International Axle dump truck with hook system).

Justification

Increased repair and maintenance expenditures on Unit #779, which will be twelve years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					270,000	270,000
Total					270,000	270,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					270,000	270,000
Total					270,000	270,000

Project # **V&E-054**
 Project Name **Pickup Truck (Vehicle Maintenance)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Pickup truck for the Vehicle Maintenance Division to replace Unit 902, a 2008 Ford F-150 pickup truck with utility box and crane.

This unit was originally transferred in 2013 from the Utility Department.

Justification

Increased repair and maintenance expenditures on Unit #902.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					100,000	100,000
Total					100,000	100,000

Funding Sources	2019	2020	2021	2022	2023	Total
Vehicle Maintenance Fund					100,000	100,000
Total					100,000	100,000

Project # **V&E-063**
 Project Name **Pickup Truck (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

One half ton pickup truck for the street department to replace unit #790, a 2011 Ford F-250 pickup.

Justification

Increased repair and maintenance expenditures on Unit #790.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		40,000				40,000
Total		40,000				40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		40,000				40,000
Total		40,000				40,000

Project # **V&E-066**
 Project Name **Tandem Axle Dump Truck (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Tandem axle dump truck for the Street Department to replace unit #779, a 2009 International Tandem Axle dump truck with hook system.

Justification

Increased repair and maintenance expenditures on Unit 779.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		270,000				270,000
Total		270,000				270,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		270,000				270,000
Total		270,000				270,000

Project # **V&E-089**
 Project Name **Sidewalk/Maintenance Tractor (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

Sidewalk/maintenance tractor for clearing walks on the city hall complex for the Street Division to replace unit 767, a 2004 John Deere.

Justification

Increased repair and maintenance expenditures on Unit 767.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					55,000	55,000
Total					55,000	55,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					55,000	55,000
Total					55,000	55,000

Project # **V&E-100**
 Project Name **Pickup Truck (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Park Equipment

Description

PF-350 Pickup/Utility Truck for the Park Division to replace unit 483, a 2012 F-350 pickup/utility truck.

Justification

Increase repair and maintenance expenditures on unit 483,

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				50,000		50,000
Total				50,000		50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				50,000		50,000
Total				50,000		50,000

Project # **V&E-102**
 Project Name **Pickup Truck (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Four door pickup truck with storage box for Fire Department.

Justification

Vehicle to transport firefighters to emergency calls and training. Currently they are taking a fire engine out of service to these types of calls and training.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	40,000					40,000
Total	40,000					40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund	40,000					40,000
Total	40,000					40,000

Project # **V&E-106**
 Project Name **Polaris 6 X 6 (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

Utility Vehicle utilized for off road rescue and transport.

Justification

Increased repair and maintenance expenditures on Unit #341, which will be twelve years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	15,000					15,000
Total	15,000					15,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund	15,000					15,000
Total	15,000					15,000

Project # **V&E-107**
 Project Name **Bobcat Utility Truckster (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

New utility truckster to replace unit #469 (2005 Bobcat).

Justification

Increased repair and maintenance expenditures on Unit #469.

This program allows us to purchase a new truckster and trade-in the old unit for a net of \$4,500. With a new unit, parts and labor are rarely needed.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	55,000	4,500	4,500	4,500	4,500	73,000
Total	55,000	4,500	4,500	4,500	4,500	73,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund	55,000	4,500	4,500	4,500	4,500	73,000
Total	55,000	4,500	4,500	4,500	4,500	73,000

Project # **V&E-109**
 Project Name **Single Axle Dump Truck (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Heavy Equip.

Description

Single axle dump truck for the Street Division to replace Unit 768, a 2005 Sterling 7500 dump truck.

Justification

Increased repair and maintenance expenditures on Unit #768 which will be fourteen years old..

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	230,000					230,000
Total	230,000					230,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund	230,000					230,000
Total	230,000					230,000

Project # **V&E-110**
 Project Name **Dump Truck (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Single-axle dump truck for the Street Department to replace Unit #772 (2007 Sterling Dump Truck).new single axle dump truck will be equipped with swaploader hook system, plows, wind and controls.

Justification

Increased repair and maintenance expenditures on Unit #772.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			230,000			230,000
Total			230,000			230,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			230,000			230,000
Total			230,000			230,000

Project # **V&E-118**
 Project Name **Sidwalk Tractor (Street)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Unassigned

Description

Sidwalk machine for the Street Division to replace Unit #796 (2013 MT Trackless).

Justification

Increased repair, maintenance and parts availability on Unit #796.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				160,000		160,000
Total				160,000		160,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				160,000		160,000
Total				160,000		160,000

Project # **V&E-121**
 Project Name **Tasers (Police)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

30 Tasers were originally purchased in 2005. Thes warrenty runs three years. 19 were purchased in 2013. The remaining will be purchased in 2017. In 2021, another 13 will be replaced.

Justification

Maintenance on each taxer runs around \$800 per time after the warranty expires. This will allow new units to be purchased and less maintenance costs due to the warranty period. The police department believes that the use of the Taser both through deployment and threatened deployment continues to reduce the incidence of injuries to both officers and suspects.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			16,000			16,000
Total			16,000			16,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			16,000			16,000
Total			16,000			16,000

Project # **V&E-136**
 Project Name **Zodiac Boat (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

Zodiac Boat for the Fire Department Unit 329, a 2008 Zodiac boat utilized for water rescue.

Justification

Replace Unit 320, a 2008 Zodiac inflatable boat.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				5,500		5,500
Total				5,500		5,500

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				5,500		5,500
Total				5,500		5,500

Project # **V&E-137**
 Project Name **Outboard Motor (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

Zodiac water rescue boat outboard motor utilized by the Fire Department for water rescues to replace Unit #352 a 2010 Yamaha outboard motor.

Justification

Increased repair and maintenance expenditures on Unit #352.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				5,500		5,500
Total				5,500		5,500

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				5,500		5,500
Total				5,500		5,500

Project # **V&E-138**
 Project Name **Passenger Vehicle (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Passenger vehicle for the Fire Department to replace Unit #354, a 2013 Ford Explorer.

Justification

Increased repair and maintenance on Unit #354 on an emergency response vehicle which will be six years old. This vehicle will be reassigned to the Inspections Department.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		40,000				40,000
Total		40,000				40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		40,000				40,000
Total		40,000				40,000

Project # **V&E-139**
 Project Name **Passenger Vehicle (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Passenger vehicle for the Fire Department to replace Unit #355, a Ford Explorer.

Justification

Increased repair and maintenance on Unit #355 which is an emergency response vehicle This vehicle will be re-assigned to the Inspections Department.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			40,000			40,000
Total			40,000			40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			40,000			40,000
Total			40,000			40,000

Project # **V&E-140**
 Project Name **Utility Trailer (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Park Equipment

Description

Utility trailer for the Park Division to replace Unit #468, a 2005 utility trailer.

Justification

Age, wear and tear on utility trailer Unit #468, which will be fifteen years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		5,500				5,500
Total		5,500				5,500

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		5,500				5,500
Total		5,500				5,500

Project # **V&E-141**
 Project Name **Pickup Truck (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Half Ton pickup truck for the Park Division to replace Unit #475, a 2009 Ford Ranger.

Justification

Increased repair and maintenance expenditures on Unit #475.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	35,000					35,000
Total	35,000					35,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund	35,000					35,000
Total	35,000					35,000

Project # **V&E-142**
 Project Name **Dump Truck (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Ford F-550 Dump Truck with Swaploader hook system for the Park Division to replace Unit #477, a 2010 Ford F-550 Dump Truck with Swaploader hook system.

Justification

Increased repair and maintenance expenditures on Unit #477.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		80,000				80,000
Total		80,000				80,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		80,000				80,000
Total		80,000				80,000

Project # **V&E-143**
 Project Name **Trash Compactor (Park)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

Trash compactor for the Park Division to replace Unit #479, a 2011 Wayne trash compactor with hook frame to be used with F-550 dump trucks with Swaploader hook system.

Justification

Increased repair and maintenance expenditures on Unit #479.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			65,000			65,000
Total			65,000			65,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			65,000			65,000
Total			65,000			65,000

Project # **V&E-146**
 Project Name **Dump Truck (Street)**

Department **Vehicles and Equipment**
 Contact
 Type **Equipment**
 Useful Life
 Category **Vehicles**

Description

Ford F-550 dump truck with Swaploader hook system for the Street Division to replace Unit #791, a 2010 Ford F-550 dump truck with Swaploader hook system.

Justification

Increased repair and maintenance expenditures on Unit #791.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		80,000				80,000
Total		80,000				80,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		80,000				80,000
Total		80,000				80,000

Project # **V&E-147**
 Project Name **Police Commander Vehicle (Police)**

Department **Vehicles and Equipment**
 Contact
 Type **Equipment**
 Useful Life
 Category **Vehicles**

Description

Police commander vehicle for the Police Department to replace Unit #821, a 2012 Ford police interceptor sedan.

Justification

Increased repair and maintenance expenditures on Unit #821.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		50,000				50,000
Total		50,000				50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		50,000				50,000
Total		50,000				50,000

Project # **V&E-148**
 Project Name **SWAT Van (Police)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Replace SWAT Vehicle for Police Department to replace Unit #812, a 1988 Ford L7000.

Justification

Increased repair and maintenance expenditures and unavailable parts on Unit 812.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		100,000				100,000
Total		100,000				100,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund		100,000				100,000
Total		100,000				100,000

Project # **V&E-152**
 Project Name **Passenger Vehicle (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Vehicles

Description

Passenger vehicle for the Fire Department to replace Unit #356 (2015 Ford Crown Victoria).

Justification

Increased repair and maintenance on Unit 356 on an emergency response vehicle. This passenger vehicle will be re-assigned to the Inspection Division.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				40,000		40,000
Total				40,000		40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				40,000		40,000
Total				40,000		40,000

Project # **V&E-153**
 Project Name **Equipment Trailer (Street)**

Department **Vehicles and Equipment**
 Contact
 Type **Equipment**
 Useful Life
 Category **Equipment: Miscellaneous**

Description

Equipment Trailer for the Street Division to replace Unit 774, a 2007 Felling equipment trailer.

Justification

Increase repair and maintenance expenditures on Unit 774.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			20,000			20,000
Total			20,000			20,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund			20,000			20,000
Total			20,000			20,000

Project # **V&E-154**
 Project Name **Traffic Trailer (Police)**

Department **Vehicles and Equipment**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Unassigned**

Description

Traffic control/radar trailer for the Police Department to replace Unit 817, a 2012 message/radar trailer.

Justification

Increased repair and maintenance expenditures on unit 817, which will be ten years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				30,000		30,000
Total				30,000		30,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund				30,000		30,000
Total				30,000		30,000

Project # **V&E-155**
 Project Name **Trailer (Street)**

Department Vehicles and Equipment
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Trailer for the Street Maintenance Division to replace Unit 754, a 2000 utility trailer.

Justification

Increased repair and maintenance expenditures on Unit 754.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					5,000	5,000
Total					5,000	5,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					5,000	5,000
Total					5,000	5,000

Project # **V&E-156**
 Project Name **Trailer (Fire)**

Department Vehicles and Equipment
 Contact
 Type Equipment
 Useful Life
 Category Unassigned

Description

Trailer for the Fire Department to replace Unit #344, a 2003 utility trailer.

Justification

Increased repair and maintenance expenditures on Unit 344.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	5,000					5,000
Total	5,000					5,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund	5,000					5,000
Total	5,000					5,000

Project # **V&E-158**
 Project Name **Passenger Car (Police)**

Department **Vehicles and Equipment**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Unassigned**

Description
 A passenger vehicle that can be used for emergencies for the Police Chief and/or commanders to respond. This will replace unit #831, a 2008 Chevrolet Suburban that was a forfeited vehicle.

Justification
 Increased repair and maintenance expenditures on Unit #831.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					40,000	40,000
Total					40,000	40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Equipment Replacement Fund					40,000	40,000
Total					40,000	40,000



Capital Improvement Program 2019-2023

Park Improvement Section

The City Council reviews the submissions from the Open Space and Recreation Commission, Park & Recreation, and Public Works staff for the development and improvement of the City's park system. The commission consists of nine members that are appointed by the City Council and serve as an advisory board to the City Council.

In 2006, as part of the City's parks planning initiative on park facilities, the City Council focused this year on developing a vision for Golden Valley parks and recreation facilities. The City solicited citizen input via information meetings in parks, a survey of youth athletic association leaders and a citizen survey was created with the help of the Open Space and Recreation Commission. All information will be gathered to help plan the future of the park improvements for the next five years. The City will also use the results from the building survey and ADA consultant.

Project # **P-001**
 Project Name **Bleacher, Soccer Goal, Team Bench & Picnic Tables**

Department Parks
 Contact
 Type Improvement
 Useful Life
 Category Park Improvements

Description

Replacement of bleachers at Lions fields #3 & #4 (2019), Scheid #1 & #2 and Hampshire Fields #1 & #2 (2020), Natchez Park field #1 and Gearty Park field #1 (2021). Begin replacement of picnic tables at Brookview Park beginning 2021 and 2023. Team benches and soccer goals replaced as needed.

Justification

Continuing to replace bleachers on all GV fields to meet current safety guidelines. Picnic tables, team benches and soccer goals are deteriorating throughout the park system and need to systematically replaced.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	25,000	15,000	25,000	25,000	25,000	115,000
Total	25,000	15,000	25,000	25,000	25,000	115,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	25,000	15,000	25,000	25,000	25,000	115,000
Total	25,000	15,000	25,000	25,000	25,000	115,000

Project # **P-002**
 Project Name **Park Trail and Parking Lot Improvement**

Department Parks
 Contact
 Type Improvement
 Useful Life
 Category Park Improvements

Description

In 2019, Medley Park parking lot will be reconstructed as part of the 2019 Pavement Management Program (PMP) utilizing \$90,000. Generally on an annual basis staff reconstructs internal parking trails and patch/sealcoat/reconstruct parking areas located throughout the park system utilizing worst case scenario first determined by staff.

Justification

Maintain quality, safety and usability of City parks for a lifetime active sport and meet ADA accessibility standards. Paved trails are deteriorating, with certain segments subject to serious erosion. Trails and parking areas will be evaluated to determine priorities.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	90,000	40,000	50,000	75,000	75,000	330,000
Total	90,000	40,000	50,000	75,000	75,000	330,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	90,000	40,000	50,000	75,000	75,000	330,000
Total	90,000	40,000	50,000	75,000	75,000	330,000

Project # **P-003**
 Project Name **Play Structure Replacement**

Department Parks
 Contact
 Type Improvement
 Useful Life
 Category Park Equipment

Description

New playground equipment and area curbing on an "as-needed" basis in the City's parks.
 2018-Wesley Park
 2019-Schied Park
 2021-Yosemite Park
 2022-South Tyrol Park
 2023-Natchez Park

Justification

Play structures are used frequently and need repairs and periodic replacements due to wearing out and will eventually become unsafe. The City is required to meet Consumer Product Safety Commission (CPSC) guidelines, as well as the requirements of the Americans With Disabilities Act (ADA).

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	60,000		60,000	60,000	60,000	240,000
Total	60,000		60,000	60,000	60,000	240,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	60,000		60,000	60,000	60,000	240,000
Total	60,000		60,000	60,000	60,000	240,000

Project # **P-015**
 Project Name **Outdoor Hard Surface Replacement**

Department Parks
 Contact
 Type Maintenance
 Useful Life
 Category Park Improvements

Description

Replace old and deteriorating outdoor basketball courts hard surface borders, and play structure wood fiber. Proposed Basketball court replacement schedule is:
 2019-Stockman and Scheid
 2020-Lions and Seeman
 2021-Scheid and Natchez
 2022-North Tyrol and South Tyrol
 2023-Yosemite and Wildwood

Justification

Outdoor basketball courts athletic fields, play structure borders and base materials continue to quickly deteriorate and need to be systematically replaced. Most of our basketball hoops are 1970's vintage and need updating. All new hoops will be replaced with adjustable units which will make them accessible for family use and younger park patrons.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	23,000	20,000	25,000	25,000	25,000	118,000
Total	23,000	20,000	25,000	25,000	25,000	118,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	23,000	20,000	25,000	25,000	25,000	118,000
Total	23,000	20,000	25,000	25,000	25,000	118,000

Project # **P-016**
 Project Name **Park Signage Replacement**

Department Parks
 Contact
 Type Maintenance
 Useful Life
 Category Park Improvements

Description

Replace deteriorating and aging park signs at all community parks, neighborhood parks, nature areas and open spaces. Park Maintenance staff will utilize a worst first scenario as to a replacement schedule.

Justification

Current park signs are deteriorating and need to be replaced. New signs will be added to locations which currently do not have park signage. Replacement schedule will be to add/replace 5-7 park signs annually.

Expenditures	2019	2020	2021	2022	2023	Total
Other	10,000	5,000	5,000	5,000	5,000	30,000
Total	10,000	5,000	5,000	5,000	5,000	30,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	10,000	5,000	5,000	5,000	5,000	30,000
Total	10,000	5,000	5,000	5,000	5,000	30,000

Project # **P-017**
 Project Name **Sun Shelter Replacements and Additions**

Department Parks
 Contact
 Type Improvement
 Useful Life
 Category Park Improvements

Description

Replace Sun Shelters in various parks:
 2022-Glenview Terrace
 2023-Yosemite and Seeman

Justification

Various summer mobile park playground programs are being offered and do not have any cover for the program. New sun shelters will allow cover from the sun and rain and provide a staging area with picnic tables for supplies and the program.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				25,000	50,000	75,000
Total				25,000	50,000	75,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)				25,000	50,000	75,000
Total				25,000	50,000	75,000

Project # **P-018**
 Project Name **Tennis & Pickle Ball Court Resurfacing**

Department Parks
 Contact
 Type Maintenance
 Useful Life
 Category Park Improvements

Description

Fill cracks and birdbaths, power wash, resurface and repaint tennis courts. Court determination will be a worst first scenario. Funds budgeted should allow for one tennis court location resurface annually.

Justification

Generally a tennis court resurfacing needs to be done every 5-7 years, unfortunately a number of the tennis courts require resurfacing more frequent.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	15,000	15,000	15,000	15,000	15,000	75,000
Total	15,000	15,000	15,000	15,000	15,000	75,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	15,000	15,000	15,000	15,000	15,000	75,000
Total	15,000	15,000	15,000	15,000	15,000	75,000

Project # **P-023**
 Project Name **Re-Lamp Athletic Field and Rink Lights (LED)**

Department Parks
 Contact
 Type Maintenance
 Useful Life
 Category Park Equipment

Description

Replace athletic field and outdoor ice rink lamps and fixtures. A worst first replacement scheduled will be determined by staff annually.

Justification

Outdoor athletic field and rink light systems require regular maintenance and replacement to operate properly.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	25,000	18,000	18,000	18,000	18,000	97,000
Total	25,000	18,000	18,000	18,000	18,000	97,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	25,000	18,000	18,000	18,000	18,000	97,000
Total	25,000	18,000	18,000	18,000	18,000	97,000

Project # **P-024**
 Project Name **Wildwood Park Athletic Field**

Department Parks
 Contact
 Type Maintenance
 Useful Life
 Category Park Improvements

Description

Construct new soccer, football, Lacrosse field at Wildwood Park and the ISD 281 property for community and school use. Project would include regrading field area, addition of irrigation, turf improvement and new goals/bleachers.

Justification

Community youth athletic groups and school district are in need of additional green field space for youth recreation, physical education classes and athletics. This project would be a joint partnership project with the City of Golden Valley, ISD #281 and Golden Valley Youth Athletic Associations.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements			50,000			50,000
Total			50,000			50,000
Funding Sources	2019	2020	2021	2022	2023	Total
Golden Valley Youth Associations			12,500			12,500
ISD #281			12,500			12,500
Park Improvement Fund (5600)			25,000			25,000
Total			50,000			50,000

Project # **P-025**
 Project Name **Community Gardens**

Department Parks
 Contact
 Type Unassigned
 Useful Life
 Category Park Improvements

Description

Add two community garden areas in the Golden Valley Park system.

Justification

Community Gardens are required frequently by residents as an addition to the services offered through the Park & Recreation Department. Staff will work with residents and the Open Space and Recreation Commission to identify potential locations and make recommendations to the City Council.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	30,000		30,000			60,000
Total	30,000		30,000			60,000
Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	30,000		30,000			60,000
Total	30,000		30,000			60,000

Project # P-026
Project Name Off-Leash Pet Exercise Area

Department Parks
Contact
Type Improvement
Useful Life
Category Park Improvements

Description

Add an off-leash pet exercise area in the Golden Valley Park sSystem.

Justification

Off-Leash Pet Exercise areas requested frequently by residents as an addition to the services offered through the Parks & Recreation Department This is also a key amenity which has been identified in the community survey as well as a goal in the comprehensive park plan. Staff will work with the Open Space and Recreation Commission to identify a potential location and make a recommendation to the City Council.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements		60,000				60,000
Total		60,000				60,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)		60,000				60,000
Total		60,000				60,000

Project # P-027
Project Name Dugout, Fence and Feiled Replacement

Department Parks
Contact
Type Unassigned
Useful Life
Category Unassigned

Description

Staff is proposing to begin reconstructing ballfields, repairing fence/backstops and adding shade structure over dugouts each season. Softball field dugouts need updates to meet use and ssafety needs and ballfields require ongoing maintenance to keep them available for use. Staff is recommending improvements begin at Lions Park and then shift to a worst first replacement scheduled which will be determined by staff annually.

Justification

All ballfields are activie daily with city sponsored programs and Golden Valley youth athletic association use. Without field improvements staff will not be able to maintain the current level of use.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	55,000	35,000	55,000	55,000	55,000	255,000
Total	55,000	35,000	55,000	55,000	55,000	255,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	55,000	35,000	55,000	55,000	55,000	255,000
Total	55,000	35,000	55,000	55,000	55,000	255,000

Project # **P-028**
 Project Name **Scoreboard Updat/Replacement**

Department Parks
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Update and/or replace scoreboards currently in place on Golden Valley fields. Improvement schedule will be based on a worst first update/replacement on staff recommendation.

Justification

All scoreboards on Golden Valley athletic fields are in need of significant maintenance and upkeep to keep them functional. Staff will look to fiscally partner with community athletic associations and seek grants whenever appropriate or possible.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	25,000		25,000	25,000		75,000
Total	25,000		25,000	25,000		75,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)	25,000		25,000	25,000		75,000
Total	25,000		25,000	25,000		75,000

Project # **P-031**
 Project Name **Soft Fall Wood Fiber Replacement**

Department Parks
 Contact
 Type Improvement
 Useful Life
 Category Park Improvements

Description

Annual addition of soft fall wood fiber for Golden Valley play structures.

Justification

All Golden Valley play structures have soft fall wood fiber as the base material to meet safety codes and ADA standards. Wood fiber deteriorates annually requiring annual filling. Staff will utilize a worst first schedule for replacement.

Expenditures	2019	2020	2021	2022	2023	Total
Other				15,000	15,000	30,000
Total				15,000	15,000	30,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)				15,000	15,000	30,000
Total				15,000	15,000	30,000

Project # **P-032**
 Project Name **Sand Volleyball Courts**

Department Parks
 Contact
 Type Improvement
 Useful Life
 Category Park Improvements

Description

Ezpannd current volleyball courts and add new courts in community parks to meet growing demand.

Justification

Community and league use of sand volleyball courts is continuing to grow. In 2022, staff is recommending adding additional courts to current locations and adding new courts in park areas around the community.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements				15,000	15,000	30,000
Total				15,000	15,000	30,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)				15,000	15,000	30,000
Total				15,000	15,000	30,000

Project # **P-033**
 Project Name **Tennis Court Lights**

Department Parks
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Replacement of tennis court lights at Wesley Park.

Justification

The Wesley Park tennis courts are a key amenity for tennis in Golden Valley. During the reconstruction of the temmis courts in 2018, the budget did not allow for the replacement of the lights. Lights are recommended to be added in 2020.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance		150,000				150,000
Total		150,000				150,000

Funding Sources	2019	2020	2021	2022	2023	Total
Park Improvement Fund (5600)		150,000				150,000
Total		150,000				150,000



Capital Improvement Program 2019-2023

Brookview Golf Course Section

Brookview Golf Course is owned and operated by the City of Golden Valley under the auspices of the Park and Recreation Department. The Brookview golf facility consists of an 18 –Hole Regulation Course, 9-Hole Par 3, Driving Range and teaching area, Golf Shop, Restaurant and Lawn Bowling. Brookview's Regulation Course is a challenging, mature course with some tree-lined fairways, 28 bunkers, fairly small greens, and an abundance of water hazards. A maintenance building at 100 Brookview Parkway and Clubhouse are rented from the City.

User fees are the main source of revenue.

History:

Brookview Golf Course was a private country club until the late 1960s, when the City of Golden Valley purchased the facility to operate as a municipal golf course. In 1976-77, the course underwent major renovations with the addition of the Par 3 nine-hole course and Driving Range. In 1984-85, extensive work was done to bridge the fairways and enlarge the ponds to alleviate flooding. The Regulation Course was closed in 1990 to redesign and rebuild the greens. That same year, the clubhouse was enlarged and remodeled. In 2014, a Lawn Bowling Course was added. In December of 2017, the Pro Shop and Three One Six Bar + Grill moved into their new Brookview Building.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Golf Course							
Green/Tee Mowers	GC-003					45,000	45,000
Utility Cart	GC-005	11,000	11,000				22,000
Point of Sale System	GC-007				30,000		30,000
Rough Mowers	GC-010			70,000		70,000	140,000
Fairway Mower	GC-014		50,000	52,000			102,000
Bridge Improvements	GC-023			40,000	40,000		80,000
Turf Sprayer	GC-031	50,000					50,000
Beverage Cart	GC-035					25,000	25,000
Hole 18 Tee Improvements	GC-041				50,000		50,000
Range Nets	GC-045	19,675	20,000				39,675
Aerator	GC-046		25,000				25,000
Lightning Alarm System	GC-047	22,000					22,000
Golf Course Total		102,675	106,000	162,000	120,000	140,000	630,675
Brookview Golf Course Fund		102,675	106,000	162,000	120,000	140,000	630,675
Golf Course Total		102,675	106,000	162,000	120,000	140,000	630,675
Grand Total		102,675	106,000	162,000	120,000	140,000	630,675

Project # **GC-003**
 Project Name **Green/Tee Mowers**

Department **Golf Course**
 Contact
 Type **Equipment**
 Useful Life
 Category **Equipment: Heavy Equip.**

Description

Green/ Tee mowers to replace current unit. One unit to be replaced in each year shown.

Justification

Increased repair and maintenance expenditures on current units.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					45,000	45,000
Total					45,000	45,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund					45,000	45,000
Total					45,000	45,000

Project # **GC-005**
 Project Name **Utility Cart**

Department **Golf Course**
 Contact
 Type **Equipment**
 Useful Life
 Category **Equipment: Heavy Equip.**

Description

Utility carts to replace current units.

Justification

Increased repair and maintenance expenditures on current units.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	11,000	11,000				22,000
Total	11,000	11,000				22,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund	11,000	11,000				22,000
Total	11,000	11,000				22,000

Project # **GC-007**
 Project Name **Point of Sale System**

Department **Golf Course**
 Contact
 Type **Equipment**
 Useful Life
 Category **Equipment: Miscellaneous**

Description

Purchase a new POS/Cash Register system for golf, lawn bowling, banquet, and food and beverage operations.

Justification

Upgrade in technology, current system needs replacement.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				30,000		30,000
Total				30,000		30,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund				30,000		30,000
Total				30,000		30,000

Project # **GC-010**
 Project Name **Rough Mowers**

Department **Golf Course**
 Contact
 Type **Equipment**
 Useful Life
 Category **Equipment: Heavy Equip.**

Description

Rough Mower to replace units.

Justification

Increased repair and maintenance expenditures on current units.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			70,000		70,000	140,000
Total			70,000		70,000	140,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund			70,000		70,000	140,000
Total			70,000		70,000	140,000

Project # **GC-014**
 Project Name **Fairway Mower**

Department Golf Course
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

Mows the Golf Course Fairways five times a week during the golf season.

Justification

Increased repair and maintenance expenditures on current unit.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		50,000	52,000			102,000
Total		50,000	52,000			102,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund		50,000	52,000			102,000
Total		50,000	52,000			102,000

Project # **GC-023**
 Project Name **Bridge Improvements**

Department Golf Course
 Contact
 Type Improvement
 Useful Life
 Category Course Improvements

Description

In 2013, one side of the support abutment was repaired and tested for settlement. In 2014 and 2015, more concrete approaches will be replaced.

Justification

Improvement to the structure and safety of bridges.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements			40,000	40,000		80,000
Total			40,000	40,000		80,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund			40,000	40,000		80,000
Total			40,000	40,000		80,000

Project # **GC-031**
 Project Name **Turf Sprayer**

Department Golf Course
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

Maintenance equipment that sprays fungicide and herbicide.

Justification

Replacement of sprayer previously purchased in 2004.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	50,000					50,000
Total	50,000					50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund	50,000					50,000
Total	50,000					50,000

Project # **GC-035**
 Project Name **Beverage Cart**

Department Golf Course
 Contact
 Type Equipment
 Useful Life
 Category Equipment: Miscellaneous

Description

The current beverage cart was purchased in 2016 and is in need of replacement.

Justification

The beverage cart is a very important part of servicing the golfers and an additional revenue source.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					25,000	25,000
Total					25,000	25,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund					25,000	25,000
Total					25,000	25,000

Project # **GC-041**
 Project Name **Hole 18 Tee Improvements**

Department Golf Course
 Contact
 Type Improvement
 Useful Life
 Category Course Improvements

Description

Improvements to Hole #18 tee

Justification

Maintenance work to improve the \$18 tee which is deteriorating.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance				50,000		50,000
Total				50,000		50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund				50,000		50,000
Total				50,000		50,000

Project # **GC-045**
 Project Name **Range Nets**

Department Golf Course
 Contact
 Type Maintenance
 Useful Life
 Category Course Improvements

Description

Nets along the Driving Range need to be repaired and replaced.

Justification

Nets have to be repaired and replaced for the Driving Range for security of the drivers on near by roads and other golfers.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	19,675	20,000				39,675
Total	19,675	20,000				39,675

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund	19,675	20,000				39,675
Total	19,675	20,000				39,675

Project # GC-046

Project Name Aerator

Department Golf Course

Contact

Type Equipment

Useful Life

Category Equipment: Miscellaneous

Description

Turf Aerator for soil compaction.

Justification

Replacing current units that are over 25 years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		25,000				25,000
Total		25,000				25,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund		25,000				25,000
Total		25,000				25,000

Project # GC-047

Project Name Lightning Alarm System

Department Golf Course

Contact

Type Equipment

Useful Life

Category Equipment: Miscellaneous

Description

Weather monitoring system that measures electricity in the air and incorporates sirens to ensure golfer and employee safety.

Justification

Replacing current system that is over 20 years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	22,000					22,000
Total	22,000					22,000

Funding Sources	2019	2020	2021	2022	2023	Total
Brookview Golf Course Fund	22,000					22,000
Total	22,000					22,000



Capital Improvement Program 2019-2023

Building Improvement Section

The City owns and or/maintains the following facilities for the purpose of carrying out its mission of providing needed services to the community and bringing people together by fostering inviting public spaces where people work and play, encounter their fellow citizens and discover common interests. This has incorporated the Wold Architects and Engineers city-wide comprehensive facility assessment building analysis that was completed late 2006.

Golden Valley Buildings

	Total Square Feet
City Hall	26,350
Public Safety (Police and Fire Station #1)	28,000
Streets and Park Maintenance	29,100
Utilities Maintenance	12,950
Vehicles Maintenance	12,500
Warehouse & Animal Impound	11,490
Golf Maintenance	12,050
Fire Station No. 2	5,785
Fire Station No. 3	6,030
Brookview Center/Golf Operations	37,000

A transfer from the General Fund is the main source of revenue.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Buildings							
Generators	B-012			50,000			50,000
Air Compressors	B-013			5,000			5,000
Replace CoRayVac Heating Systems	B-018	175,000					175,000
Installation of Building Security Systems	B-027	10,000	10,000	10,000	10,000	10,000	50,000
Council Chambers Remodeling	B-036	300,000					300,000
Public Buildings Roof Replacements	B-041	150,000	150,000	150,000			450,000
City Hall Boiler Replacement	B-043		225,000				225,000
10th Avenue Storage Building -Insulate and Heat	B-046				375,000		375,000
10th Ave South Side Storage Yard	B-048		125,000	125,000	125,000		375,000
Park Shelters Building Improvements	B-049		50,000	50,000			100,000
Brookview Shelter Sewer Service Repair	B-050		50,000				50,000
10th Avenue Storage Yard Improvements	B-051					100,000	100,000
	Buildings Total	635,000	610,000	390,000	510,000	110,000	2,255,000
		635,000	610,000	390,000	510,000	110,000	2,255,000
	Buildings Total	635,000	610,000	390,000	510,000	110,000	2,255,000
		635,000	610,000	390,000	510,000	110,000	2,255,000
	Grand Total	635,000	610,000	390,000	510,000	110,000	2,255,000

Project # **B-012**
 Project Name **Generators**

Department Buildings
 Contact
 Type Improvement
 Useful Life
 Category Buildings

Description

Remove and replace/upgrade existing building emergency standby generators.

Justification

Generators are used to keep buildings ready to operate 24 hours a day. The generator replacement in 2021 is for the public safety building.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			50,000			50,000
Total			50,000			50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)			50,000			50,000
Total			50,000			50,000

Project # **B-013**
 Project Name **Air Compressors**

Department Buildings
 Contact
 Type Improvement
 Useful Life
 Category Buildings

Description

Replace air compressor in the Park/Street Maintenance Building.

Justification

The existing air compressors are over 20 years and in need of replacement.

2021-one air compressor Park/Street Maintenance Building

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			5,000			5,000
Total			5,000			5,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)			5,000			5,000
Total			5,000			5,000

Project # **B-036**
 Project Name **Council Chambers Remodeling**

Department Buildings
 Contact
 Type Improvement
 Useful Life
 Category Buildings

Description

Complete remodel of Council Chambers

Justification

The Council Chambers has not been updated in over 28 years. Remodel to more accurately match the City's current need of the room. The equipment will be replaced with cable franchise fees in the cablecasting improvement fund

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	300,000					300,000
Total	300,000					300,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)	300,000					300,000
Total	300,000					300,000

Project # **B-041**
 Project Name **Public Buildings Roof Replacements**

Department Buildings
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Replace roofs on buildings that are thirty-years old or greater.

Justification

Roof replacements are scheduled to be replaced on various public buildings.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	150,000	150,000	150,000			450,000
Total	150,000	150,000	150,000			450,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)	150,000	150,000	150,000			450,000
Total	150,000	150,000	150,000			450,000

Project # **B-043**
 Project Name **City Hall Boiler Replacement**

Department Buildings
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Replace the City Hall Boiler System and control system..

Justification

The existing boiler system for City Hall is over 40 years old and is not efficient according to today's standard. The system would require total replacement.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		225,000				225,000
Total		225,000				225,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)		225,000				225,000
Total		225,000				225,000

Project # **B-046**
 Project Name **10th Avenue Storage Building -Insulate and Heat**

Department Buildings
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Install insulation and heat at the existing 10th Avenue storage building

Justification

Installation of insulation and heat for the 10th Avenue storage building gives public works storage space for equipment that needs to be protected from freezing street sweepers, water truck, Vactor and Jet truck, etc.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				375,000		375,000
Total				375,000		375,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)				375,000		375,000
Total				375,000		375,000

Project # **B-048**
 Project Name **10th Ave South Side Storage Yard**

Department Buildings
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Install a sectional concrete wall around the south side outdoor storage yearly for security and visual screening of storage yard.

Justification

The dirt berms around the site are an eyesore and do not offer any security.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements		125,000	125,000	125,000		375,000
Total		125,000	125,000	125,000		375,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)		125,000	125,000	125,000		375,000
Total		125,000	125,000	125,000		375,000

Project # **B-049**
 Project Name **Park Shelters Buidling Improvements**

Department Buildings
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Park Shelter buildings are in need of new mechanicals relating to heat and lighting. Windows will be added to some shelters.

Justification

The park shelter building mechnaical equipment is in need of replacement. As each shelter is reviewed, mechanicals and potential installation of windows will occur.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements		50,000	50,000			100,000
Total		50,000	50,000			100,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)		50,000	50,000			100,000
Total		50,000	50,000			100,000

Project # B-050
Project Name Brookview Shelter Sewer Service Repair

Department Buildings
Contact
Type Unassigned
Useful Life
Category Unassigned

Description

Repair Brookview Shelter 8" sewer service with 4" HDPE pipe.

Justification

The existing 8" is oversized for the building resulting in frequent backups.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements		50,000				50,000
Total		50,000				50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)		50,000				50,000
Total		50,000				50,000

Project # B-051
Project Name 10th Avenue Storage Yard Improvements

Department Buildings
Contact
Type Unassigned
Useful Life
Category Unassigned

Description

Installation of a water service to the yard on the south side of the road and sanitary sewer service to the building on the north side of the road.

Justification

Water is needed on the south side of the road to wash equipment. The runoff would drain into a retention pond. Washing equipment at 10th Avenue instead of behind the Utility building would improve storm water quality. Sanitary sewer is needed before the concrete floor with floor drains is installed.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements					100,000	100,000
Total					100,000	100,000

Funding Sources	2019	2020	2021	2022	2023	Total
Building Fund (5200)					100,000	100,000
Total					100,000	100,000



Capital Improvement Program 2019-2023

Cablecasting Improvement Section

The City of Golden Valley partners with Northwest Community Television (NWCT) to bring you a wide variety of city video programming featuring information about your local government as well as activities and events in the community. This capital project fund plans for major improvements to provide access for city meetings.

History

NWCT started in 1982 and is funded by a joint powers agreement that supports public access and local programming activities through local Franchise and Community Television fees. Nine adjacent cities are part of the franchise agreement between Comcast and the Northwest Suburbs Cable Communications Commission (NWSCCC). They include Brooklyn Center, Brooklyn Park, Crystal, Golden Valley, Maple Grove, New Hope Osseo, Plymouth, and Robbinsdale.

Cable Franchise fees are the main source of revenue.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Cablecasting Improvements							
Cable Equipment Replacement	C-001	200,000					200,000
Cablecasting Improvements Total		200,000					200,000
<i>Cablecasting Improvements</i>		200,000					200,000
<i>Cablecasting Improvements Total</i>		200,000					200,000
Grand Total		200,000					200,000

Project # **C-001**
 Project Name **Cable Equipment Replacement**

Department Cablecasting Improvements
 Contact
 Type Improvement
 Useful Life
 Category Cablecasting Improvements

Description

Replace aging equipment in cable TV control room with updated equipment employing digital technology.

Justification

As equipment ages, the use for compatible software and hardware changes over time which requires new equipment.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	200,000					200,000
Total	200,000					200,000

Funding Sources	2019	2020	2021	2022	2023	Total
Cablecasting Improvements	200,000					200,000
Total	200,000					200,000



Capital Improvement Program 2019-2023

Storm Water Section

This section includes the storm water infrastructure improvements and the flood damage reduction program for the next five years. Most of these improvements, which include both rate control and water quality projects, coincide with the Pavement Management Program (see section on Streets).

Improvements will be funded by user fees based on different types of property as to the volume of storm water runoff from an acre of each type of land. The goal is to have enough reserves to account for 50% of the current revenues.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Storm Water							
Residential Storm Sewer Improvements	SS-01	850,000	750,000	750,000	750,000	750,000	3,850,000
Brookview Golf Course - Buffer Zone Implementation	SS-12	50,000		50,000			100,000
Pickup Truck (Storm Water Utility)	SS-22				35,000		35,000
Storm Water Pond Dredging	SS-23		300,000		300,000		600,000
V-Box Spreader and Anti-Ice (tandem)	SS-25		67,000				67,000
V-Box Spreader and Anti-Ice (tandem)	SS-26					67,000	67,000
Sidewalk Sweeper	SS-27		20,000				20,000
Flood Mitigation	SS-34	250,000	250,000	250,000	250,000	250,000	1,250,000
Bobcat Toolcat	SS-41					55,000	55,000
Zane Avenue & Lindsay St Reconstruction	SS-46				335,000		335,000
DeCola Ponds B and C	SS-48	3,900,000	700,000				4,600,000
Medley Park Stormwater Treatment Facility	SS-49				220,000	330,000	550,000
800 MHz Radios	SS-51	40,000					40,000
Storm Sewer Repairs-MS4 and Overlay Program	SS-53	150,000	150,000	150,000	150,000	150,000	750,000
Decola Pond F Diversion	SS-54			1,600,000	620,000	3,480,000	5,700,000
Janalyn Pond Lift Station	SS-58	125,000					125,000
Sidewalk Sweeper	SS-59				20,000		20,000
Bassett Creek Regional Trail-Storm Sewer Repairs	SS-60		50,000				50,000
Storm Water Total		5,365,000	2,287,000	2,800,000	2,680,000	5,082,000	18,214,000
Bassett Creek Watershed Mgmt Comm		1,100,000	500,000		500,000	1,300,000	3,400,000
Hennepin County		500,000	170,000				670,000
MN DNR		2,300,000		1,000,000		1,780,000	5,080,000
Storm Water Utility Fund (7300)		1,465,000	1,617,000	1,800,000	2,180,000	2,002,000	9,064,000
Storm Water Total		5,365,000	2,287,000	2,800,000	2,680,000	5,082,000	18,214,000
Grand Total		5,365,000	2,287,000	2,800,000	2,680,000	5,082,000	18,214,000

Project # SS-01
Project Name Residential Storm Sewer Improvements

Department Storm Water
Contact
Type Improvement
Useful Life
Category Storm Sewer

Description

Construction and repair of storm sewer drainage system in conjunction with the Pavement Management Program and forthcoming Infrastructure Renewal Program.

Justification

Provide an improve storm water drainage system in conjunction with the Pavement Management Program (PMP) and forthcoming Infrastructure Renewal Program (IRP) to facilitate surface water runoff, minimize local drainage and flooding issues, protect pavement and facilitate sump drainage from the private property.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	850,000	750,000	750,000	750,000	750,000	3,850,000
Total	850,000	750,000	750,000	750,000	750,000	3,850,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)	850,000	750,000	750,000	750,000	750,000	3,850,000
Total	850,000	750,000	750,000	750,000	750,000	3,850,000

Project # SS-12
Project Name Brookview Golf Course - Buffer Zone Implementation

Department Storm Water
Contact
Type Improvement
Useful Life
Category Storm Sewer

Description

Perform a study in 2013 to identify locations for the development of native vegetation buffer areas in Brookview Golf Course. Construction of the buffer areas after 2013.

Justification

Removal of nutrients and sediment from stormwater runoff entering golf course ponds and Bassett Creek.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	50,000		50,000			100,000
Total	50,000		50,000			100,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)	50,000		50,000			100,000
Total	50,000		50,000			100,000

Project # **SS-22**
 Project Name **Pickup Truck (Storm Water Utility)**

Department Storm Water
 Contact
 Type Equipment
 Useful Life
 Category Storm Sewer

Description

Ford F150 to replace Unit #507 (2012 Ford F150).

Justification

Increased repair and maintenance expenditures on Unit #507, which will be twelve years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				35,000		35,000
Total				35,000		35,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)				35,000		35,000
Total				35,000		35,000

Project # **SS-23**
 Project Name **Storm Water Pond Dredging**

Department Storm Water
 Contact
 Type Maintenance
 Useful Life
 Category Storm Sewer

Description

Pond Dredging program to remove accumulated sediment and hazardous materials such as Polycyclic Aromatic Hydrocarbons (PAH), including the proper disposal of dredged materials. Project locations will be prioritized and targeted utilizing the City's storm water pond modeling software, field surveys and other factors.

Justification

Significant sedimentation reduces the water quality volume in ponds and contributes to degradation of downstream waters. Periodic dredging removes accumulated sediment and hazardous materials and restores nutrient and sediment removal efficiencies.

Expenditures	2019	2020	2021	2022	2023	Total
Other		300,000		300,000		600,000
Total		300,000		300,000		600,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)		300,000		300,000		600,000
Total		300,000		300,000		600,000

Project # **SS-25**
 Project Name **V-Box Spreader and Anti-Ice (tandem)**

Department Storm Water
 Contact
 Type Equipment
 Useful Life
 Category Storm Sewer

Description

V-Box sander with liquid application for pre-wet and anti-icing for tandem axle dump truck. This unit is 508.

Justification

V-Box sanders are the most efficient and cost effective way to apply de-icing chemicals for winter operations. V-Box sanders will reduce the impacts of de-icing chemicals on local lakes and streams.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		67,000				67,000
Total		67,000				67,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)		67,000				67,000
Total		67,000				67,000

Project # **SS-26**
 Project Name **V-Box Spreader and Anti-Ice (tandem)**

Department Storm Water
 Contact
 Type Equipment
 Useful Life
 Category Storm Sewer

Description

V-Box sander with liquid application for pre-wet and anti-icing for tandem axle dump truck. This unit is 511.

Justification

V-Box sanders are the most efficient and cost effective way to apply the de-icing chemicals for winter operations. V-Box sanders will reduce the impacts of de-icing chemicals on local lakes and streams.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					67,000	67,000
Total					67,000	67,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)					67,000	67,000
Total					67,000	67,000

Project # **SS-41**
 Project Name **Bobcat Toolcat**

Department Storm Water
 Contact
 Type Equipment
 Useful Life
 Category Storm Sewer

Description

Bobcat Toolcat will be purchased with snow blower and sweeper attachments. This is a multipurpose loader that can also be used as a stump grinder, post hole auger, trencher etc. This unit was purchased in 2013 and is unit 510.

Justification

Increased repair and maintenance on Unit 510.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					55,000	55,000
Total					55,000	55,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)					55,000	55,000
Total					55,000	55,000

Project # **SS-46**
 Project Name **Zane Avenue & Lindsay St Reconstruction**

Department Storm Water
 Contact
 Type Improvement
 Useful Life
 Category Storm Sewer

Description

Construction and/or repair of storm sewer drainage system in conjunction with Pavement Management Program.

Justification

Provide and improve storm water drainage system in conjunction with the Pavement Management Program to facilitate surface water runoff, minimize local drainage and flooding issues, protect pavement and facilitate sump drainage from private property.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements				335,000		335,000
Total				335,000		335,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)				335,000		335,000
Total				335,000		335,000

Project # SS-48
 Project Name DeCola Ponds B and C

Department Storm Water
 Contact
 Type Unassigned
 Useful Life
 Category Storm Sewer

Description

Construction of flood storage ponds and storm sewer pipes to lower the depth of flooding and reduce flood damage in the Medicine Lake Road and Decola Ponds area.

In 2018, the City of Golden Valley provided \$500,000 for plans and specifications.

Justification

The Medicine Lake Road and Winnetka Avenue Area Flood Mitigation Study identified several projects that are needed to reduce the effect of repeat flooding on the roadway and adjacent properties. Projects will reduce the depth of flooding on the roadway and will lower flood elevations to help protect structures from flood damage. The Bassett Creek Watershed Management Commission Capital Improvement Program includes construction of this project.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	3,900,000	700,000				4,600,000
Total	3,900,000	700,000				4,600,000

Funding Sources	2019	2020	2021	2022	2023	Total
Bassett Creek Watershed Mgmt Comm	1,100,000	500,000				1,600,000
Hennepin County	500,000	170,000				670,000
MN DNR	2,300,000					2,300,000
Storm Water Utility Fund (7300)		30,000				30,000
Total	3,900,000	700,000				4,600,000

Project # SS-49
 Project Name Medley Park Stormwater Treatment Facility

Department Storm Water
 Contact
 Type Improvement
 Useful Life
 Category Storm Sewer

Description

Construction of a water quality treatment pond or similar facility to help remove sediment and nutrient loads within the Medicine Lake sub-watershed of the Bassett Creek watershed.

Justification

The Bassett Creek Watershed Management Commission Capital Improvement Program includes the construction of this project and provides funding to maximize the rate control and water quality within this area of the watershed. Medicine Lake is impaired for the nutrients (phosphorus) and this project will help to meet water quality goals for the lake.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements				220,000	330,000	550,000
Total				220,000	330,000	550,000

Funding Sources	2019	2020	2021	2022	2023	Total
Bassett Creek Watershed Mgmt Comm				200,000	300,000	500,000
Storm Water Utility Fund (7300)				20,000	30,000	50,000
Total				220,000	330,000	550,000

Project # **SS-54**
 Project Name **Decola Pond F Diversion**

Department Storm Water
 Contact
 Type Improvement
 Useful Life
 Category Storm Sewer

Description

Construction of flood storage ponds and storm sewer pipes to divert stormwater and lower the depth of flooding in the DeCola Ponds area. BCWMO has an additional \$1,000,000 programmed for 2023. MnDNR flood damage reduction grant funding to contribute \$2,780,000 in 2023.

Justification

The Medicine Lake Road and Winnetka Avenue Area Flood Mitigation Study identified several projects that are needed to reduce the effect of repeat flooding on the roadway and adjacent properties. Projects will reduce the depth of flooding on the roadway and will lower flood elevations to help protect structures from flood damage. The Bassett Creek Watershed Management Commission Capital Improvement Program includes construction of this project

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements			1,600,000	620,000	3,480,000	5,700,000
Total			1,600,000	620,000	3,480,000	5,700,000

Funding Sources	2019	2020	2021	2022	2023	Total
Bassett Creek Watershed Mgmt Comm				300,000	1,000,000	1,300,000
MN DNR			1,000,000		1,780,000	2,780,000
Storm Water Utility Fund (7300)			600,000	320,000	700,000	1,620,000
Total			1,600,000	620,000	3,480,000	5,700,000

Project # **SS-58**
 Project Name **Janalyn Pond Lift Station**

Department Storm Water
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Construction of storm sewer lift station to more efficiently manage stormwater to reduce the risk of flooding adjacent structures.

Justification

Janalyn pond is a land locked basin that requires frequent manual pumping to avoid flooding adjacent structures. An automated lift station would increase operational efficiency and reduce the risk of flooding.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	125,000					125,000
Total	125,000					125,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)	125,000					125,000
Total	125,000					125,000

Project # **SS-59**
 Project Name **Sidewalk Sweeper**

Department Storm Water
 Contact
 Type Equipment
 Useful Life
 Category Storm Sewer

Description

Sidewalk sweeper to replace Unit #698 (2012 Gravely sweeper) to pick up and remove bulk material and prevent it from entering the stormwater system.

Justification

Increased repair and maintenance expenditures on Unit #698 which will be ten years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings				20,000		20,000
Total				20,000		20,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)				20,000		20,000
Total				20,000		20,000

Project # **SS-60**
 Project Name **Bassett Creek Regional Trail-Storm Sewer Repairs**

Department Storm Water
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Construction and repair of storm sewer drainage system in conjunction with Bassett Creek Regional Trail.

Justification

To provide and improve storm water drainage system in conjunction with construction of the Bassett Creek Regional Trail.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance		50,000				50,000
Total		50,000				50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Storm Water Utility Fund (7300)		50,000				50,000
Total		50,000				50,000



Capital Improvement Program 2019-2023

Water and Sanitary Sewer Utility Section

A five-year projection of the Water and Sanitary Sewer Fund reveals some potential financial challenges the City may have to address. The contract pricing with the City of Minneapolis and Golden Valley-Crystal-New Hope Joint Water Commission was renewed in 2013. The Metropolitan Council Environmental Services (MCES) surcharge program related to inflow and infiltration will have a direct affect on rates as it requires the City to make improvements to the sanitary system that will reduce the rate of inflow and infiltration into the system.

Fees from the City's utility bill are the main source of revenue.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Water & Sewer Systems							
Sanitary Sewer & Water Line Repair/Recon.	W&SS-001	1,400,000	1,200,000	1,200,000	1,200,000	1,200,000	6,200,000
Hook Dump Truck	W&SS-004		80,000				80,000
Pickup Truck	W&SS-011		40,000				40,000
Pickup Truck	W&SS-014					100,000	100,000
Pickup Truck	W&SS-015				75,000		75,000
Mill and Overlay Water/Sewer Repairs	W&SS-051	150,000	150,000	150,000	150,000	150,000	750,000
Televising and Electroscan Equipment	W&SS-053	150,000					150,000
Radio Meter Reading System	W&SS-063	700,000	100,000				800,000
Valve Replacement/Watermain Lining	W&SS-066				100,000	100,000	200,000
Tractor Loader Backhoe	W&SS-070		160,000				160,000
I-394 Inflow/Infiltration Project	W&SS-074	250,000		250,000		250,000	750,000
Sewer Flow Meters	W&SS-076		35,000		35,000		70,000
Winnetka Ave Utility Rehabilitation	W&SS-077			550,000			550,000
Sanitary Sewer Lining I/I Reduction	W&SS-078				100,000	100,000	200,000
800 MHz Radios	W&SS-081	40,000					40,000
T.H. 55 Lift Station Relocation	W&SS-083				500,000		500,000
Trenchless Request for Information	W&SS-086					50,000	50,000
Complete Water Meter Replacement	W&SS-087			100,000	100,000	100,000	300,000
Water & Sewer Systems Total		2,690,000	1,765,000	2,250,000	2,260,000	2,050,000	11,015,000
Hennepin County Environment Response Fund					300,000		300,000
Water & Sewer Utility - Reserve				100,000	100,000	100,000	300,000
Water & Sewer Utility Fund		2,690,000	1,765,000	2,150,000	1,860,000	1,950,000	10,415,000
Water & Sewer Systems Total		2,690,000	1,765,000	2,250,000	2,260,000	2,050,000	11,015,000
Grand Total		2,690,000	1,765,000	2,250,000	2,260,000	2,050,000	11,015,000

Project # **W&SS-001**
 Project Name **Sanitary Sewer & Water Line Repair/Recon.**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Water and Sewer

Description

Major repairs and reconstruction on the City's sanitary sewer and water systems as needed. Repairs will be done in conjunction with the City's Pavement Management Program (See S #1).

Justification

To maintain City's water mains and sanitary sewer mains.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	1,400,000	1,200,000	1,200,000	1,200,000	1,200,000	6,200,000
Total	1,400,000	1,200,000	1,200,000	1,200,000	1,200,000	6,200,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund	1,400,000	1,200,000	1,200,000	1,200,000	1,200,000	6,200,000
Total	1,400,000	1,200,000	1,200,000	1,200,000	1,200,000	6,200,000

Project # **W&SS-004**
 Project Name **Hook Dump Truck**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Water and Sewer

Description

Utility truck to replace Unit #690, a 2010 F550 Hook dump truck.

Justification

Increased repair and maintenance expenditures on Unit #691, which will be ten years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		80,000				80,000
Total		80,000				80,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund		80,000				80,000
Total		80,000				80,000

Project # **W&SS-011**
 Project Name **Pickup Truck**

Department **Water & Sewer Systems**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Water and Sewer**

Description

Pickup truck to replace Unit #688, a 2010 F150 pickup truck.

Justification

Increased repair and maintenance expenditures on Unit 688, which will be ten(10) years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		40,000				40,000
Total		40,000				40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund		40,000				40,000
Total		40,000				40,000

Project # **W&SS-014**
 Project Name **Pickup Truck**

Department **Water & Sewer Systems**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Water and Sewer**

Description

Pickup/Utility truck for the Utility Department to replace Unit 604 a 2013 Ford F-550 4X4 with crane.

Justification

Increased repair and maintenance expenditures on Unit 604, which will be nine years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings					100,000	100,000
Total					100,000	100,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund					100,000	100,000
Total					100,000	100,000

Project # **W&SS-053**
 Project Name **Televising and Electroscan Equipment**

Department Water & Sewer Systems
 Contact
 Type Equipment
 Useful Life
 Category Water and Sewer

Description

Sewer televising mainline computer and electronic equipment purchased with the televising truck will be five years old. The televising equipment will be replaced along with new Electroscan equipment.

Justification

Update computer and electronic equipment that will televise and incorporate electroscan into the upgraded televising equipment. Enhanced sanitary sewer inspection to identify, quantify and prioritize defects in the sanitary sewer system.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	150,000					150,000
Total	150,000					150,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund	150,000					150,000
Total	150,000					150,000

Project # **W&SS-063**
 Project Name **Radio Meter Reading System**

Department Water & Sewer Systems
 Contact
 Type Equipment
 Useful Life
 Category Water and Sewer

Description

Fixed base radio metering reading system for utility billing..

Justification

Existing FCC radio frequency utilized for reading city water meters has been banned by the FCC and city is forced to comply with the rule changes.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	700,000	100,000				800,000
Total	700,000	100,000				800,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund	700,000	100,000				800,000
Total	700,000	100,000				800,000

Project # **W&SS-066**
 Project Name **Valve Replacement/Watermain Lining**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Watermain valve replacement and strategic watermain lining associated with future overlay project.

Justification

Includes the cost to replace leaking water valves and line minor portions of the public watermain in conjunction with the future overlay program.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance				100,000	100,000	200,000
Total				100,000	100,000	200,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund				100,000	100,000	200,000
Total				100,000	100,000	200,000

Project # **W&SS-070**
 Project Name **Tractor Loader Backhoe**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Tractor loader backhoe to replace Unit 675, a 2004 Cat tractor loader backhoe.

Justification

Increased repair and maintenance expenditures on Unit 675, which will be 14 years old.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		160,000				160,000
Total		160,000				160,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund		160,000				160,000
Total		160,000				160,000

Project # **W&SS-074**
 Project Name **I-394 Inflow/Infiltration Project**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Reduce inflow/infiltration in the I-394 sewer shed district.

Justification

The sanitary sewer in the I-394 sewer shed is currently near capacity following large storm events. The reduction of I/I in the sewer shed is necessary in order to continue to allow future redevelopment of the corridor.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	250,000		250,000		250,000	750,000
Total	250,000		250,000		250,000	750,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund	250,000		250,000		250,000	750,000
Total	250,000		250,000		250,000	750,000

Project # **W&SS-076**
 Project Name **Sewer Flow Meters**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Portable sewer flow meters for monitoring inflow and infiltration in sanitary sewer system.

Justification

Replace older portable sewer flow meters to accurately monitor sewer flows.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings		35,000		35,000		70,000
Total		35,000		35,000		70,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund		35,000		35,000		70,000
Total		35,000		35,000		70,000

Project # **W&SS-077**
 Project Name **Winnetka Ave Utility Rehabilitation**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Replacement and Rehabilitation of all sanitary sewer and watermain along Winnetka Avenue between Golden Valley Road and Medicine Lake Road.

Justification

Watermain and Sanitary sewer along Winnetka Avenue should be rehabilitated/replaced in conjunction with the future CenterPoint Energy Beltline Replacement.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance			550,000			550,000
Total			550,000			550,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund			550,000			550,000
Total			550,000			550,000

Project # **W&SS-078**
 Project Name **Sanitary Sewer Lining I/I Reduction**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Lining of Sanitary Sewer Mains outside of the PMP project area.

Justification

The City's aging sanitary sewer infrastructure requires maintenance and repair. As part of the maintenance and repair is the lining of sanitary sewer mains. The goal is to maintain the sanitary sewer to reduce I/I and to avoid an additional surcharge/demand charge from MCES, by investing in the sanitary sewer system to reduce I/I. The proposed budget is for lining approximately 2,600 feet of sanitary sewer main annually.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance				100,000	100,000	200,000
Total				100,000	100,000	200,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund				100,000	100,000	200,000
Total				100,000	100,000	200,000

Project # **W&SS-081**
 Project Name **800 MHz Radios**

Department Water & Sewer Systems
 Contact
 Type Equipment
 Useful Life
 Category Water and Sewer

Description

8-800 MHz portable radios and accessories to be purchased in 2019.

Justification

Replace current radios purchased in 2008. Hennepin County will no longer support the current 800 Mhz radios past December 31, 2019. New radios P25 Phase II modulation compliant.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings	40,000					40,000
Total	40,000					40,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund	40,000					40,000
Total	40,000					40,000

Project # **W&SS-083**
 Project Name **T.H. 55 Lift Station Relocation**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Relocate T.H. 55 sanitary sewer lift station structure.

Justification

Design and construction to relocate T.H. 55 lift station to remove the lift station from the flood plain.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance				500,000		500,000
Total				500,000		500,000

Funding Sources	2019	2020	2021	2022	2023	Total
Hennepin County Environment Response Fund				300,000		300,000
Water & Sewer Utility Fund				200,000		200,000
Total				500,000		500,000

Project # **W&SS-086**
 Project Name **Trenchless Request for Information**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Conduct a Request for Information on trenchless technologies.

Justification

A trenchless technologies Request for Information should be conducted so staff has the newest facts before decisions are made pertaining to the Infrastructure Renewal Plan.

Expenditures	2019	2020	2021	2022	2023	Total
Planning/Design					50,000	50,000
Total					50,000	50,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility Fund					50,000	50,000
Total					50,000	50,000

Project # **W&SS-087**
 Project Name **Complete Water Meter Replacement**

Department Water & Sewer Systems
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Replacement of the entire water meter (water meter body, meter, and transmitter) throughout the whole City beginning in 2030.

Justification

The average expected water meter life is twenty years. The existing meters will be thirty years old by 2030. Water meters begin to underestimate water usage as they age resulting inaccurate water and sewer usage and inaccurate billing.

Expenditures	2019	2020	2021	2022	2023	Total
Equip/Vehicles/Furnishings			100,000	100,000	100,000	300,000
Total			100,000	100,000	100,000	300,000

Funding Sources	2019	2020	2021	2022	2023	Total
Water & Sewer Utility - Reserve			100,000	100,000	100,000	300,000
Total			100,000	100,000	100,000	300,000



Capital Improvement Program 2019-2023

Streets Section

The City of Golden Valley has over 120 miles of streets. The city is responsible for 90 miles of local streets. Municipal State Aid streets account for the remainder or 30 miles. As streets deteriorate, roads need to be reconstructed or repaired.

The City's Pavement Management Program has outlined all roads to be reconstructed by the year 2023. The bond payments on the debt will go until 2044. This plan has been included in the five year program.

The revenue sources are city-wide street reconstruction debt levy, state aid debt, benefiting property owner assessments and Municipal State Aid Allotments.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Streets							
Pavement Management Program	S-001	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000
Zane Ave.and Lindsay Street	S-009				2,400,000		2,400,000
Pavement Management Overlays	S-013	500,000	500,000	500,000	500,000	500,000	2,500,000
TH 100 Pedestrian Bridge Walk Maintenance	S-014	200,000					200,000
Flashing Yellow Arrows	S-016		45,000		45,000		90,000
Municipal State Aid (MSA) Street Maintenance	S-017	125,000	125,000	125,000	125,000	125,000	625,000
Streetscape and City Hall Complex Renovation	S-018	100,000	100,000	100,000	100,000	100,000	500,000
MSA Debt Service	S-019	201,005	200,165	198,915	197,455	189,000	986,540
Sidewalks, Trails, & Bike Facility Upgrades	S-030	325,000	150,000	150,000	150,000	150,000	925,000
Xenia Avenue and Golden Hills Dr Improvements	S-031	1,350,000					1,350,000
Auto CAD Application	S-032	12,100	12,100	12,100	12,100	12,100	60,500
Cartegraph Street Management Software	S-034	20,000	20,000	20,000	20,000		80,000
Retaining Wall Repairs	S-036	100,000	100,000	100,000	100,000	100,000	500,000
Highway 55 West Redevelopment Project	S-038	63,500	182,310	179,900	182,450	179,950	788,110
Zenith Avenue Reconstruction	S-041				1,500,000		1,500,000
Railroad Crossing Improvements	S-042	250,000					250,000
Pavement Surface Treatments	S-044		100,000				100,000
Streets Total		7,116,605	4,884,575	4,785,915	8,732,005	4,756,050	30,275,150
Capital Improvement Fund (6100)		907,100	482,100	382,100	382,100	362,100	2,515,500
City of Crystal		100,000					100,000
Municipal State Aid (MSA - 5100)		1,094,005	370,165	323,915	4,267,455	314,000	6,369,540
Special Assessment Bonds		3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000
Special Assessments		582,000					582,000
Street Improvement Fund		500,000	500,000	500,000	500,000	500,000	2,500,000
Tax Increment		63,500	182,310	179,900	182,450	179,950	788,110
Streets Total		7,116,605	4,884,575	4,785,915	8,732,005	4,756,050	30,275,150
Grand Total		7,116,605	4,884,575	4,785,915	8,732,005	4,756,050	30,275,150

Project # **S-001**
 Project Name **Pavement Management Program**

Department Streets
 Contact
 Type Improvement
 Useful Life
 Category Street Construction

Description

On-going program to manage the City's street system in a long term cost effective manner by reconstructing deficient roadways to City standards.

Justification

Reconstruction of sub-standard roadways to City standards followed by proper and effective maintenance will reduce the long range costs of street maintenance.
 2018-1.30 miles
 2019-1.56 miles
 2020-1.27 miles
 2021-1.33 miles
 2022-1.25 miles
 2023-1.22 miles

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000
Total	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000

Funding Sources	2019	2020	2021	2022	2023	Total
Special Assessment Bonds	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000
Total	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000

Project # **S-009**
 Project Name **Zane Ave.and Lindsay Street**

Department Streets
 Contact
 Type Unassigned
 Useful Life
 Category Street Reconstruction

Description

Reconstruction of Zane Avenue and Lindsay Street to Municipal State Aid standards.

Justification

Upgrade deficient roadways to current MSA standards.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance				2,400,000		2,400,000
Total				2,400,000		2,400,000

Funding Sources	2019	2020	2021	2022	2023	Total
Municipal State Aid (MSA - 5100)				2,400,000		2,400,000
Total				2,400,000		2,400,000

Project # **S-013**
 Project Name **Pavement Management Overlays**

Department **Streets**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Street Construction**

Description

Pavement overlays for streets constructed to City standards to maximize the lifespan in a long term cost effective manner.

Future projects determined annually based upon needs.

Justification

Provides high quality street system in a long term cost effective manner in accordance with the Payment Management Policy.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Funding Sources	2019	2020	2021	2022	2023	Total
Street Improvement Fund	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Project # **S-014**
 Project Name **TH 100 Pedestrian Bridge Walk Maintenance**

Department **Streets**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Street Construction**

Description

Replace approach sidewalk on the Golden Valley side of the Trunk Highway 100 Pedestrian Bridge and repaint/seal hand railings on entire bridge.

Justification

The existing concrete sidewalk on the approach to the TH 100 Pedestrian Bridge has settled and created a large gap between concrete panels, resulting in a hazardous condition for bicyclists using the bridge. Replacement walk will not have a center joint and will be reinforced to minimize settlement. The railings have been subject to repeated graffiti and must be repainted and sealed.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	200,000					200,000
Total	200,000					200,000

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)	100,000					100,000
City of Crystal	100,000					100,000
Total	200,000					200,000

Project # **S-018**
 Project Name **Streetscape and City Hall Complex Renovation**

Department Streets
 Contact
 Type Unassigned
 Useful Life
 Category Street Construction

Description

Comprehensive rehabilitation of the Winnetka Avenue Streetscape and City Hall Complex streetscape, landscape and pedestrian facilities based upon the recommendation in the 2012 Streetscape Asset Management Plan.

Justification

2019-Complex sidewalk replacement between Vehicle Maintenance and Library
 2020-Rehab retaining wall planters
 2021-Rehab bollards
 2022-Rehab trellis posts/columns
 2023-Banners

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Project # **S-019**
 Project Name **MSA Debt Service**

Department Streets
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Debt Service payment on Municipal State Aid Bonds ending in 2027.

Justification

Necessary funding for State Aid roads to construct projects needed for safety.

Expenditures	2019	2020	2021	2022	2023	Total
Other	201,005	200,165	198,915	197,455	189,000	986,540
Total	201,005	200,165	198,915	197,455	189,000	986,540

Funding Sources	2019	2020	2021	2022	2023	Total
Municipal State Aid (MSA - 5100)	201,005	200,165	198,915	197,455	189,000	986,540
Total	201,005	200,165	198,915	197,455	189,000	986,540

Project # S-030
Project Name Sidewalks, Trails, & Bike Facility Upgrades

Department Streets
Contact
Type Unassigned
Useful Life
Category Street Construction

Description

Upgrading the deficient portions of the City's sidewalk and trail systems to current standards including compliance with accessibility standards. This project also includes construction of new sidewalks and trails throughout the City consistent with the Comprehensive Transportation plan.

Justification

Completion of the City's sidewalk and trail system as identified in the Comprehensive Transportation Plan will provide greater mobility for non-motorized transportation within the City that is fully accessible for users of all physical abilities.

Projects include Laurel Ave Sidewalk, Louisiana Avenue to Xenia Avenue, Plymouth Avenue bituminous trail removal and sidewalk construction, Golden Valley Road Sidewalk extension on south side from Rhode Island to Luce Line, ADA Improvements: Duluth St, Lilac Dr, St Croix Av

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	325,000	150,000	150,000	150,000	150,000	925,000
Total	325,000	150,000	150,000	150,000	150,000	925,000

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)	325,000	150,000	150,000	150,000	150,000	925,000
Total	325,000	150,000	150,000	150,000	150,000	925,000

Project # S-031
Project Name Xenia Avenue and Golden Hills Dr Improvements

Department Streets
Contact
Type Improvement
Useful Life
Category Street Reconstruction

Description

Modification to streets, traffic signals and pedestrian system at and near the intersection of Xenia Avenue and Golden Hills Drive.

Justification

Modification to the traffic signals, street system and pedestrian system in the vicinity of Golden Hills Drive and Xenia Avenue to accommodate redevelopment in the area. The proposed improvements include the railroad crossing improvements, installation of sidewalk on the north side of Golden Hills Drive between the railroad tracks and Colorado Avenue, completing the sidewalk on the south side of Golden Hills Drive at the railroad crossing and a pavement overlay of portions of Xenia Avenue, Laurel Avenue and Golden Hills Drive. This project was planned for fall of 2018.

Expenditures	2019	2020	2021	2022	2023	Total
Infrastructure Improvements	1,350,000					1,350,000
Total	1,350,000					1,350,000

Funding Sources	2019	2020	2021	2022	2023	Total
Municipal State Aid (MSA - 5100)	768,000					768,000
Special Assessments	582,000					582,000
Total	1,350,000					1,350,000

Project # **S-032**
 Project Name **Auto CAD Application**

Department **Streets**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Unassigned**

Description

AutoCAD is a CAD design, drafting, modeling, architectural drawing, and engineering software that helps with design and as-built drawings of infrastructure.

Justification

This software is the maintenance and upgrades for software to manage our street and utility systems.

Expenditures	2019	2020	2021	2022	2023	Total
Other	12,100	12,100	12,100	12,100	12,100	60,500
Total	12,100	12,100	12,100	12,100	12,100	60,500

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)	12,100	12,100	12,100	12,100	12,100	60,500
Total	12,100	12,100	12,100	12,100	12,100	60,500

Project # **S-034**
 Project Name **Cartegraph Street Management Software**

Department **Streets**
 Contact
 Type **Unassigned**
 Useful Life
 Category **Unassigned**

Description

Implementation of Cartegraph Asset Management software applications to manage public utilities, roadways, bridges, sidealks, trails and utilities.

In 2017, a new version was purchased.

Justification

Infrastructure management software to maintain data on all spbuc infrastructure including capiital and maintenance costs. In 2018, software update and hardware are included. Future applications include bridges, sidewalks and trails, call tracking, and others.

Expenditures	2019	2020	2021	2022	2023	Total
Other	20,000	20,000	20,000	20,000		80,000
Total	20,000	20,000	20,000	20,000		80,000

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)	20,000	20,000	20,000	20,000		80,000
Total	20,000	20,000	20,000	20,000		80,000

Project # **S-036**
 Project Name **Retaining Wall Repairs**

Department **Streets**
 Contact
 Type **Maintenance**
 Useful Life
 Category **Unassigned**

Description

Repair and replacement of retaining walls and other assets within the city right-of-way.

Justification

Retaining walls need to be repaired within the city right-of way.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)	100,000	100,000	100,000	100,000	100,000	500,000
Total	100,000	100,000	100,000	100,000	100,000	500,000

Project # **S-038**
 Project Name **Highway 55 West Redevelopment Project**

Department **Streets**
 Contact
 Type **Improvement**
 Useful Life
 Category **Street Construction**

Description

Rehabilitation and realignment of Golden Valley Road and Decatur Avenue, installation of pedestrian amenities and burial of overhead utilities.

Justification

Due to a development project in the vicinity of this intersection and establishment of a Tax Increment District, infrastructure upgrades are proposed on Golden Valley Road, Decatur Avenue, and 7th Avenue. New development will bring increased traffic and pedestrians to the area. The project aims to maintain safety and establish an aesthetic and pedestrian friendly corridor.

Expenditures	2019	2020	2021	2022	2023	Total
Debt Service Payments	63,500	182,310	179,900	182,450	179,950	788,110
Total	63,500	182,310	179,900	182,450	179,950	788,110

Funding Sources	2019	2020	2021	2022	2023	Total
Tax Increment	63,500	182,310	179,900	182,450	179,950	788,110
Total	63,500	182,310	179,900	182,450	179,950	788,110

Project # **S-041**
 Project Name **Zenith Avenue Reconstruction**

Department Streets
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Reconstruct Zenith Avenue to State Aid standards along Theo Wirth Parkway to 36th..

Justification

The road is in need of repair and will complete construction on the State Aid road system in Golden Valley.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance				1,500,000		1,500,000
Total				1,500,000		1,500,000

Funding Sources	2019	2020	2021	2022	2023	Total
Municipal State Aid (MSA - 5100)				1,500,000		1,500,000
Total				1,500,000		1,500,000

Project # **S-042**
 Project Name **Railroad Crossing Improvements**

Department Streets
 Contact
 Type Unassigned
 Useful Life
 Category Unassigned

Description

Replacement of railroad crossing pads at intersections with City streets.

Justification

This project aims to replace failed railroad crossing pads at the intersections of 10th Avenue and Union Pacific Railroad as well as Mendelssohn Avenue and Union Pacific Railroad.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance	250,000					250,000
Total	250,000					250,000

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)	250,000					250,000
Total	250,000					250,000

Project # **S-044**
Project Name **Pavement Surface Treatments**

Department **Streets**
Contact
Type **Unassigned**
Useful Life
Category **Street Construction**

Description

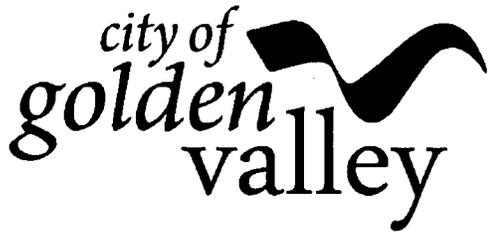
Pavement surface treatments to streets to extend the life of the pavement.

Justification

Noble Avenue and Winnetka Avenue were both reconstructed approximately 15 years ago and have not received any treatments. The pavement is reaching the point where the appropriate treatment will significantly extend its service life.

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Maintenance		100,000				100,000
Total		100,000				100,000

Funding Sources	2019	2020	2021	2022	2023	Total
Capital Improvement Fund (6100)		100,000				100,000
Total		100,000				100,000



Capital Improvement Program 2019-2023

Appendix Section

Exhibit A

Special Assessment Policy for The City of Golden Valley January 17, 1995

Amended February 21, 1995

Amended June 7, 2005

Amended July 18, 2006

Amended January 20, 2009

General

Minnesota State Law, Chapters 429.010 to 429.11, provides municipalities the ability to make public improvements such as installation of sanitary sewer, water, storm sewer, sidewalks, and street improvements (including grading, curb and gutter, surfacing, and lighting). The procedures that Cities must follow, including reports, notices, and public hearings, are well defined within the laws.

The Statute allows municipalities to assess all or portions of the costs of any improvements to property owners based on the benefits received from the project. The Statute is not specific regarding the determination of benefits to a property, or how to apportion the costs to the benefiting properties. Rather, the law makes the municipality responsible for developing an equitable method of cost sharing among the benefiting property owners.

The purpose of this special assessment policy is to provide a guide, to be used by City Staff, for preparing assessment rolls for approval by the City Council. This policy is meant to assure uniform and consistent treatment to all properties within the City as improvements occur.

The special assessment policy will not cover all possible assessment situations. Special cases and variations of standard cases that are not specifically discussed under this policy will be evaluated during preliminary project studies, and assessments will be determined that do not violate the benefit principles as required by Statute.

No special assessments will be levied against designated floodplains, municipal storm water ponds or wetland areas on private property as determined by criteria in the Wetland Conservation Act of 1991 and the Minnesota Department of Natural Resources. The limits of wetlands will be determined by the City on a case-by-case basis at the time of preliminary project design and feasibility report preparation.

No special assessments will be levied against railroad, county highway or state highway rights-of-way. Properties fronting County Roads and County Highways will be subject to special assessments for reconstruction projects based upon this policy.

Special assessments levied by the City will include an administrative fee, to be established annually by ordinance, to finance indirect costs associated with the assessment that are incurred by the City.

Sanitary Sewer and Water Main Assessments

Reconstruction and Repairs

No special assessments will be levied for repair and reconstruction of existing sanitary sewer and water main systems, except for properties that have not been previously assessed for these utilities.

For properties not previously assessed that are adjacent to sanitary sewer or water main reconstruction projects, the amount of special assessments will be calculated on a case-by-case basis at the time of preliminary design and feasibility report preparation.

Property owners are responsible for maintenance, repair and replacement of sanitary sewer services from, and including the connection to the main, and the building being served. Pavement Management street reconstruction projects will include an opportunity for property owners to reconstruct or repair their sanitary sewer services. All costs, including construction, administration and other indirect costs, will be specially assessed to the property being served by the sanitary sewer service.

The City is responsible for maintenance, repair and replacement of water services from the connection to the water main up to and including the curb stop or valve on the service line. The property owner is responsible for maintenance, repair and replacement of the water service from the connection of the service pipe to the valve or curb stop, to the building being served.

New Construction

In instances where property is developing or redeveloping, public sanitary sewer and water main may need to be installed. The construction of City sanitary sewer, water mains and storm sewer to serve these properties will be constructed as public improvement projects, unless the City opts to have the developer design and construct the improvements. The developer of such properties will be responsible for the entire cost of public utilities, including construction, administration and other indirect costs, whether construction is performed as a City Improvement Project or by the developer.

At the time such a development project is proposed, the Public Works Department will determine if the project is to be constructed publicly or privately. If the utility installation is to be constructed privately, the developer will be responsible for preparing construction plans and specifications consistent with City standards. These construction plans and specifications must be reviewed and approved by the Public Works Department. The utility installation must also be inspected by the Public Works Department during construction. The developer will be responsible for 100% of the costs of City construction observation and plan review, which will be billed directly to the developer. Any

unpaid costs incurred for these services will be assessed against the developing properties. An irrevocable letter of credit must be posted by the developer in an amount equal to 150% of the estimated construction costs to ensure timely completion of the project.

If a public sanitary sewer or water main project is to be installed as a City Improvement Project, the developer will be responsible for 100% of the direct and indirect costs incurred by the City. These costs may include, but are not limited to: feasibility report preparation, preliminary survey, preliminary design, final design, construction staking, construction observation, as-built surveying and drafting, and administrative and legal costs. The developer may elect to have these costs assessed against the property being developed or pay the costs directly to the City.

Storm Water Drainage

Street Storm Sewer

No special assessments will be levied for construction or reconstruction of storm sewer systems within the City right-of-way as part of the Pavement Management Program. However, in instances where storm sewer construction is incorporated into Pavement Management Projects to resolve rear yard drainage issues, as discussed in this policy, the costs associated with these improvements will be specially assessed to the benefiting property owners.

In instances where storm sewer installation is required for development and redevelopment projects, it shall be specially assessed to the property being developed according to the Sanitary Sewer and Water Main Assessments section of this policy.

Rear Yard Storm Sewer

In certain instances, storm sewer is necessary in rear yard areas to correct existing drainage problems. City staff will visit such problem areas at the request of a homeowner to evaluate the situation and provide engineering assistance to encourage property owners to remedy the drainage problems without City involvement.

If a property owner or owners cannot remedy the rear yard drainage problems, they may petition the City for installation of storm sewer. Upon receiving a request for petition for rear yard storm sewer, engineering staff will determine the properties that contribute storm water runoff to the problem area. The petitioner must then circulate the petition to the contributing property owners for signatures. Each contributing property owner must be made aware that special assessments will be levied against their property for the corrective storm sewer work. A minimum of 35% of the contributing property owners must sign the petition for the City Council to consider the project. Upon receipt of the petition and after a public hearing, the City Council may either deny the request or order the storm sewer improvements. If the improvements are ordered, the contributing property owners will be assessed for 100% of the construction and indirect costs for the

storm sewer installation. The method of assessment and the pro-ration of costs will be determined on a project-specific basis.

Affected property owners in rear yard drainage projects will also be required to dedicate all drainage and utility easements for the installation of the storm sewer at no cost to the City. If the City must purchase or condemn in order to obtain the easements, the entire acquisition costs will be included in the project costs for assessment or the City may decline to undertake the project.

Street Improvements

Development/Redevelopment Projects

When property is developed or redeveloped that has street frontage on roadways that are scheduled for construction or reconstruction, the development will be required to pay an escrow for the future street rehabilitation. The escrow shall be based upon the assessment methods and land uses contained in this policy, and shall be based on the assessment rates in effect at the time the development is approved. The property or properties within the development will not be specially assessed at the time street rehabilitation occurs.

Sidewalks

No special assessments will be levied for sidewalk construction that is in accordance with the goals and recommendations of the City of Golden Valley Sidewalk Committee. Requests for sidewalks that are not on the current Sidewalk and Trail Plan will be forwarded to the Sidewalk Committee for consideration. The Sidewalk Committee will forward its recommendations for the requested sidewalks to the City Council, which will determine if the proposal should be included in the Sidewalk Plan.

Street Lighting

Street lighting is available to the residents of Golden Valley on a petition basis according to the Street Lighting Policy.

New Street Construction

As property within the City develops or redevelops, it may be necessary to install public streets. The Public Works Department will determine if the project is to be installed publicly or privately. The procedures, policies, and requirements for street construction will be the same as discussed for new sanitary sewer installations.

Sealcoating

No special assessments will be levied for street sealcoating.

Bituminous Milling and Overlays

No special assessments will be levied for bituminous milling and overlays.

Street Reconstruction

Special assessments for street reconstruction projects will be in accordance with this policy and Minnesota Statutes, Chapter 429. The total amount of the special assessments will be a minimum of 20% of the street reconstruction costs not to exceed the benefit received by each property. Special assessment rates for all land uses and street classifications will be determined annually by ordinance.

Local Streets

1. Properties with residential and duplex residential land use, parks and other City-owned properties subject to reconstruction will be assessed on a per-unit basis, with one unit assessed to each property unless the property has the potential to be further subdivided into two or more lots that each meets City subdivision ordinance requirements. Such lots that may be so subdivided shall be assessed for the number of units that equals the number of such lots that the property may be subdivided into. However, residential properties that are subject to multiple unit assessments will have all but one of such unit assessments deferred at the time of the initial assessment. Such deferral will be made each year until such time as the property is subdivided. At that time, the deferred unit assessments shall be due.
2. Special assessments against properties with Multiple Dwelling land use will be on a front-foot basis, with 100% of the frontage being improved subject to assessment.
3. Properties with church, school and other tax exempt land uses will be assessed on a front-foot basis, with 100% of the frontage being improved subject to assessment.
4. All other land uses, including commercial, industrial, business and offices will be assessed on a front-foot basis, with 100% of the frontage being improved subject to assessment.
5. Residential properties adjacent to local streets being reconstructed may participate in voluntary programs to have their driveways reconstructed and sanitary sewer service repaired or reconstructed at contract unit prices. Residents will be notified of these programs at informational meetings for each street project. If a resident participates in these programs, staff will coordinate construction with the contractor and will measure the quantities installed. The construction costs, along with an administrative fee, established annually by ordinance, will be assessed to the property owner.
6. When a corner residential lot has frontage on two local streets, it will be assessed for one-half unit assessment for each street subject to reconstruction. No more than one total unit assessment will be charged against a parcel for street reconstruction. Corner properties adjacent to State Aid and local streets will be charged one-half of the appropriate unit assessment at the time of reconstruction of each street.

7. Corner residential properties adjacent to a local street and a state or county roadway will not be subject to special assessments by the City for state highway or county road reconstruction. However, these properties will be assessed the appropriate number of unit assessments for the entire frontage along the local streets when reconstruction occurs on the local street.
8. Residential properties adjacent to frontage roads of state highways will be considered to be on local or Municipal State Aid streets and will be assessed consistent with this policy.
9. Special Assessments for properties not specifically covered in any of the above cases will be addressed on a parcel-specific basis at the time of the feasibility report.

State Aid Streets

1. Properties with residential and duplex residential land uses that have frontage on a Municipal State Aid Street will be assessed on a per-unit basis. The per-unit assessment rate will be approximately 25% of the standard residential rate for properties on local streets. Assessments for oversized parcels with the potential for subdivision are to be consistent with the previously discussed policy for local streets.
2. Properties with Multiple Dwelling land use that front on a Municipal State Aid Street will be assessed on a front-foot basis for the frontage being improved.

Properties with church, school, and other tax-exempt land uses that front on a Municipal State Aid Street will be assessed on a front-foot basis for the frontage being improved.

All other land uses, including commercial, industrial, business and offices that front on a Municipal State Aid Street will be assessed on a front-foot basis for the frontage being improved.

3. Special assessments for properties not specifically covered in any of the above cases will be addressed on a parcel-specific basis at the time of the feasibility report.
4. Residential properties adjacent to State Aid streets being reconstructed will be given the option of having their driveways and sanitary sewer services repaired or reconstructed under the same terms discussed in the local street reconstruction portion of this policy.

County Roads

1. Properties with residential and duplex residential land uses adjacent to county roads will be assessed according to the previously discussed methods for local streets, except for corner lots with local streets, which will be assessed in full at the time the intersecting local street is reconstructed. Special assessments to residential properties will be at State Aid street rates.

2. All other land uses, including commercial, industrial, business, and tax-exempt uses will be assessed on a front-foot basis, with 100% of the frontage being improved subject to assessment. The assessment rate shall be the rates used for State Aid streets as established by ordinance.

Low Income Senior Citizen and Disability Deferments

As required by Minnesota Statute, the City has a special assessment deferral policy for low income senior citizens and disabled persons meeting all of the following criteria:

1. The property upon which the assessment is deferred must be homesteaded;
2. The property is owned by a person at least 65 years of age on January 1st of the year in which payment of the first installment of the subject assessment is due; or is owned by a person who is retired due to permanent and total disability.
3. The applicant must have a "financial hardship" defined as:
 - a) An annual income at or below a level established annually by ordinance and;
 - b) The aggregate total of all special assessments levies will exceed one and one-half percent (1-1/2%) of the applicant's annual income.

More information is available at General Services Office (763.593.8020).

Street Reconstruction Special Assessment Rates

Special assessment rates as discussed in this policy will be established yearly with the Annual Fee Resolution. The rates will be based on the percentages of construction and indirect costs as discussed above. Indirect costs are estimated to be 30% of the construction costs and include administration, engineering, construction observation, and legal fees. These rates will be subject to revision each year based on the actual construction costs in the City from the previous year and for inflation based upon the ENR Index for construction costs.



**Fleet Operation,
Maintenance, and
Replacement Policy**

Message from the Manager

Motor vehicles and equipment are vital to day-to-day operations and service delivery activities of the City of Golden Valley. The Public Works Department Vehicle Maintenance Division is responsible for the stewardship of the City's fleet and equipment assets and for meeting the fleet and equipment service requirements of City departments. The division also develops fleet and equipment utilization and replacement policies and schedules. The Vehicle Maintenance Division is an internal service division of the Public Works Department of which the costs are allocated to the other City departments for services provided.

The main goal of the Public Works Department Vehicle Maintenance Division is to provide vehicles that are dependable, flexible, efficient, and responsive so that City departments and divisions can operate in a cost-effective manner, minimizing the City's vehicle equipment budget. The division is also committed to maintaining the City's fleet and equipment so that the equipment is readily available for performing City operations and keeping downtime to a minimum. The Public Works staff works with all departments to embrace a philosophy which emphasizes the value of the importance of vehicle and equipment availability, safety, reliability, and efficiency as well as preserving the City of Golden Valley's major capital investment in fleet and equipment.

The City has established a capital replacement schedule to replace aging vehicle and equipment. The vehicle and equipment replacement schedule, in conjunction with the 5-year Capital Improvement Program (CIP) and operating budgets, is used to plan any major capital investment (the CIP reflects only those investments that exceed \$10,000). New equipment or other items, which are not part of a replacement schedule, are funded annually out of the originating or requesting department's operating budget.

Approved February 2010

Purpose

The purpose of this policy is to assign responsibility to the City of Golden Valley's Public Works Department Vehicle Maintenance Division for the operation, maintenance, acquisition, and replacement of vehicles and equipment owned and operated by the City, with the exception of vehicles and equipment used by Brookview Golf Course, which are acquired, operated, maintained, and replaced by Golf Maintenance.

Policy

This policy is intended to ensure the availability of funds for the operation, maintenance, acquisition, and replacement of fleet and equipment. Adherence to this policy will provide effective and efficient fleet and equipment services for operating departments/divisions to provide the best services for the residents and businesses of Golden Valley. This policy establishes a sound business approach associated with the evaluation of vehicle and equipment cost and capabilities, purchasing and funding methodology, and making decisions on acquisition and replacement considering the level of usage and demonstrated needs. Departments are asked to review vehicle and equipment needs with a goal of increasing fuel efficiency, consideration of alternative and/or flexible fuels, reducing the number of vehicles, conversion of the diesel vehicle and equipment to bio-diesel, and promoting the anti-idling policy.

1. Vehicle and Equipment Replacement

A vehicle and equipment replacement schedule is maintained by the Public Works Department Vehicle Maintenance Division and Finance Department. Replacement of vehicle and equipment will generally follow the attached Equipment and Vehicle Replacement Guidelines and are summarized as follows and listed as Attachment A:

- a. Description
- b. Unit number
- c. Classification
- d. Year purchased
- e. Purchase price
- f. Expected service life
- g. Projected replacement cost
- h. Annual fuel, maintenance, and overhead costs by vehicle classification

2. Vehicle and Equipment Maintenance

Vehicle and equipment preventative maintenance schedules are maintained by the Public Works Department Vehicle Maintenance Division with the goal of keeping vehicles and equipment available 95% of the demand time.

- a. Generally, maintenance standards and procedures are as recommended by the vehicle/equipment manufacturer or other recognized authority, or utilizing the Public Works Department Vehicle Maintenance Division Preventative Maintenance Schedules.
 - i. Daily maintenance inspections are performed by operators and maintenance personnel using the Pre-operation Inspection Form.
 - ii. Scheduled maintenance is performed by the maintenance mechanics considering the above-referenced Preventative Maintenance Schedules.
 - iii. Demand maintenance is generated by user activities and may require outside services. The Service Request Form is used to request demand maintenance.
 - iv. All maintenance done by the operator shall be coordinated with the Vehicle Maintenance Division.
- b. The Public Works Department Vehicle Maintenance Division may remove equipment or vehicles from service based on the Commercial Vehicle Safety Alliance (CVSA) Out-of –Service Criteria (OSC) or other recognized criteria.

3. Vehicle and Equipment Operation

The use of City vehicles or equipment is approved only for matters related to City job responsibilities or for City business. Operation of City vehicles and equipment shall be in accordance with the Employee Handbook, Section 5.0, Subd. 5.25, Vehicle Use, January 1, 2006. Care and cleaning of vehicle and equipment is the responsibility of the user.

The Public Works Department Vehicle Maintenance Division will manage and maintain the central fuel system. This includes fuel system access assignments and records management.

- a. Dedicated department vehicles shall be assigned to departments whose job duties require the immediate availability of a vehicle.
 - i. Dedicated vehicle use shall be subject to the same limitations and conditions as identified in the Vehicle Use Policy.
- b. Shared vehicles should be considered for employees with similar job duties and should be considered in lieu of a dedicated vehicle.

Funding

Vehicle and equipment replacement will be funded through the CIP. The Public Works Department Vehicle Maintenance Division will maintain a current and complete inventory of all vehicles and equipment in coordination with all users and the Finance Department. These inventories will establish all divisions/department vehicle and equipment replacement schedule. All vehicles and equipment maintained by the Vehicle Maintenance Division will be reviewed on an annual basis for replacement. If a department/division has requested replacement or an addition to the fleet, Vehicle Maintenance will make a recommendation on the purchase for the CIP to the City Manager. The CIP will be presented to the City Council for consideration and approval during the budget process.

1. Funding New and Replacement Vehicles and Equipment

Fleet and equipment projected for replacement, or additional vehicles and equipment, will be funded through the CIP process. Upon acquisition, all fleet and equipment purchased shall be included in the vehicle and equipment inventory database. Requests for fleet and equipment replacement will be addressed through the normal budget process.

- a. Fleet and equipment with a value in excess of \$10,000 purchased for the first time must be included in the CIP.
- b. Fleet and equipment with a value less than \$10,000 purchased for the first time does not have to be included in the CIP, but must be included in the operating budget.

2. Funding of Operational Expenses

- a. Fuel Allocation

Fuel is allocated based on usage by each piece of equipment or vehicle and billed monthly to the responsible department. Pricing for fuel is based on average total cost of inventory and an overhead charge, as set by the Finance Department.

3. Reassigned Equipment

- a. Reassigned equipment may be used in lieu of new vehicles/equipment with written approval by the City Manager. Reassignment duration will be as determined annually by the Public Works Department Vehicle Maintenance Division. Reassignments moved within or across departments/divisions will be charged for conversion costs to the receiving department/division by internal service charges. Reassignments with no conversion costs will not be charged.

The Finance Department will be notified of all reassignments for fixed assets and insurance reports.

4. Equivalent Replacement/Upgrades

- a. The CIP fund is structured to replace each vehicle or piece of equipment with an equivalent unit, unless specified/justified, during the budget process.
- b. Cost increases due to upgrades, changes in type of fleet or equipment, addition of options, or other upgrades associated with vehicles scheduled for replacement, shall be highlighted and clearly summarized as an element of the CIP by the department requesting the upgrade or addition in options.

Responsibilities

1. Department Directors shall be responsible for:

- a. Ensuring that all vehicles and equipment for replacement requests are of the appropriate type and have only those items/options that are operationally required.
- b. Submitting requests for replacement with cost estimates to the Finance Department and the Public Works Maintenance Manager prior to the CIP and budget process.

2. The Public Works Department Vehicle Maintenance Division shall be responsible for:

- a. Submitting a 5-year Capital Improvement Program to the Finance Department and City Manager during the budget process.
- b. Reviewing replacement schedule annually with departments during the budget process to ensure all vehicles and equipment are replaced as appropriate.
- c. Establishing the Vehicle and Equipment Replacement Schedule.
- d. Tracking fuel, labor and repair parts annually, and provide this information to Finance and responsible departments.
- e. Identifying the actual historical cost and variations in cost performance based on lifetime-accumulated age and usage of the various vehicle and equipment types (classifications).

3. The Finance Department shall be responsible for:

- a. Completing an analysis and reconciliation of the vehicle replacement CIP on an annual basis.

Purchasing and Disposal

1. Purchasing Procedures

- a. New vehicles and equipment will be purchased by the Public Works Maintenance Manager, as assigned by the Director of Public Works and in accordance with Minnesota Statute 471.345. Acquisitions require the cooperation and assistance of many departments.
- b. When possible, purchases will be made from the State of Minnesota, Hennepin County, or other Joint Purchasing Agreement contracts, as permitted by State Statute. These purchases will also follow the City's purchasing policy.
- c. Details for budgeting will be provided by the Finance Director when providing the overall budget guidelines.

2. Equipment Disposal

- a. Disposal of equipment shall be in accordance with the City's business standard of disposing all vehicles and equipment by auction, trade-in, or other approved methods.
- b. When vehicles and equipment are replaced, there may be reassignment of vehicles or equipment, but there will be no fleet or equipment hold over on the fleet after a replacement is purchased. Adding fleet or equipment to the inventory without City Manager authorization is not permitted.
- c. In order to address the seasonal or short-term needs, fleet or equipment may be retained temporarily for a period not to exceed nine months from the date the replacement fleet or equipment is placed into service.

Request for Vehicles, Equipment, and Service

1. Requesting Vehicles or Equipment

- a. New vehicles or equipment in excess of \$10,000 must be made and approved through the CIP budget process, and have a life of more than three (3) years. The request shall be discussed with the Public Works Maintenance Manager and Vehicle Maintenance Division to avoid duplication of equipment and to discuss the appropriate type and size of vehicle or equipment requested.

- b. Request for new vehicle or equipment less than \$10,000 must be made and approved through the normal budget process.

2. Repair and Maintenance of Vehicle or Equipment Requests

- a. All repair and maintenance of vehicles and equipment will be made by completing the Vehicle Maintenance Repair Slip, as provided by the Vehicle Maintenance Division.

Acquisition Request(s)

The 5-year CIP will be reviewed and evaluated annually as part of the budget process. In any given year, vehicle or equipment originally planned for replacement may be adjusted as necessary to account for current needs.



VEHICLE AND EQUIPMENT REPLACEMENT GUIDELINES

Public Works Department Vehicle Maintenance Division Management Methodology

To manage the City's fleet in a manner that theoretically all of the City's motorized equipment and vehicles are maintained and disposed of by the Public Works Department Vehicle Maintenance Division. The Vehicle Maintenance Division has full responsibility for vehicle and equipment maintenance and the equipment users are charged an hourly repair rate for all service and repairs.

1. Expected Life

When new vehicles or equipment are purchased, it is given an expected life (years in service) based on a variety of factors. Below are the estimated life expectancies for some of the significant pieces of equipment:

a. Engine Pumpers	20+ years (refurbish half way through life cycle)
b. Tandem Dump Trucks	12 years
c. Single Axle Dump Trucks	12-14 years-some longer
d. Wheel Loaders	15-18 years
e. Backhoe/Excavators	10-12 years
f. Jet Truck	10 years
g. One-Ton Trucks	9-10 years
h. $\frac{3}{4}$ and $\frac{1}{2}$ Ton Pickups	10 years-some longer
i. Skid Steers	8-10 years
j. Street Sweeper	8 years
k. Tractors	Varies (15 years average)
l. Vactor Truck	10 years
m. Mowers	Varies (6-10 years)
n. Sport Utility Vehicle	10 years
o. Passenger Cars/Vans	10 years
p. Squad Cars	100,000 miles/4 years
q. Trailers	15 years
r. Sidewalk Machines	10-12 years

2. Replacement Factors

When a particular piece of vehicle or equipment achieves its expected life and reaches its anticipated replacement year, it is analyzed to determine if it should be replaced based on the following factors:

- a. Critical nature of the equipment or vehicle and the availability of a backup or alternative equipment or vehicle. For example, the Sewer Jet is a critical piece of equipment for which there is no backup except to contract for those services. It is important to have this equipment operational with minimal downtime.
- b. Use of the equipment or vehicle (hours and/or miles). The duration and intensity of use are also important factors. For example, squad cars typically achieve their expected life of 100,000 miles and are retired in approximately 4 years while other vehicles (cars and light trucks) may never achieve 100,000 miles and can last for many years.
- c. Appropriateness of the equipment or vehicle for the assigned tasks. Public Works and the user examines whether the equipment or vehicle is still capable of doing its intended work, whether it is the right equipment, and determine if the work changed causing the equipment or vehicle to be obsolete.
- d. Repair history, costs, and downtime. Mechanics provide critical input and assessments of the overall condition of the equipment. Near the end of the expected life of the equipment or vehicle, repair costs can exceed the value of the equipment or vehicle and replacement is appropriate.
- e. Suitability of the equipment or vehicle for other tasks. Other departments provide input regarding the ability to reassign equipment and vehicles to other less frequent or intense duties. For example, Public Works have re-assigned used marked squad cars and light pickup trucks to other departments.

3. Life Cycle Costing

This accounting method is used as much as possible in managing the City's fleet management. Life cycle costing includes the purchase cost of the equipment or vehicle, lifetime maintenance and operation costs, and the residual value at the time of disposal. This is the true cost of equipment or vehicle ownership. The goal is to replace the equipment during its economic life. This is the period when the maintenance costs are the lowest.

4. Fire Department Vehicle Replacement Practice

Fire apparatus is historically refurbished half way through its life cycle (approximately 10-12 years) and replaced after 20 to 24 years of service, or a couple of years longer depending on condition. This general rule applies to "major" apparatus, engine, and ladder trucks. The replacement of a particular piece of apparatus is based upon several factors including the general mechanical and structural condition, required vehicle and safety upgrades, technological changes,

current and anticipated use, anticipation of future mission changes, and the current mechanical history (including mileage).

The apparatus replacement schedule is revised to reflect a philosophy of validating the replacement of a vehicle, as opposed to replacement based solely upon the age of the vehicle. To this end, vehicles have been moved back in the replacement schedule and not replaced at the time mark historically associated with replacement schedules. Refurbishing pumpers and ladders to extend the "life" of fire apparatus is a common practice. Refurbishing pumper and ladder fire vehicles extends vehicle life.

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS BY DEPARTMENT

Department	Project #	2019	2020	2021	2022	2023	Total
Buildings							
Generators	B-012			50,000			50,000
Air Compressors	B-013			5,000			5,000
Replace CoRayVac Heating Systems	B-018	175,000					175,000
Installation of Building Security Systems	B-027	10,000	10,000	10,000	10,000	10,000	50,000
Council Chambers Remodeling	B-036	300,000					300,000
Public Buildings Roof Replacements	B-041	150,000	150,000	150,000			450,000
City Hall Boiler Replacement	B-043		225,000				225,000
10th Avenue Storage Building -Insulate and Heat	B-046				375,000		375,000
10th Ave South Side Storage Yard	B-048		125,000	125,000	125,000		375,000
Park Shelters Building Improvements	B-049		50,000	50,000			100,000
Brookview Shelter Sewer Service Repair	B-050		50,000				50,000
10th Avenue Storage Yard Improvements	B-051					100,000	100,000
Buildings Total		635,000	610,000	390,000	510,000	110,000	2,255,000
Cablecasting Improvements							
Cable Equipment Replacement	C-001	200,000					200,000
Cablecasting Improvements Total		200,000					200,000
Golf Course							
Green/Tee Mowers	GC-003					45,000	45,000
Utility Cart	GC-005	11,000	11,000				22,000
Point of Sale System	GC-007				30,000		30,000
Rough Mowers	GC-010			70,000		70,000	140,000
Fairway Mower	GC-014		50,000	52,000			102,000
Bridge Improvements	GC-023			40,000	40,000		80,000
Turf Sprayer	GC-031	50,000					50,000
Beverage Cart	GC-035					25,000	25,000
Hole 18 Tee Improvements	GC-041				50,000		50,000
Range Nets	GC-045	19,675	20,000				39,675
Aerator	GC-046		25,000				25,000
Lightning Alarm System	GC-047	22,000					22,000
Golf Course Total		102,675	106,000	162,000	120,000	140,000	630,675
Parks							
Bleacher, Soccer Goal, Team Bench & Picnic Tables	P-001	25,000	15,000	25,000	25,000	25,000	115,000
Park Trail and Parking Lot Improvement	P-002	90,000	40,000	50,000	75,000	75,000	330,000
Play Structure Replacement	P-003	60,000		60,000	60,000	60,000	240,000
Outdoor Hard Surface Replacement	P-015	23,000	20,000	25,000	25,000	25,000	118,000
Park Signage Replacement	P-016	10,000	5,000	5,000	5,000	5,000	30,000
Sun Shelter Replacements and Additions	P-017				25,000	50,000	75,000
Tennis & Pickle Ball Court Resurfacing	P-018	15,000	15,000	15,000	15,000	15,000	75,000
Re-Lamp Athletic Field and Rink Lights (LED)	P-023	25,000	18,000	18,000	18,000	18,000	97,000
Wildwood Park Athletic Field	P-024			50,000			50,000

Department	Project #	2019	2020	2021	2022	2023	Total
Community Gardens	P-025	30,000		30,000			60,000
Off-Leash Pet Exercise Area	P-026		60,000				60,000
Dugout, Fence and Feiled Replacement	P-027	55,000	35,000	55,000	55,000	55,000	255,000
Scoreboard Updats/Replacement	P-028	25,000		25,000	25,000		75,000
Soft Fall Wood Fiber Replacement	P-031				15,000	15,000	30,000
Sand Volleyball Courts	P-032				15,000	15,000	30,000
Tennis Court Lights	P-033		150,000				150,000
Parks Total		358,000	358,000	358,000	358,000	358,000	1,790,000

Storm Water

Residential Storm Sewer Improvements	SS-01	850,000	750,000	750,000	750,000	750,000	3,850,000
Brookview Golf Course - Buffer Zone Implementation	SS-12	50,000		50,000			100,000
Pickup Truck (Storm Water Utility)	SS-22				35,000		35,000
Storm Water Pond Dredging	SS-23		300,000		300,000		600,000
V-Box Spreader and Anti-Ice (tandem)	SS-25		67,000				67,000
V-Box Spreader and Anti-Ice (tandem)	SS-26					67,000	67,000
Sidewalk Sweeper	SS-27		20,000				20,000
Flood Mitigation	SS-34	250,000	250,000	250,000	250,000	250,000	1,250,000
Bobcat Toolcat	SS-41					55,000	55,000
Zane Avenue & Lindsay St Reconstruction	SS-46				335,000		335,000
DeCola Ponds B and C	SS-48	3,900,000	700,000				4,600,000
Medley Park Stormwater Treatment Facility	SS-49				220,000	330,000	550,000
800 MHz Radios	SS-51	40,000					40,000
Storm Sewer Repairs-MS4 and Overlay Program	SS-53	150,000	150,000	150,000	150,000	150,000	750,000
Decola Pond F Diversion	SS-54			1,600,000	620,000	3,480,000	5,700,000
Janalyn Pond Lift Station	SS-58	125,000					125,000
Sidewalk Sweeper	SS-59				20,000		20,000
Bassett Creek Regional Trail-Storm Sewer Repairs	SS-60		50,000				50,000
Storm Water Total		5,365,000	2,287,000	2,800,000	2,680,000	5,082,000	18,214,000

Streets

Pavement Management Program	S-001	3,870,000	3,350,000	3,400,000	3,400,000	3,400,000	17,420,000
Zane Ave.and Lindsay Street	S-009				2,400,000		2,400,000
Pavement Management Overlays	S-013	500,000	500,000	500,000	500,000	500,000	2,500,000
TH 100 Pedestrian Bridge Walk Maintenance	S-014	200,000					200,000
Flashing Yellow Arrows	S-016		45,000		45,000		90,000
Municipal State Aid (MSA) Street Maintenance	S-017	125,000	125,000	125,000	125,000	125,000	625,000
Streetscape and City Hall Complex Renovation	S-018	100,000	100,000	100,000	100,000	100,000	500,000
MSA Debt Service	S-019	201,005	200,165	198,915	197,455	189,000	986,540
Sidewalks, Trails, & Bike Facility Upgrades	S-030	325,000	150,000	150,000	150,000	150,000	925,000
Xenia Avenue and Golden Hills Dr Improvements	S-031	1,350,000					1,350,000
Auto CAD Application	S-032	12,100	12,100	12,100	12,100	12,100	60,500
Cartegraph Street Management Software	S-034	20,000	20,000	20,000	20,000		80,000
Retaining Wall Repairs	S-036	100,000	100,000	100,000	100,000	100,000	500,000
Highway 55 West Redevelopment Project	S-038	63,500	182,310	179,900	182,450	179,950	788,110
Zenith Avenue Reconstruction	S-041				1,500,000		1,500,000
Railroad Crossing Improvements	S-042	250,000					250,000
Pavement Surface Treatments	S-044		100,000				100,000
Streets Total		7,116,605	4,884,575	4,785,915	8,732,005	4,756,050	30,275,150

Vehicles and Equipment

Marked Squad Cars (Police)	V&E-001	80,000	80,000	120,000	120,000	120,000	520,000
Computers and Printers (Finance)	V&E-002	95,000	95,000	95,000	95,000	95,000	475,000
Chipper (Street)	V&E-006					35,000	35,000

Department	Project #	2019	2020	2021	2022	2023	Total
Pickup Truck (Engineering)	V&E-008		35,000				35,000
Passenger Vehicle (Fire)	V&E-011					40,000	40,000
Portable Computers (Police)	V&E-020			50,000			50,000
Unmarked Police Vehicle (Police)	V&E-024				40,000		40,000
Pickup Truck (Park)	V&E-026		35,000				35,000
Dump Truck (Park)	V&E-029			80,000			80,000
Rotary Mower (Park)	V&E-030			110,000			110,000
Skylift Man Lift (Park & Street)	V&E-033	40,000					40,000
Crime Prevention Vehicle (Police)	V&E-034		30,000				30,000
Utility Tractor (Park)	V&E-039					75,000	75,000
Pickup Truck (Engineering)	V&E-044				35,000		35,000
Rescue Vehicle (Fire)	V&E-045					200,000	200,000
Pickup Truck (Park)	V&E-047					65,000	65,000
Rotary Mower (Park)	V&E-048					50,000	50,000
Dump Truck (Street)	V&E-053					270,000	270,000
Pickup Truck (Vehicle Maintenance)	V&E-054					100,000	100,000
Pickup Truck (Street)	V&E-063		40,000				40,000
Tandem Axle Dump Truck (Street)	V&E-066		270,000				270,000
Sidewalk/Maintenance Tractor (Street)	V&E-089					55,000	55,000
Pickup Truck (Park)	V&E-100				50,000		50,000
Pickup Truck (Fire)	V&E-102	40,000					40,000
Polaris 6 X 6 (Fire)	V&E-106	15,000					15,000
Bobcat Utility Truckster (Park)	V&E-107	55,000	4,500	4,500	4,500	4,500	73,000
Single Axle Dump Truck (Street)	V&E-109	230,000					230,000
Dump Truck (Street)	V&E-110			230,000			230,000
Portable Message Sign Trailer	V&E-115					25,000	25,000
Bobcat Toolcat (Park)	V&E-116	4,500	4,500	4,500	4,500	4,500	22,500
Sidewalk Tractor (Street)	V&E-118				160,000		160,000
Tasers (Police)	V&E-121			16,000			16,000
800 MHz Radios (Public Works Maintenance)	V&E-133	100,000					100,000
Body Cameras (Police)	V&E-135	24,070	24,070	24,070	24,070	24,070	120,350
Zodiac Boat (Fire)	V&E-136				5,500		5,500
Outboard Motor (Fire)	V&E-137				5,500		5,500
Passenger Vehicle (Fire)	V&E-138		40,000				40,000
Passenger Vehicle (Fire)	V&E-139			40,000			40,000
Utility Trailer (Park)	V&E-140		5,500				5,500
Pickup Truck (Park)	V&E-141	35,000					35,000
Dump Truck (Park)	V&E-142		80,000				80,000
Trash Compactor (Park)	V&E-143			65,000			65,000
Single Axle Dump Truck (Street)	V&E-144				230,000		230,000
Skid Steer Loader (Street)	V&E-145	5,000	5,000	5,000	5,000	5,000	25,000
Dump Truck (Street)	V&E-146		80,000				80,000
Police Commander Vehicle (Police)	V&E-147		50,000				50,000
SWAT Van (Police)	V&E-148		100,000				100,000
Passenger Vehicle (Fire)	V&E-152				40,000		40,000
Equipment Trailer (Street)	V&E-153			20,000			20,000
Traffic Trailer (Police)	V&E-154				30,000		30,000
Trailer (Street)	V&E-155					5,000	5,000
Trailer (Fire)	V&E-156	5,000					5,000
Passenger Car (Police)	V&E-158					40,000	40,000
Vehicles and Equipment Total		728,570	978,570	864,070	849,070	1,213,070	4,633,350

Water & Sewer Systems

Sanitary Sewer & Water Line Repair/Recon.	W&SS-001	1,400,000	1,200,000	1,200,000	1,200,000	1,200,000	6,200,000
Hook Dump Truck	W&SS-004		80,000				80,000
Pickup Truck	W&SS-011		40,000				40,000

Department	Project #	2019	2020	2021	2022	2023	Total
Pickup Truck	W&SS-014					100,000	100,000
Pickup Truck	W&SS-015				75,000		75,000
Mill and Overlay Water/Sewer Repairs	W&SS-051	150,000	150,000	150,000	150,000	150,000	750,000
Televising and Electroscan Equipment	W&SS-053	150,000					150,000
Radio Meter Reading System	W&SS-063	700,000	100,000				800,000
Valve Replacement/Watermain Lining	W&SS-066				100,000	100,000	200,000
Tractor Loader Backhoe	W&SS-070		160,000				160,000
I-394 Inflow/Infiltration Project	W&SS-074	250,000		250,000		250,000	750,000
Sewer Flow Meters	W&SS-076		35,000		35,000		70,000
Winnetka Ave Utility Rehabilitation	W&SS-077			550,000			550,000
Sanitary Sewer Lining I/I Reduction	W&SS-078				100,000	100,000	200,000
800 MHz Radios	W&SS-081	40,000					40,000
T.H. 55 Lift Station Relocation	W&SS-083				500,000		500,000
Trenchless Request for Information	W&SS-086					50,000	50,000
Complete Water Meter Replacement	W&SS-087			100,000	100,000	100,000	300,000
Water & Sewer Systems Total		2,690,000	1,765,000	2,250,000	2,260,000	2,050,000	11,015,000
GRAND TOTAL		17,195,850	10,989,145	11,609,985	15,509,075	13,709,120	69,013,175

City of Golden Valley, Minnesota

Capital Plan

2019 thru 2023

PROJECTS BY YEAR

Project Name	Department	Project #	Project Cost
2019			
Replace CoRayVac Heating Systems	Buildings	B-018	175,000
Installation of Building Security Systems	Buildings	B-027	10,000
Council Chambers Remodeling	Buildings	B-036	300,000
Public Buildings Roof Replacements	Buildings	B-041	150,000
Cable Equipment Replacement	Cablecasting Improvements	C-001	200,000
Utility Cart	Golf Course	GC-005	11,000
Turf Sprayer	Golf Course	GC-031	50,000
Range Nets	Golf Course	GC-045	19,675
Lightning Alarm System	Golf Course	GC-047	22,000
Bleacher, Soccer Goal, Team Bench & Picnic Tables	Parks	P-001	25,000
Park Trail and Parking Lot Improvement	Parks	P-002	90,000
Play Structure Replacement	Parks	P-003	60,000
Outdoor Hard Surface Replacement	Parks	P-015	23,000
Park Signage Replacement	Parks	P-016	10,000
Tennis & Pickle Ball Court Resurfacing	Parks	P-018	15,000
Re-Lamp Athletic Field and Rink Lights (LED)	Parks	P-023	25,000
Community Gardens	Parks	P-025	30,000
Dugout, Fence and Feiled Replacement	Parks	P-027	55,000
Scoreboard Updates/Replacement	Parks	P-028	25,000
Residential Storm Sewer Improvements	Storm Water	SS-01	850,000
Brookview Golf Course - Buffer Zone Implementation	Storm Water	SS-12	50,000
Flood Mitigation	Storm Water	SS-34	250,000
DeCola Ponds B and C	Storm Water	SS-48	3,900,000
800 MHz Radios	Storm Water	SS-51	40,000
Storm Sewer Repairs-MS4 and Overlay Program	Storm Water	SS-53	150,000
Janalyn Pond Lift Station	Storm Water	SS-58	125,000
Pavement Management Program	Streets	S-001	3,870,000
Pavement Management Overlays	Streets	S-013	500,000
TH 100 Pedestrian Bridge Walk Maintenance	Streets	S-014	200,000
Municipal State Aid (MSA) Street Maintenance	Streets	S-017	125,000
Streetscape and City Hall Complex Renovation	Streets	S-018	100,000
MSA Debt Service	Streets	S-019	201,005
Sidewalks, Trails, & Bike Facility Upgrades	Streets	S-030	325,000
Xenia Avenue and Golden Hills Dr Improvements	Streets	S-031	1,350,000
Auto CAD Application	Streets	S-032	12,100
Cartegraph Street Management Software	Streets	S-034	20,000
Retaining Wall Repairs	Streets	S-036	100,000
Highway 55 West Redevelopment Project	Streets	S-038	63,500
Railroad Crossing Improvements	Streets	S-042	250,000
Marked Squad Cars (Police)	Vehicles and Equipment	V&E-001	80,000
Computers and Printers (Finance)	Vehicles and Equipment	V&E-002	95,000
Skylift Man Lift (Park & Street)	Vehicles and Equipment	V&E-033	40,000
Pickup Truck (Fire)	Vehicles and Equipment	V&E-102	40,000
Polaris 6 X 6 (Fire)	Vehicles and Equipment	V&E-106	15,000

Project Name	Department	Project #	Project Cost
Bobcat Utility Truckster (Park)	Vehicles and Equipment	V&E-107	55,000
Single Axle Dump Truck (Street)	Vehicles and Equipment	V&E-109	230,000
Bobcat Toolcat (Park)	Vehicles and Equipment	V&E-116	4,500
800 MHz Radios (Public Works Maintenance)	Vehicles and Equipment	V&E-133	100,000
Body Cameras (Police)	Vehicles and Equipment	V&E-135	24,070
Pickup Truck (Park)	Vehicles and Equipment	V&E-141	35,000
Skid Steer Loader (Street)	Vehicles and Equipment	V&E-145	5,000
Trailer (Fire)	Vehicles and Equipment	V&E-156	5,000
Sanitary Sewer & Water Line Repair/Recon.	Water & Sewer Systems	W&SS-001	1,400,000
Mill and Overlay Water/Sewer Repairs	Water & Sewer Systems	W&SS-051	150,000
Televising and Electroscan Equipment	Water & Sewer Systems	W&SS-053	150,000
Radio Meter Reading System	Water & Sewer Systems	W&SS-063	700,000
I-394 Inflow/Infiltration Project	Water & Sewer Systems	W&SS-074	250,000
800 MHz Radios	Water & Sewer Systems	W&SS-081	40,000

Total for 2019

17,195,850

2020

Installation of Building Security Systems	Buildings	B-027	10,000
Public Buildings Roof Replacements	Buildings	B-041	150,000
City Hall Boiler Replacement	Buildings	B-043	225,000
10th Ave South Side Storage Yard	Buildings	B-048	125,000
Park Shelters Building Improvements	Buildings	B-049	50,000
Brookview Shelter Sewer Service Repair	Buildings	B-050	50,000
Utility Cart	Golf Course	GC-005	11,000
Fairway Mower	Golf Course	GC-014	50,000
Range Nets	Golf Course	GC-045	20,000
Aerator	Golf Course	GC-046	25,000
Bleacher, Soccer Goal, Team Bench & Picnic Tables	Parks	P-001	15,000
Park Trail and Parking Lot Improvement	Parks	P-002	40,000
Outdoor Hard Surface Replacement	Parks	P-015	20,000
Park Signage Replacement	Parks	P-016	5,000
Tennis & Pickle Ball Court Resurfacing	Parks	P-018	15,000
Re-Lamp Athletic Field and Rink Lights (LED)	Parks	P-023	18,000
Off-Leash Pet Exercise Area	Parks	P-026	60,000
Dugout, Fence and Feiled Replacement	Parks	P-027	35,000
Tennis Court Lights	Parks	P-033	150,000
Residential Storm Sewer Improvements	Storm Water	SS-01	750,000
Storm Water Pond Dredging	Storm Water	SS-23	300,000
V-Box Spreader and Anti-Ice (tandem)	Storm Water	SS-25	67,000
Sidewalk Sweeper	Storm Water	SS-27	20,000
Flood Mitigation	Storm Water	SS-34	250,000
DeCola Ponds B and C	Storm Water	SS-48	700,000
Storm Sewer Repairs-MS4 and Overlay Program	Storm Water	SS-53	150,000
Bassett Creek Regional Trail-Storm Sewer Repairs	Storm Water	SS-60	50,000
Pavement Management Program	Streets	S-001	3,350,000
Pavement Management Overlays	Streets	S-013	500,000
Flashing Yellow Arrows	Streets	S-016	45,000
Municipal State Aid (MSA) Street Maintenance	Streets	S-017	125,000
Streetscape and City Hall Complex Renovation	Streets	S-018	100,000
MSA Debt Service	Streets	S-019	200,165
Sidewalks, Trails, & Bike Facility Upgrades	Streets	S-030	150,000
Auto CAD Application	Streets	S-032	12,100
Cartograph Street Management Software	Streets	S-034	20,000
Retaining Wall Repairs	Streets	S-036	100,000
Highway 55 West Redevelopment Project	Streets	S-038	182,310

Project Name	Department	Project #	Project Cost
Pavement Surface Treatments	Streets	S-044	100,000
Marked Squad Cars (Police)	Vehicles and Equipment	V&E-001	80,000
Computers and Printers (Finance)	Vehicles and Equipment	V&E-002	95,000
Pickup Truck (Engineering)	Vehicles and Equipment	V&E-008	35,000
Pickup Truck (Park)	Vehicles and Equipment	V&E-026	35,000
Crime Prevention Vehicle (Police)	Vehicles and Equipment	V&E-034	30,000
Pickup Truck (Street)	Vehicles and Equipment	V&E-063	40,000
Tandem Axle Dump Truck (Street)	Vehicles and Equipment	V&E-066	270,000
Bobcat Utility Truckster (Park)	Vehicles and Equipment	V&E-107	4,500
Bobcat Toolcat (Park)	Vehicles and Equipment	V&E-116	4,500
Body Cameras (Police)	Vehicles and Equipment	V&E-135	24,070
Passenger Vehicle (Fire)	Vehicles and Equipment	V&E-138	40,000
Utility Trailer (Park)	Vehicles and Equipment	V&E-140	5,500
Dump Truck (Park)	Vehicles and Equipment	V&E-142	80,000
Skid Steer Loader (Street)	Vehicles and Equipment	V&E-145	5,000
Dump Truck (Street)	Vehicles and Equipment	V&E-146	80,000
Police Commander Vehicle (Police)	Vehicles and Equipment	V&E-147	50,000
SWAT Van (Police)	Vehicles and Equipment	V&E-148	100,000
Sanitary Sewer & Water Line Repair/Recon.	Water & Sewer Systems	W&SS-001	1,200,000
Hook Dump Truck	Water & Sewer Systems	W&SS-004	80,000
Pickup Truck	Water & Sewer Systems	W&SS-011	40,000
Mill and Overlay Water/Sewer Repairs	Water & Sewer Systems	W&SS-051	150,000
Radio Meter Reading System	Water & Sewer Systems	W&SS-063	100,000
Tractor Loader Backhoe	Water & Sewer Systems	W&SS-070	160,000
Sewer Flow Meters	Water & Sewer Systems	W&SS-076	35,000
Total for 2020			10,989,145

2021

Generators	Buildings	B-012	50,000
Air Compressors	Buildings	B-013	5,000
Installation of Building Security Systems	Buildings	B-027	10,000
Public Buildings Roof Replacements	Buildings	B-041	150,000
10th Ave South Side Storage Yard	Buildings	B-048	125,000
Park Shelters Building Improvements	Buildings	B-049	50,000
Rough Mowers	Golf Course	GC-010	70,000
Fairway Mower	Golf Course	GC-014	52,000
Bridge Improvements	Golf Course	GC-023	40,000
Bleacher, Soccer Goal, Team Bench & Picnic Tables	Parks	P-001	25,000
Park Trail and Parking Lot Improvement	Parks	P-002	50,000
Play Structure Replacement	Parks	P-003	60,000
Outdoor Hard Surface Replacement	Parks	P-015	25,000
Park Signage Replacement	Parks	P-016	5,000
Tennis & Pickle Ball Court Resurfacing	Parks	P-018	15,000
Re-Lamp Athletic Field and Rink Lights (LED)	Parks	P-023	18,000
Wildwood Park Athletic Field	Parks	P-024	50,000
Community Gardens	Parks	P-025	30,000
Dugout, Fence and Feiled Replacement	Parks	P-027	55,000
Scoreboard Updats/Replacement	Parks	P-028	25,000
Residential Storm Sewer Improvements	Storm Water	SS-01	750,000
Brookview Golf Course - Buffer Zone Implementation	Storm Water	SS-12	50,000
Flood Mitigation	Storm Water	SS-34	250,000
Storm Sewer Repairs-MS4 and Overlay Program	Storm Water	SS-53	150,000
Decola Pond F Diversion	Storm Water	SS-54	1,600,000
Pavement Management Program	Streets	S-001	3,400,000
Pavement Management Overlays	Streets	S-013	500,000

Project Name	Department	Project #	Project Cost
Municipal State Aid (MSA) Street Maintenance	Streets	S-017	125,000
Streetscape and City Hall Complex Renovation	Streets	S-018	100,000
MSA Debt Service	Streets	S-019	198,915
Sidewalks, Trails, & Bike Facility Upgrades	Streets	S-030	150,000
Auto CAD Application	Streets	S-032	12,100
Cartograph Street Management Software	Streets	S-034	20,000
Retaining Wall Repairs	Streets	S-036	100,000
Highway 55 West Redevelopment Project	Streets	S-038	179,900
Marked Squad Cars (Police)	Vehicles and Equipment	V&E-001	120,000
Computers and Printers (Finance)	Vehicles and Equipment	V&E-002	95,000
Portable Computers (Police)	Vehicles and Equipment	V&E-020	50,000
Dump Truck (Park)	Vehicles and Equipment	V&E-029	80,000
Rotary Mower (Park)	Vehicles and Equipment	V&E-030	110,000
Bobcat Utility Truckster (Park)	Vehicles and Equipment	V&E-107	4,500
Dump Truck (Street)	Vehicles and Equipment	V&E-110	230,000
Bobcat Toolcat (Park)	Vehicles and Equipment	V&E-116	4,500
Tasers (Police)	Vehicles and Equipment	V&E-121	16,000
Body Cameras (Police)	Vehicles and Equipment	V&E-135	24,070
Passenger Vehicle (Fire)	Vehicles and Equipment	V&E-139	40,000
Trash Compactor (Park)	Vehicles and Equipment	V&E-143	65,000
Skid Steer Loader (Street)	Vehicles and Equipment	V&E-145	5,000
Equipment Trailer (Street)	Vehicles and Equipment	V&E-153	20,000
Sanitary Sewer & Water Line Repair/Recon.	Water & Sewer Systems	W&SS-001	1,200,000
Mill and Overlay Water/Sewer Repairs	Water & Sewer Systems	W&SS-051	150,000
I-394 Inflow/Infiltration Project	Water & Sewer Systems	W&SS-074	250,000
Winnetka Ave Utility Rehabilitation	Water & Sewer Systems	W&SS-077	550,000
Complete Water Meter Replacement	Water & Sewer Systems	W&SS-087	100,000

Total for 2021

11,609,985

2022

Installation of Building Security Systems	Buildings	B-027	10,000
10th Avenue Storage Building -Insulate and Heat	Buildings	B-046	375,000
10th Ave South Side Storage Yard	Buildings	B-048	125,000
Point of Sale System	Golf Course	GC-007	30,000
Bridge Improvements	Golf Course	GC-023	40,000
Hole 18 Tee Improvements	Golf Course	GC-041	50,000
Bleacher, Soccer Goal, Team Bench & Picnic Tables	Parks	P-001	25,000
Park Trail and Parking Lot Improvement	Parks	P-002	75,000
Play Structure Replacement	Parks	P-003	60,000
Outdoor Hard Surface Replacement	Parks	P-015	25,000
Park Signage Replacement	Parks	P-016	5,000
Sun Shelter Replacements and Additions	Parks	P-017	25,000
Tennis & Pickle Ball Court Resurfacing	Parks	P-018	15,000
Re-Lamp Athletic Field and Rink Lights (LED)	Parks	P-023	18,000
Dugout, Fence and Feiled Replacement	Parks	P-027	55,000
Scoreboard Updats/Replacement	Parks	P-028	25,000
Soft Fall Wood Fiber Replacement	Parks	P-031	15,000
Sand Volleyball Courts	Parks	P-032	15,000
Residential Storm Sewer Improvements	Storm Water	SS-01	750,000
Pickup Truck (Storm Water Utility)	Storm Water	SS-22	35,000
Storm Water Pond Dredging	Storm Water	SS-23	300,000
Flood Mitigation	Storm Water	SS-34	250,000
Zane Avenue & Lindsay St Reconstruction	Storm Water	SS-46	335,000
Medley Park Stormwater Treatment Facility	Storm Water	SS-49	220,000
Storm Sewer Repairs-MS4 and Overlay Program	Storm Water	SS-53	150,000

Project Name	Department	Project #	Project Cost
Decola Pond F Diversion	Storm Water	SS-54	620,000
Sidewalk Sweeper	Storm Water	SS-59	20,000
Pavement Management Program	Streets	S-001	3,400,000
Zane Ave.and Lindsay Street	Streets	S-009	2,400,000
Pavement Management Overlays	Streets	S-013	500,000
Flashing Yellow Arrows	Streets	S-016	45,000
Municipal State Aid (MSA) Street Maintenance	Streets	S-017	125,000
Streetscape and City Hall Complex Renovation	Streets	S-018	100,000
MSA Debt Service	Streets	S-019	197,455
Sidewalks, Trails, & Bike Facility Upgrades	Streets	S-030	150,000
Auto CAD Application	Streets	S-032	12,100
Cartegraph Street Management Software	Streets	S-034	20,000
Retaining Wall Repairs	Streets	S-036	100,000
Highway 55 West Redevelopment Project	Streets	S-038	182,450
Zenith Avenue Reconstruction	Streets	S-041	1,500,000
Marked Squad Cars (Police)	Vehicles and Equipment	V&E-001	120,000
Computers and Printers (Finance)	Vehicles and Equipment	V&E-002	95,000
Unmarked Police Vehicle (Police)	Vehicles and Equipment	V&E-024	40,000
Pickup Truck (Engineering)	Vehicles and Equipment	V&E-044	35,000
Pickup Truck (Park)	Vehicles and Equipment	V&E-100	50,000
Bobcat Utility Truckster (Park)	Vehicles and Equipment	V&E-107	4,500
Bobcat Toolcat (Park)	Vehicles and Equipment	V&E-116	4,500
Sidewalk Tractor (Street)	Vehicles and Equipment	V&E-118	160,000
Body Cameras (Police)	Vehicles and Equipment	V&E-135	24,070
Zodiac Boat (Fire)	Vehicles and Equipment	V&E-136	5,500
Outboard Motor (Fire)	Vehicles and Equipment	V&E-137	5,500
Single Axle Dump Truck (Street)	Vehicles and Equipment	V&E-144	230,000
Skid Steer Loader (Street)	Vehicles and Equipment	V&E-145	5,000
Passenger Vehicle (Fire)	Vehicles and Equipment	V&E-152	40,000
Traffic Trailer (Police)	Vehicles and Equipment	V&E-154	30,000
Sanitary Sewer & Water Line Repair/Recon.	Water & Sewer Systems	W&SS-001	1,200,000
Pickup Truck	Water & Sewer Systems	W&SS-015	75,000
Mill and Overlay Water/Sewer Repairs	Water & Sewer Systems	W&SS-051	150,000
Valve Replacement/Watermain Lining	Water & Sewer Systems	W&SS-066	100,000
Sewer Flow Meters	Water & Sewer Systems	W&SS-076	35,000
Sanitary Sewer Lining I/I Reduction	Water & Sewer Systems	W&SS-078	100,000
T.H. 55 Lift Station Relocation	Water & Sewer Systems	W&SS-083	500,000
Complete Water Meter Replacement	Water & Sewer Systems	W&SS-087	100,000
Total for 2022			15,509,075

2023

Installation of Building Security Systems	Buildings	B-027	10,000
10th Avenue Storage Yard Improvements	Buildings	B-051	100,000
Green/Tee Mowers	Golf Course	GC-003	45,000
Rough Mowers	Golf Course	GC-010	70,000
Beverage Cart	Golf Course	GC-035	25,000
Bleacher, Soccer Goal, Team Bench & Picnic Tables	Parks	P-001	25,000
Park Trail and Parking Lot Improvement	Parks	P-002	75,000
Play Structure Replacement	Parks	P-003	60,000
Outdoor Hard Surface Replacement	Parks	P-015	25,000
Park Signage Replacement	Parks	P-016	5,000
Sun Shelter Replacements and Additions	Parks	P-017	50,000
Tennis & Pickle Ball Court Resurfacing	Parks	P-018	15,000
Re-Lamp Athletic Field and Rink Lights (LED)	Parks	P-023	18,000
Dugout, Fence and Feiled Replacement	Parks	P-027	55,000

Project Name	Department	Project #	Project Cost
Soft Fall Wood Fiber Replacement	Parks	P-031	15,000
Sand Volleyball Courts	Parks	P-032	15,000
Residential Storm Sewer Improvements	Storm Water	SS-01	750,000
V-Box Spreader and Anti-Ice (tandem)	Storm Water	SS-26	67,000
Flood Mitigation	Storm Water	SS-34	250,000
Bobcat Toolcat	Storm Water	SS-41	55,000
Medley Park Stormwater Treatment Facility	Storm Water	SS-49	330,000
Storm Sewer Repairs-MS4 and Overlay Program	Storm Water	SS-53	150,000
Decola Pond F Diversion	Storm Water	SS-54	3,480,000
Pavement Management Program	Streets	S-001	3,400,000
Pavement Management Overlays	Streets	S-013	500,000
Municipal State Aid (MSA) Street Maintenance	Streets	S-017	125,000
Streetscape and City Hall Complex Renovation	Streets	S-018	100,000
MSA Debt Service	Streets	S-019	189,000
Sidewalks, Trails, & Bike Facility Upgrades	Streets	S-030	150,000
Auto CAD Application	Streets	S-032	12,100
Retaining Wall Repairs	Streets	S-036	100,000
Highway 55 West Redevelopment Project	Streets	S-038	179,950
Marked Squad Cars (Police)	Vehicles and Equipment	V&E-001	120,000
Computers and Printers (Finance)	Vehicles and Equipment	V&E-002	95,000
Chipper (Street)	Vehicles and Equipment	V&E-006	35,000
Passenger Vehicle (Fire)	Vehicles and Equipment	V&E-011	40,000
Utility Tractor (Park)	Vehicles and Equipment	V&E-039	75,000
Rescue Vehicle (Fire)	Vehicles and Equipment	V&E-045	200,000
Pickup Truck (Park)	Vehicles and Equipment	V&E-047	65,000
Rotary Mower (Park)	Vehicles and Equipment	V&E-048	50,000
Dump Truck (Street)	Vehicles and Equipment	V&E-053	270,000
Pickup Truck (Vehicle Maintenance)	Vehicles and Equipment	V&E-054	100,000
Sidewalk/Maintenance Tractor (Street)	Vehicles and Equipment	V&E-089	55,000
Bobcat Utility Truckster (Park)	Vehicles and Equipment	V&E-107	4,500
Portable Message Sign Trailer	Vehicles and Equipment	V&E-115	25,000
Bobcat Toolcat (Park)	Vehicles and Equipment	V&E-116	4,500
Body Cameras (Police)	Vehicles and Equipment	V&E-135	24,070
Skid Steer Loader (Street)	Vehicles and Equipment	V&E-145	5,000
Trailer (Street)	Vehicles and Equipment	V&E-155	5,000
Passenger Car (Police)	Vehicles and Equipment	V&E-158	40,000
Sanitary Sewer & Water Line Repair/Recon.	Water & Sewer Systems	W&SS-001	1,200,000
Pickup Truck	Water & Sewer Systems	W&SS-014	100,000
Mill and Overlay Water/Sewer Repairs	Water & Sewer Systems	W&SS-051	150,000
Valve Replacement/Watermain Lining	Water & Sewer Systems	W&SS-066	100,000
I-394 Inflow/Infiltration Project	Water & Sewer Systems	W&SS-074	250,000
Sanitary Sewer Lining I/I Reduction	Water & Sewer Systems	W&SS-078	100,000
Trenchless Request for Information	Water & Sewer Systems	W&SS-086	50,000
Complete Water Meter Replacement	Water & Sewer Systems	W&SS-087	100,000
Total for 2023			13,709,120
GRAND TOTAL			69,013,175