2021-2025

Capital Improvement Plan

Adopted by
Burnsville City Council
December 8, 2020

Burnsville
YOU BELONG HERE

CITY COUNCIL

Elizabeth B. Kautz, Mayor
Dan Kealey
Dan Gustafson
Cara Schulz
Vince Workman

CITY STAFF

Melanie Mesko Lee, City Manager
Ryan Peterson, Director of Public Works
Garrett Beck, Director of Parks, Recreation & Facilities
Jen Desrude, City Engineer

TABLE OF CONTENTS

Introduction 4

Funding Source Summary 6
Proposed funding sources for financing the proposed improvements outlined in the CIP. The table also shows the extent each funding source is contributing each fiscal year.

Projects by Funding Source 7
Proposed projects categorized by their proposed funding source. The table also shows the funding source(s) and the extent of the funding source that will be financing each project.

Projects & Funding Sources by Department 10
Proposed individual projects categorized with their funding source listed below.

Maps 13
These maps show the proposed 2021 Street Construction, Street Reconstruction, Rehabilitation and Host Community Landfill Grant areas.

Projects by Category and Department

Special Revenue Funds 17
Summarizes replacements and improvements for the Special Revenue Funds – Cable Franchise Fee and Forestry.

Parks 18
Summary of proposed renovations and improvements to the city parks.

Equipment and Vehicles 19
Summary of replacement schedules and proposed revenue sources for city vehicles and large equipment.

Facilities 22
Summary of replacement schedules and proposed revenue sources for improvements and large maintenance items for city buildings and facilities.

IT 25
Summary of proposed upgrades, replacements and development for Information Technology.

Enterprise Funds 28
This page summarizes replacements and improvements for the Enterprise Funds:

- Ames Center, Golf Course, Ice Center, Storm Water, Street Lighting, and Water & Sewer.

CIP Project Narrative 29
Detailed listing and description of projects grouped by type of project.

Debt Analysis 38

CITY OF BURNSVILLE
2021 – 2025
CAPITAL IMPROVEMENT PLAN

INTRODUCTION

The City of Burnsville has prepared this plan as decision information consistent with the City's Governance Model. The City of Burnsville believes that it is necessary to annually review and update its Capital Improvements Plan. The information contained herein is the result of the City Council's desire to establish Ends and Outcomes with objectives that directly align with our Vision.

The CIP is an important part of the implementation of specific projects. It is important to remember this document is only a plan. Subsequent project specific considerations and actions must be made by the Council prior to the implementation of individual projects.

PURPOSE

This plan includes the scheduling of public improvements for the community over a five-year period, taking into consideration the community's financial capabilities as well as its goals and priorities. The CIP is directly linked to the goals and policies of the City's Comprehensive Plan and acts as a work plan for the City's staff. The primary objective of this plan is to integrate the specific goals, policies and Council recommendations with the City's capability to pay for and maintain capital improvements.

ACTION

The demand for services and the cost of building and maintaining the City's infrastructure continues to increase. No City can afford to accomplish every project or meet every service demand. Therefore, a methodology must be employed that identifies a realistic mix of Commercial and Residential needs and a financing plan to meet those needs. This plan attempts to prioritize improvements to the City's infrastructure so Burnsville continues to be a community with an effective, multi-modal transportation system that connects people and goods with their destination points, and an infrastructure system that continues to provide high quality service to the City's businesses and residents.

COSTS

In 1994 the City Council adopted a Financial Management Plan which establishes policies and procedures in the areas of the CIP and debt management. The CIP development process is set forth as follows:

- Compile and prioritize projects. Staff will consolidate and prioritize recommended projects into the proposed plan.
- Devise funding sources for proposed projects. Recommended funding sources will be clearly stated for each project.
- Analyze debt service related to new projects. The CIP will include the impact on the tax levy, as well as the total dollar cost.
- Project and analyze debt service related to the total debt of the City. A debt analysis will be provided summarizing the combined impact of all existing and proposed debt.

As part of the annual budget process, the City Council will evaluate the proposed CIP and decide on project prioritization, funding source acceptability, and acceptable financial impact on the tax levy, total debt, and utility rate levels.

As part of the project development process, the City Council will evaluate the feasibility of each individual project and determine if it is consistent with the proposed financing plan and appropriate for implementation.

Capital Improvements Plan (CIP)

Debt Analysis

FUNDING SOURCE SUMMARY

Source	2021	2022	2023	2024	2025	Total
Dakota County	2,225,000	600,000				*2,825,000*
Federal	670,000	2,632,000			2,500,000	*5,802,000*
General Fund			180,000	190,000	450,000	*820,000*
Host Community Grant	415,000	415,000	415,000	415,000	415,000	*2,075,000*
Infrastructure Trust Funds	2,997,037	2,158,578	3,674,176	3,102,047	3,081,060	*15,012,898*
MSAS Funds	932,289	2,504,385	1,463,251	2,573,725	2,997,612	*10,471,262*
Special Assessments	776,294	1,457,310	1,367,667	1,650,971	960,929	*6,213,171*
Utility - St. Lighting	170,000	170,000	170,000	170,000	170,000	*850,000*
Utility - Storm Water	2,755,000	2,858,000	2,345,000	3,030,000	2,332,000	*13,320,000*
Utility - Water & Sewer - Sanitary Sewer	1,475,000	802,000	1,768,500	851,000	1,696,000	*6,592,500*
Utility - Water & Sewer - Water	2,039,000	3,250,500	4,085,500	3,348,500	3,622,000	*16,345,500*
GRAND TOTAL	**$ 14,454,620**	**$ 16,847,773**	**$ 15,469,094**	**$ 15,331,243**	**$ 18,224,601**	**$ 80,327,331**

PROJECTS BY FUNDING SOURCE

Source	2021	2022	2023	2024	2025	Total
Dakota County						
Cliff Road Trail - TH 13 to Cinn Ridge	425,000					*425,000*
Cliff Road Interchange Freight Improvements	1,800,000	600,000				*2,400,000*
Dakota County Total	**2,225,000**	**600,000**	**—**	**—**	**—**	***2,825,000***
Federal						
Cliff Road Trail - TH 13 to Cinn Ridge	670,000					*670,000*
Cliff Road Interchange Freight Improvements		2,632,000				*2,632,000*
Nicollet / 13 Ped Bridge					2,500,000	*2,500,000*
Federal Total	**670,000**	**2,632,000**	**—**	**—**	**2,500,000**	***5,802,000***
General Fund						
35W/Burnsville Parkway Aesthetics Renovations					350,000	*350,000*
Monument Signs			180,000	190,000	100,000	*470,000*
General Fund Total	**—**	**—**	**180,000**	**190,000**	**450,000**	***820,000***
Host Community Grant						
Host Landfill Grant Projects	415,000	415,000	415,000	415,000	415,000	*2,075,000*
Host Community Grant Total	**415,000**	**415,000**	**415,000**	**415,000**	**415,000**	***2,075,000***
Infrastructure Trust Funds						
Street Improvements (Recon, Reclaim, Rehab)	1,562,929	2,108,578	1,540,356	2,862,477	2,266,660	*10,341,000*
Maintenance Overlays	1,169,108		1,588,820	69,570	634,400	*3,461,898*
Concrete Elements Improvements	120,000			120,000		*240,000*
Multi-Modal Transportation	70,000		75,000		80,000	*225,000*
Host Landfill Grant Projects	50,000	50,000	50,000	50,000	50,000	*250,000*
Southwest Burnsville Street Improvements			420,000			*420,000*
Lac Lavon Speed Sign Replacement	25,000					*25,000*
Retaining Walls in ROW					50,000	*50,000*
Infrastructure Trust Funds Total	**2,997,037**	**2,158,578**	**3,674,176**	**3,102,047**	**3,081,060**	***15,012,898***
MSAS Funds						
City Signal Replacement		350,000			400,000	*750,000*
County Signals	90,000	162,000	230,000	240,000	240,000	*962,000*
Street Improvements (Recon, Reclaim, Rehab)	97,289	1,422,385	1,086,251	1,945,725	1,407,612	*5,959,262*
Cliff Road Trail - TH 13 to Cinn Ridge	75,000					*75,000*
Street Trail Rehabilitation	70,000	280,000		80,000	300,000	*730,000*
Cliff Road Interchange Freight Improvements	600,000	200,000				*800,000*
Nicollet/13 Ped Bridge				150,000	350,000	*500,000*
ntersection Improvement					300,000	*300,000*
Cty Rd 11 / Burnsville Pkwy Intersection Improvement		90,000	147,000	158,000		*395,000*
MSAS Funds Total	**932,289**	**2,504,385**	**1,463,251**	**2,573,725**	**2,997,612**	***10,471,262***

City of Burnsville, Minnesota

Capital Improvements Plan

2021 thru 2025

PROJECTS BY FUNDING SOURCE

Source	2021	2022	2023	2024	2025	Total
Special Assessments						
Street Improvements (Recon, Reclaim, Rehab)	776,294	1,407,310	1,037,667	1,600,971	910,929	*5,733,171*
Host Landfill Grant Projects		50,000	50,000	50,000	50,000	*200,000*
Southwest Burnsville Street Improvements			280,000			*280,000*
Special Assessments Total	**776,294**	**1,457,310**	**1,367,667**	**1,650,971**	**960,929**	***6,213,171***
Utility - St. Lighting Total						
Street light Replacement	170,000	170,000	170,000	170,000	170,000	*850,000*
Utility - St. Lighting Total	**170,000**	**170,000**	**170,000**	**170,000**	**170,000**	***850,000***
Utility - Storm Water						
Street Improvements (Recon, Reclaim, Rehab)	620,000	639,000	659,000	679,000	700,000	*3,297,000*
Minor Drainage Improvements	120,000	124,000	128,000	132,000	136,000	*640,000*
Pond Cleanout/Outfall Improvement Program	400,000	412,000	425,000	438,000	452,000	*2,127,000*
Maintenance Overlays	70,000		75,000		80,000	*225,000*
Host Landfill Grant Projects		31,000	32,000	33,000	34,000	*130,000*
County Overlays		62,000	64,000	66,000	68,000	*260,000*
Lift Station Rehabilitation SW		258,000		274,000		*532,000*
WRMP Update	50,000	25,000				*75,000*
Wood Pond StormFilter Maintenance		11,000		12,000		*23,000*
MRQ Stormwater & Floodplain Study/Report					50,000	*50,000*
Ravine Restoration & Slope Stabilization	500,000		531,000		564,000	*1,595,000*
Street Project Storm Sewer Televising	50,000	52,000	54,000	56,000	58,000	*270,000*
Contract Patching	70,000	73,000	76,000	79,000	82,000	*380,000*
Maintenance Facility Treatment Structure			75,000			*75,000*
Resiliency & Water Quality Improvements	350,000	1,019,000		1,082,000		*2,451,000*
Trout Stream #4 Restoration Dev Cost Share	10,000					*10,000*
Alum Treatment		60,000				*60,000*
KMM Levee Inspection & Report	10,000					*10,000*
Park Drainage Improvements	125,000		133,000	133,000		*391,000*
Boulevard Tree Maintenance	40,000	42,000	44,000	46,000	48,000	*220,000*
Keller Lake Stormwater Quality Impr			4,000			*4,000*
Deeg Pond Filter Replacement			45,000			*45,000*
Crystal Lake Shoreline Restoration	40,000					*40,000*
Natural Resources Management Plan Update	50,000					*50,000*
Park Drainage Study		50,000			60,000	*110,000*
Fire Station Water Reuse System	250,000					*250,000*
Utility - Storm Water Total	**2,755,000**	**2,858,000**	**2,345,000**	**3,030,000**	**2,332,000**	***13,320,000***
Utility - Water & Sewer - Sanitary Sewer						
Lift Station Rehabilitation - SS	750,000		900,000		775,000	*2,425,000*
Sanitary Sewer Rehabilitation	340,000	349,500	359,000	369,500	380,000	*1,798,000*
Street Improvements (Recon, Reclaim, Rehab)	345,000	356,500	368,000	379,500	391,000	*1,840,000*

PROJECTS BY FUNDING SOURCE

Source	2021	2022	2023	2024	2025	Total
Maintenance Overlays	40,000		42,500		45,000	*127,500*
Host Landfill Grant Projects		31,000	32,000	33,000	34,000	*130,000*
County Overlays		65,000	67,000	69,000	71,000	*272,000*
Utility - Water & Sewer - Sanitary Sewer Total	**1,475,000**	**802,000**	**1,768,500**	**851,000**	**1,696,000**	***6,592,500***
Utility - Water & Sewer - Water						
Street Improvements (Recon, Reclaim, Rehab)	355,000	507,000	1,487,000	2,516,000	682,000	*5,547,000*
Maintenance Overlays	1,320,000		1,078,500		23,000	*2,421,500*
Distribution System Repair/Rehab					936,000	*936,000*
Water Production Rehab	110,000	1,800,000	358,000	240,000	552,000	*3,060,000*
Host Landfill Grant Projects		20,500	21,000	21,500	22,000	*85,000*
Transmission & Storage Rehab	10,000	485,000	913,000	338,000	934,000	*2,680,000*
County Overlays		25,000	26,000	27,000	28,000	*106,000*
Water Treatment Repairs & Rehab	50,000	215,000			235,000	*500,000*
Street Repair of WM Breaks & Contract Patching	144,000	148,000	152,000	156,000	160,000	*760,000*
Water Studies	50,000	50,000	50,000	50,000	50,000	*250,000*
Utility - Water & Sewer - Water Total	**2,039,000**	**3,250,500**	**4,085,500**	**3,348,500**	**3,622,000**	***16,345,500***
GRAND TOTAL	**14,454,620**	**16,847,773**	**15,469,094**	**15,331,243**	**18,224,601**	***80,327,331***

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2021	2022	2023	2024	2025	Total
Collector\Thoroughfare Improv.						
Cliff Road Trail - TH to Cinn Ridge	1,170,000					1,170,000
Dakota County	***425,000***					***425,000***
Federal	***670,000***					***670,000***
MSAS Funds	***75,000***					***75,000***
County Overlays		152,000	157,000	162,000	167,000	638,000
Utility - Storm Water		***62,000***	***64,000***	***66,000***	***68,000***	***260,000***
Utility - Water & Sewer - Sanitary Sewer		***65,000***	***67,000***	***69,000***	***71,000***	***272,000***
Utility - Water & Sewer - Water		***25,000***	***26,000***	***27,000***	***28,000***	***106,000***
35W/Burnsville Parkway Aesthetics Renovation					350,000	350,000
General Fund					***350,000***	***350,000***
Monument Signs			180,000	190,000	100,000	470,000
General Fund			***180,000***	***190,000***	***100,000***	***470,000***
Street Trail Rehabilitation	70,000	280,000		80,000	300,000	730,000
MSAS Funds	***70,000***	***280,000***		***80,000***	***300,000***	***730,000***
Cliff Road Interchange Freight Improvements	2,400,000	3,432,000				5,832,000
Dakota County	***1,800,000***	***600,000***				***2,400,000***
Federal		***2,632,000***				***2,632,000***
MSAS Funds	***600,000***	***200,000***				***800,000***
Nicollet/13 Ped Bridge				150,000	2,850,000	3,000,000
Federal					***2,500,000***	***2,500,000***
MSAS Funds				***150,000***	***350,000***	***500,000***
Lac Lavon Speed Sign Replacement	25,000					25,000
Infrastructure Trust Funds	***25,000***					***25,000***
Retaining Walls in ROW					50,000	50,000
Infrastructure Trust Funds					***50,000***	***50,000***
Collector\Thoroughfare Improv. Total	**3,665,000**	**3,864,000**	**337,000**	**582,000**	**3,817,000**	**12,265,000**
Intersection Improvement						
City Signal Replacement		350,000			400,000	750,000
MSAS Funds		***350,000***			***400,000***	***750,000***
County Signals	90,000	162,000	230,000	240,000	240,000	962,000
MSAS Funds	***90,000***	***162,000***	***230,000***	***240,000***	***240,000***	***962,000***
Intersection Improvement					300,000	300,000
MSAS Funds					***300,000***	***300,000***
Cty Rd 11/Burnsville Pkwy Intersection Improvement		90,000	147,000	158,000		395,000
MSAS Funds		***90,000***	***147,000***	***158,000***		***395,000***
Intersection Improvement Total	**90,000**	**602,000**	**377,000**	**398,000**	**940,000**	**2,407,000**
Sanitary Sewer System Mgmt						
Lift Station Rehabilitation - SS	750,000		900,000		775,000	2,425,000
Utility - Water & Sewer - Sanitary Sewer	***750,000***		***900,000***		***775,000***	***2,425,000***
Sanitary Sewer Rehabilitation	340,000	349,500	359,000	369,500	380,000	1,798,000
Utility - Water & Sewer - Sanitary Sewer	***340,000***	***349,500***	***359,000***	***369,500***	***380,000***	***1,798,000***
Sanitary Sewer System Mgmt Total	**1,090,000**	**349,500**	**1,259,000**	**369,500**	**1,155,000**	**4,223,000**

City of Burnsville, Minnesota

Capital Improvements Plan

2021 thru 2025

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2021	2022	2023	2024	2025	Total
Storm Water Management						
Minor Drainage Improvements	120,000	124,000	128,000	132,000	136,000	640,000
Utility - Storm Water	***120,000***	***124,000***	***128,000***	***132,000***	***136,000***	***640,000***
Pond Cleanout/Outfall Improvement Program	400,000	412,000	425,000	438,000	452,000	2,127,000
Utility - Storm Water	***400,000***	***412,000***	***425,000***	***438,000***	***452,000***	***2,127,000***
Lift Station Rehabilitation - SW		258,000		274,000		532,000
Utility - Storm Water		***258,000***		***274,000***		***532,000***
WRMP Update	50,000	25,000				75,000
Utility - Storm Water	***50,000***	25,000				***75,000***
Wood Pond StormFilter Maintenance		11,000		12,000		23,000
Utility - Storm Water		***11,000***		***12,000***		***23,000***
MRQ Stormwater & Floodplain Study/Report					50,000	50,000
Utility - Storm Water					50,000	***50,000***
Ravine Restoration & Slope Stabilization	500,000		531,000		564,000	1,595,000
Utility - Storm Water	***500,000***		531,000		564,000	***1,595,000***
Street Project Storm Sewer Televising	50,000	52,000	54,000	56,000	58,000	270,000
Utility - Storm Water	***50,000***	***52,000***	***54,000***	***56,000***	***58,000***	***270,000***
Contract Patching	70,000	73,000	76,000	79,000	82,000	380,000
Utility - Storm Water	***70,000***	***73,000***	***76,000***	***79,000***	***82,000***	***380,000***
Maintenance Facility Treatment Structure			75,000			75,000
Utility - Storm Water			***75,000***			***75,000***
Resiliency & Water Quality Improvements	350,000	1,019,000		1,082,000		2,451,000
Utility - Storm Water	***350,000***	***1,019,000***		***1,082,000***		***2,451,000***
Trout Stream #4 Restoration Dev Cost Sharing	10,000					10,000
Utility - Storm Water	***10,000***					***10,000***
Alum Treatment		60,000				60,000
Utility - Storm Water		***60,000***				***60,000***
KMM Levee Inspection & Report	10,000					10,000
Utility - Storm Water	***10,000***					***10,000***
Park Drainage Improvements	125,000		133,000	133,000		391,000
Utility - Storm Water	***125,000***		***133,000***	***133,000***		***391,000***
Boulevard Tree Maintenance	40,000	42,000	44,000	46,000	48,000	220,000
Utility - Storm Water	***40,000***	***42,000***	***44,000***	***46,000***	***48,000***	***220,000***
Keller Lake Stormwater Quality Impr			4,000			4,000
Utility - Storm Water			***4,000***			***4,000***
Deeg Pond Filter Replacement			45,000			45,000
Utility - Storm Water			***45,000***			***45,000***
Crystal Lake Shoreline Restoration	40,000					40,000
Utility - Storm Water	***40,000***					***40,000***
Natural Resources Management Plan Update	50,000					50,000
Utility - Storm Water	***50,000***					***50,000***
Park Drainage Study		50,000			60,000	110,000
Utility - Storm Water		***50,000***			***60,000***	***110,000***
Fire Station Water Reuse System	250,000					250,000
Utility - Storm Water	***250,000***					***250,000***
Storm Water Management Total	**2,065,000**	**2,126,000**	**1,515,000**	**2,252,000**	**1,450,000**	**9,408,000**

City of Burnsville, Minnesota

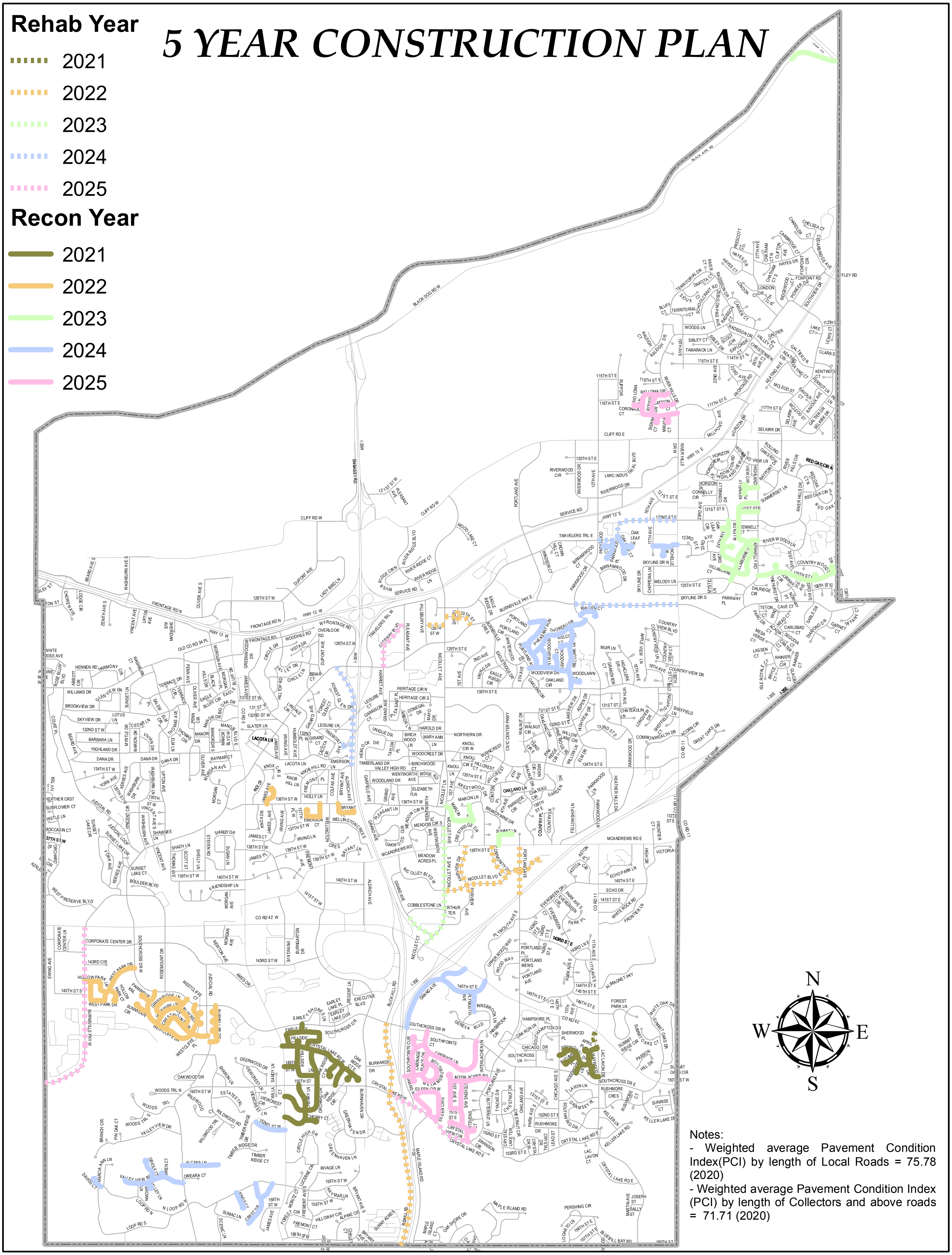
Capital Improvements Plan

2021 thru 2025

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2021	2022	2023	2024	2025	Total
Street Projects						
Street Improvements (Recon, Reclaim, Rehab)	3,756,512	6,440,773	6,178,274	9,983,673	6,358,201	32,717,433
Infrastructure Trust Funds	*1,562,929*	*2,108,578*	*1,540,356*	*2,862,477*	*2,266,660*	*10,341,000*
MSAS Funds	*97,289*	*1,422,385*	*1,086,251*	*1,945,725*	*1,407,612*	*5,959,262*
Special Assessments	*776,294*	*1,407,310*	*1,037,667*	*1,600,971*	*910,929*	*5,733,171*
Utility - Storm Water	*620,000*	*639,000*	*659,000*	*679,000*	*700,000*	*3,297,000*
Utility - Water & Sewer - Sanitary Sewer	*345,000*	*356,500*	*368,000*	*379,500*	*391,000*	*1,840,000*
Utility - Water & Sewer - Water	*355,000*	*507,000*	*1,487,000*	*2,516,000*	*682,000*	*5,547,000*
Street Light Replacement	170,000	170,000	170,000	170,000	170,000	850,000
Utility - St. Lighting	*170,000*	*170,000*	*170,000*	*170,000*	*170,000*	*850,000*
Maintenance Overlays	2,599,108		2,784,820	69,570	782,400	6,235,898
Infrastructure Trust Funds	*1,169,108*		*1,588,820*	*69,570*	*634,400*	*3,461,898*
Utility - Storm Water	*70,000*		*75,000*		*80,000*	*225,000*
Utility - Water & Sewer - Sanitary Sewer	*40,000*		*42,500*		*45,000*	*127,500*
Utility - Water & Sewer - Water	*1,320,000*		*1,078,500*		*23,000*	*2,421,500*
Concrete Elements Improvements	120,000			120,000		240,000
Infrastructure Trust Funds	*120,000*			*120,000*		*240,000*
Multi-Modal Transportation	70,000		75,000		80,000	225,000
Infrastructure Trust Funds	*70,000*		*75,000*		*80,000*	*225,000*
Host Landfill Grant Projects	465,000	597,500	600,000	602,500	605,000	2,870,000
Host Community Grant	*415,000*	*415,000*	*415,000*	*415,000*	*415,000*	*2,075,000*
Infrastructure Trust Funds	*50,000*	*50,000*	*50,000*	*50,000*	*50,000*	*250,000*
Special Assessments		*50,000*	*50,000*	*50,000*	*50,000*	*200,000*
Utility - Storm Water		*31,000*	*32,000*	*33,000*	*34,000*	*130,000*
Utility - Water & Sewer - Sanitary Sewer		*31,000*	*32,000*	*33,000*	*34,000*	*130,000*
Utility - Water & Sewer - Water		*20,500*	*21,000*	*21,500*	*22,000*	*85,000*
Southwest Burnsville Street Improvements			700,000			700,000
Infrastructure Trust Funds			*420,000*			*420,000*
Special Assessments			*280,000*			*280,000*
Street Projects Total	**7,180,620**	**7,208,273**	**10,508,094**	**10,945,743**	**7,995,601**	**43,838,331**
Water System						
Distribution System Repair/Rehab					936,000	936,000
Utility - Water & Sewer - Water					*936,000*	*936,000*
Water Production Rehab	110,000	1,800,000	358,000	240,000	552,000	3,060,000
Utility - Water & Sewer - Water	*110,000*	*1,800,000*	*358,000*	*240,000*	*552,000*	*3,060,000*
Transmission & Storage Rehab	10,000	485,000	913,000	338,000	934,000	2,680,000
Utility - Water & Sewer - Water	*10,000*	*485,000*	*913,000*	*338,000*	*934,000*	*2,680,000*
Water Treatment Repairs & Rehab	50,000	215,000			235,000	500,000
Utility - Water & Sewer - Water	*50,000*	*215,000*			*235,000*	*500,000*
Street Repair of WM Breaks & Contract Patching	144,000	148,000	152,000	156,000	160,000	760,000
Utility - Water & Sewer - Water	*144,000*	*148,000*	*152,000*	*156,000*	*160,000*	*760,000*
Water Studies	50,000	50,000	50,000	50,000	50,000	250,000
Utility - Water & Sewer - Water	*50,000*	*50,000*	*50,000*	*50,000*	*50,000*	*250,000*
Water System Total	**364,000**	**2,698,000**	**1,473,000**	**784,000**	**2,867,000**	**8,186,000**
GRAND TOTAL	**14,454,620**	**16,847,773**	**15,469,094**	**15,331,243**	**18,224,601**	**80,327,331**

5 YEAR CONSTRUCTION PLAN



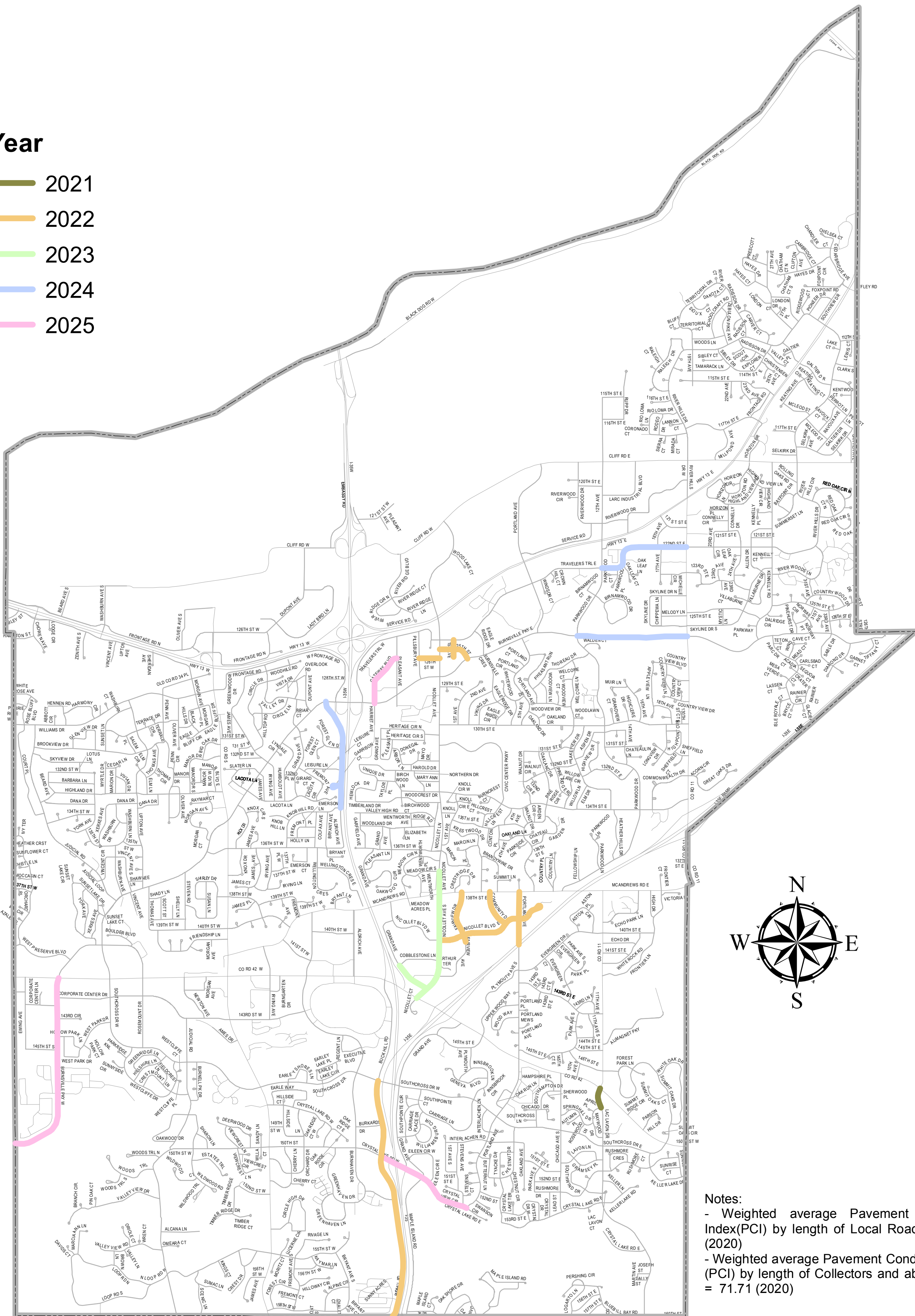
Notes:

- Weighted average Pavement Condition Index(PCI) by length of Local Roads = 75.78 (2020)
- Weighted average Pavement Condition Index (PCI) by length of Collectors and above roads = 71.71 (2020)

5 YEAR REHABILITATION PLAN

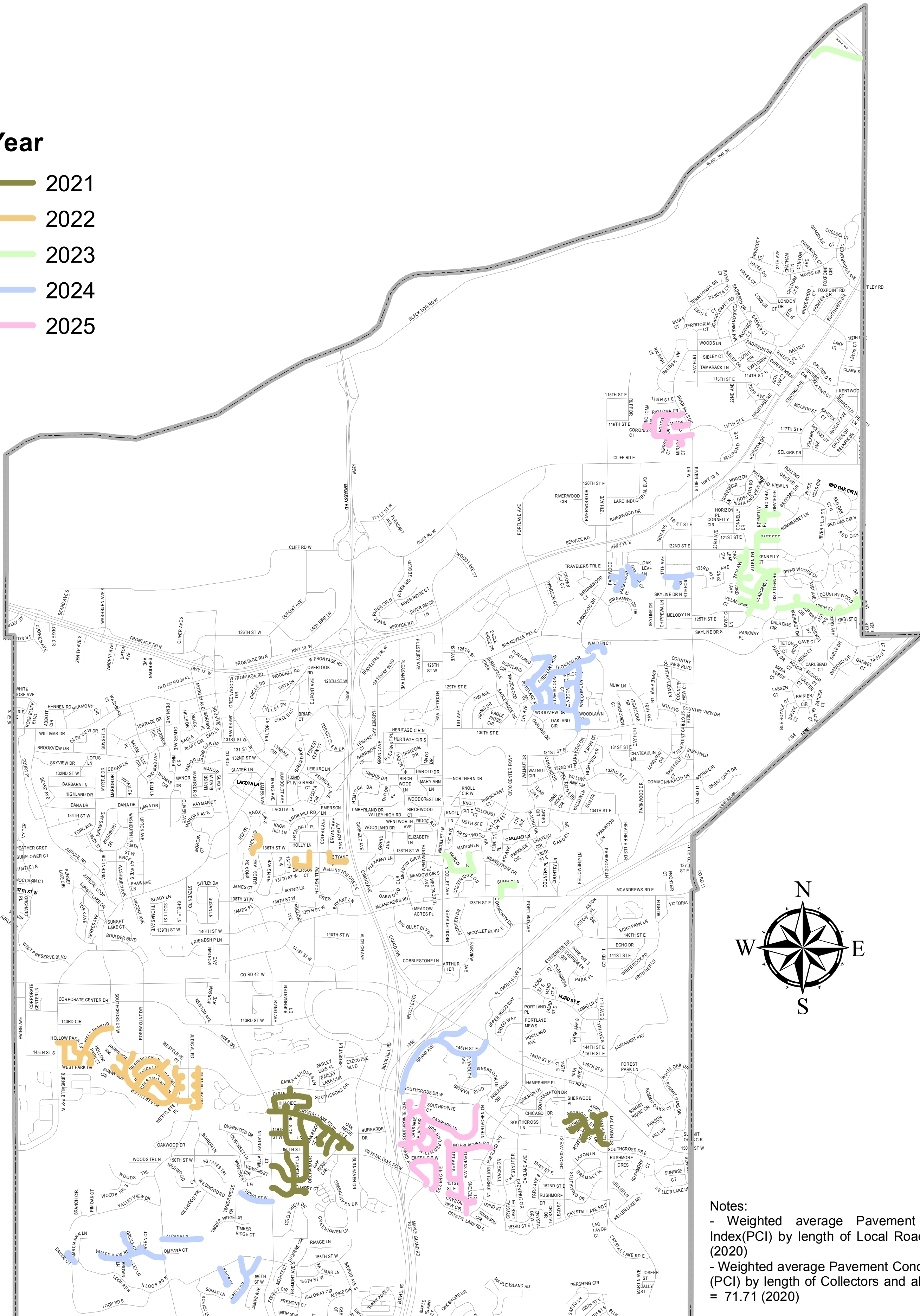
Year

- 2021
- 2022
- 2023
- 2024
- 2025



Notes:
- Weighted average Pavement Condition Index(PCI) by length of Local Roads = 75.78 (2020)
- Weighted average Pavement Condition Index (PCI) by length of Collectors and above roads = 71.71 (2020)

5 YEAR RECONSTRUCTION PLAN



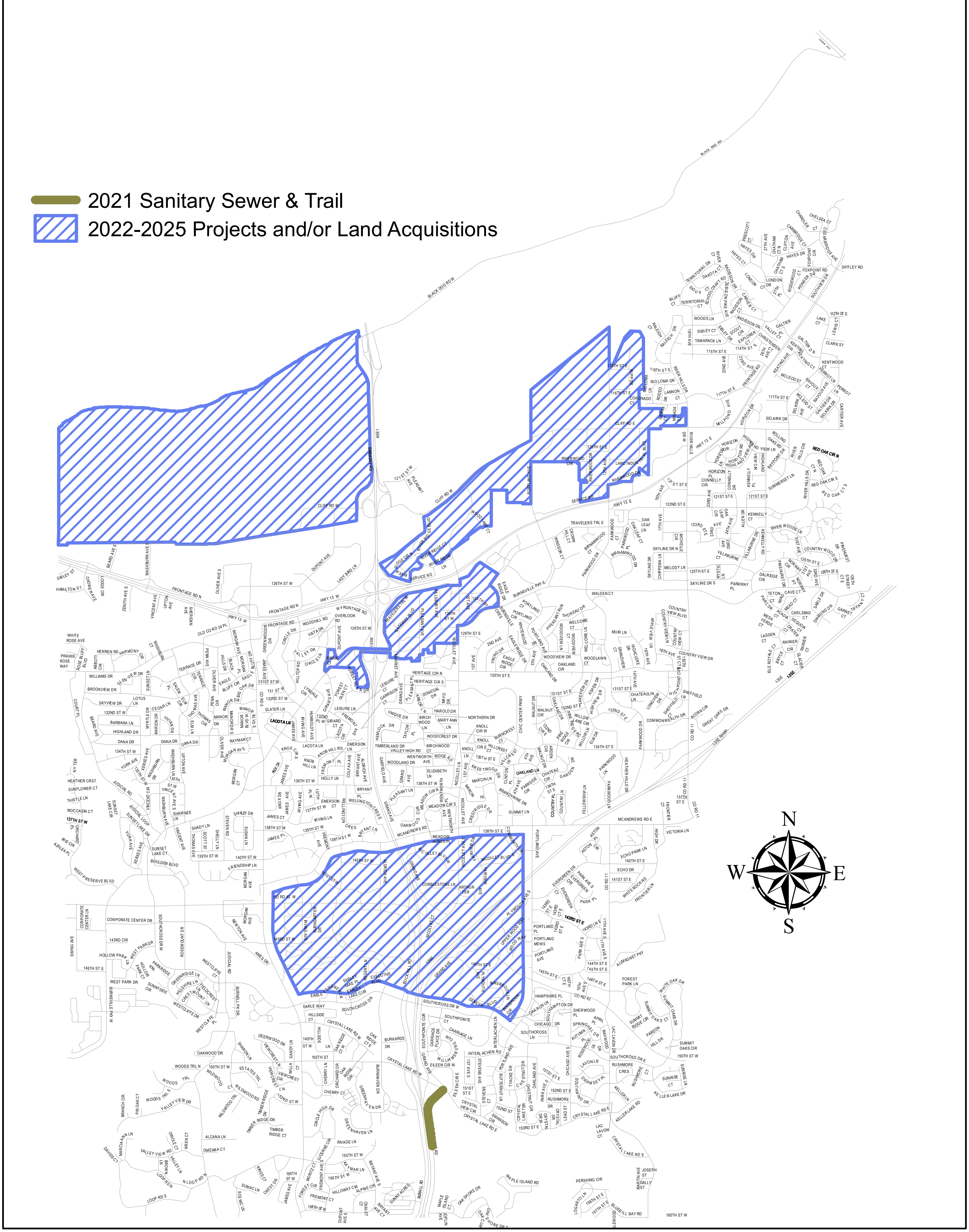
Year

- 2021
- 2022
- 2023
- 2024
- 2025

Notes:

- Weighted average Pavement Condition Index(PCI) by length of Local Roads = 75.78 (2020)
- Weighted average Pavement Condition Index (PCI) by length of Collectors and above roads = 71.71 (2020)

5 YEAR HOST COMMUNITY GRANT PLAN



Date Saved: 2/5/2021 5:36:27 AM

Path: M:\Users\Departments\Engineering\Pavement GIS\2020\5year_HOST_2020.mxd

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Special Revenue Fund						
Cable Franchise Fee Fund						
BCTV Equipment		50,000				*50,000*
Computer Equipment - PC	9,000	2,500		4,500		*16,000*
Studio / Mobile Truck Upgrades		20,000	20,000	20,000	25,000	*85,000*
HD Studio Camera	80,000					*80,000*
Video Archival	20,000					*20,000*
Nicollet Avenue Readerboard			30,000			*30,000*
Computer Equipment	6,000					*6,000*
Council Chambers Equipment Updates			20,000			*20,000*
Studio Lighting Replacement	20,000					*20,000*
Computer Equipment - Council Chambers	4,000					*4,000*
Category Sub-Total	139,000	72,500	70,000	24,500	25,000	*331,000*
Forestry Fund						
Grapple Bucket	60,000				32,000	*92,000*
Category Sub-Total	60,000	—	—	—	32,000	*92,000*
Special Revenue Funds Total:	**199,000**	**72,500**	**70,000**	**24,500**	**57,000**	***423,000***
GRAND TOTAL	**199,000**	**72,500**	**70,000**	**24,500**	**57,000**	***423,000***

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Parks Capital Fund						
Park Renovation						
General Park Renovation/Amenities	25,000	25,000	25,000	25,000	25,000	125,000
Borders	13,132	16,154	37,692	21,538	10,769	99,285
Fencing		96,086	233,621	332,321		662,028
Hockey Rinks	76,875	76,875	76,875	76,875	76,875	384,375
Irrigation System		123,000				123,000
Lighting Systems		101,145	169,073	99,790	81,080	451,088
Play Equipment	85,845	226,751	331,814	331,814	158,303	1,134,527
Resurface Park Trails		620,612	145,208	243,542	370,299	1,379,661
Structures & Buildings	1,090,000	107,957	139,212	30,000	67,000	1,434,169
Tennis Court Resurfacing	400,000	50,000		62,500	75,000	587,500
Bleacher Replacement - Annual	15,000	15,000	15,000	15,000	15,000	75,000
Frameworks - Parks Master Plan	34,250	80,000	14,000	84,000	20,000	232,250
Bleacher Replacement - Complex					30,000	30,000
Park Renovation Total	1,740,102	1,538,580	1,187,495	1,322,380	929,326	6,717,883
Bituminous Surfaces						
Bituminous/Concrete Surfaces		144,217	768,632	132,140	787,657	1,832,646
Park Improvements						
Basic Park Amenities	20,000	20,000	20,000	20,000	20,000	100,000
Crystal Beach Play Equipment		256,250				256,250
Crystal West Lighting System - Boat Ramp Parking Lot		37,421				37,421
Tennisioux - Sidewalk		21,538				21,538
Terrace Oaks West - Remodel Concession Stand Area	50,000					50,000
Kelleher Trailhead Building		1,500,000				1,500,000
Park Improvements Total	70,000	1,835,209	20,000	20,000	20,000	1,965,209
Technology / Security						
Neill Park Security Improvements	52,155					52,155
Terrace Oaks Security Improvements	17,385					17,385
Fiber in Parks	60,000	60,000	60,000	60,000	60,000	300,000
Technology End Points for Parks	30,000	30,000	30,000	30,000	30,000	150,000
Technology/Security Total	159,540	90,000	90,000	90,000	90,000	519,540
Trail System Development - City Funded						
Day Park - New Entrance				50,000		50,000
Crystal Lake West Park Trail	400,000					400,000
Regional Trail Expansion and Improvements			250,000	250,000		500,000
Trail System Development Total	400,000	—	250,000	300,000	—	950,000
Parks Capital Fund Total	**2,369,642**	**3,608,006**	**2,316,127**	**1,864,520**	**1,826,983**	***11,985,278***
GRAND TOTAL	**2,369,642**	**3,608,006**	**2,316,127**	**1,864,520**	**1,826,983**	***11,985,278***

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Equipment & Vehicle Fund						
Equipment						
Fire						
Body Armor	16,000					16,000
Cardiac Arrest Management (Lucas)	48,000	48,000			48,000	144,000
Cardiac Monitor	90,000	120,000				210,000
Extrication Equipment		38,000		40,000	40,000	118,000
Hose					7,000	7,000
Radio Replacement - 800 MHZ	53,600	53,600	53,600	53,600	53,600	268,000
SCBA Washer		28,000				28,000
Stretchers (Cot & Stair Chair)	21,000		21,000		21,000	63,000
Thermal Imager				15,000	26,000	41,000
SCBA Compressor		60,000	60,000			120,000
Ventilation Fans			11,200			11,200
Stairmill Machine		20,000				20,000
Gear Wash Machine/Dryer		30,000	30,000			60,000
Fire Training Props					25,000	25,000
EMS Simulation Mannequins	20,000					20,000
Blitz Nozzles		10,000				10,000
Cable Weight Machine			16,000			16,000
Elliptical Machine				20,000		20,000
Fire Extinguisher Simulator		16,000				16,000
Gas Monitor Hazmat		18,000				18,000
Station Alerting Replacement					200,000	200,000
Stationary Bikes		10,000				10,000
Stretcher Lift					35,000	35,000
Med Vaults		14,000				14,000
Fire Total	**248,600**	**465,600**	**191,800**	**128,600**	**455,600**	**1,490,200**
Police						
Police Mobile Radios w/ encryption		239,220				239,220
Fuming Hood				16,000		16,000
Radars		10,600		5,300		15,900
Evidence Drying Chamber				20,000		20,000
EAG Helmets			21,600			21,600
Rifles		8,000				8,000
Glue Chamber			15,000			15,000
Alternative Light Source			12,000			12,000
Crime Scanner 3D		75,000				75,000
Warning Sirens	34,000	34,000	34,000	34,000	—	136,000
Police Total	34,000	366,820	82,600	75,300	—	**558,720**

City of Burnsville, Minnesota
Capital Improvements Plan
2021 thru 2025

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Equipment & Vehicle Fund						
Public Works						
Radio Replacement 800 MHZ	15,000	15,000	15,000	15,000	15,000	75,000
Public Works Total	**15,000**	**15,000**	**15,000**	**15,000**	**15,000**	**75,000**
Equipment Subtotal	*297,600*	*847,420*	*289,400*	*218,900*	*470,600*	*2,123,920*
Vehicles						
Community Development						
Vehicle Replacements	96,000	32,500				128,500
Community Development Total	**96,000**	**32,500**	**—**	**—**	**—**	**128,500**
Engineering						
Vehicle Replacements			78,000	37,000	96,000	211,000
Engineering Total	**—**	**—**	**78,000**	**37,000**	**96,000**	**211,000**
Fire						
Ambulances	285,000		305,000		325,000	915,000
Fire Training Captain Vehicle	44,000					44,000
Assistant Fire Chief Vehicle	66,000					66,000
Grass Rig		72,000				72,000
Rescue Pumper			1,073,000			1,073,000
Fire Total	**395,000**	**72,000**	**1,378,000**	**—**	**325,000**	**2,170,000**
Forestry						
Truck (Class 5)			86,000			86,000
Utility Cart	24,000	24,000				48,000
Forestry Total	**24,000**	**24,000**	**86,000**	**—**	**—**	**134,000**
Maintenance Facility						
Tire Recycler				6,000		6,000
Maintenance Facility Total	**—**	**—**	**—**	**6,000**	**—**	**6,000**
Fleet						
Fleet Study	100,000					100,000
Fleet Total	**100,000**	**—**	**—**	**—**	**—**	**100,000**
Parks						
Truck (Class 7)	240,000					240,000
Mower (72")				96,000		96,000
Mower - Walk Behind		9,000				9,000
Power Washer		8,500				8,500
Truck (Class 2B)	44,000				54,000	98,000
Mower (6')	90,000	92,000	94,000			276,000
Truck (Class 4)				90,000		90,000

City of Burnsville, Minnesota

Capital Improvements Plan

2021 thru 2025

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Equipment & Vehicle Fund						
Mowers (16')		124,000		130,000	133,000	387,000
Tractor	18,000					18,000
Utility Carts	84,000	23,000	25,000			132,000
Garbage Truck (Class 5)		125,000				125,000
Skid Loader w/ attachments				97,500		97,500
Trailer	15,500	18,000			7,500	41,000
Parks Total	**491,500**	**399,500**	**119,000**	**413,500**	**194,500**	**1,618,000**
Police						
Patrol Squad Vehicles	300,000	305,000	310,000	285,000	290,000	1,490,000
Admin Vehicle Replacement		37,000		39,000		76,000
Bearcat Armored Vehicle		125,000				125,000
Forensics Truck					88,000	88,000
Mobile Command Center					630,000	630,000
Drug Task Force Vehicle	36,000	37,000				73,000
Investigation Vehicles		37,000		39,000	40,000	116,000
EAG Deployment Vehicle - Van					82,000	82,000
Patrol Transport Vehicle				39,000		39,000
Police Total	**336,000**	**541,000**	**310,000**	**402,000**	**1,130,000**	**2,719,000**
Recreation						
Mini Van		30,000				30,000
Recreation Total	—	**30,000**	—	—	—	**30,000**
Streets						
Patch Box				32,000	45,000	77,000
Mower	12,000					12,000
Flatbed					6,000	6,000
Truck (Class 7)	280,000	290,000	300,000	310,000	660,000	1,840,000
Grader Attachment		25,000				25,000
Loader	266,000				33,000	299,000
Truck (Class 2B)					42,000	42,000
Truck (Class 8)			320,000			320,000
Streets Total	**558,000**	**315,000**	**620,000**	**342,000**	**786,000**	**2,621,000**
Vehicles Subtotal	*2,000,500*	*1,414,000*	*2,591,000*	*1,200,500*	*2,531,500*	*9,737,500*
Equipment & Vehicle Fund Total	**2,298,100**	**2,261,420**	**2,880,400**	**1,419,400**	**3,002,100**	***11,861,420***
GRAND TOTAL	**2,298,100**	**2,261,420**	**2,880,400**	**1,419,400**	**3,002,100**	***11,861,420***

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Facilities Fund						
Deferred Maintenance and Annual Replacement:						
City Hall/Police						
Acoustical ceiling replacement		10,000		10,000		*20,000*
Carpet replacement - Council Chambers	13,000					*13,000*
Gun Range Roof Top Unit & Exhaust Fan				15,000		*15,000*
Chairs - Council Chambers	25,000					*25,000*
Wallpaper City Hall / Police	6,000		6,000		6,000	*18,000*
Irrigation System		40,000				*40,000*
Chiller		100,000				*100,000*
Transfer fan & controls for 3 electric rooms		5,000				*5,000*
Seal Exterior Brick Work & Caulk Joints					16,000	*16,000*
Energy Management System Upgrades		15,000				*15,000*
Gun Range Renovation					400,000	*400,000*
Automatic Floor Scrubber					9,000	*9,000*
Amenities	30,000	30,000	30,000	30,000	30,000	*150,000*
Carpet Replacement - City Hall			53,000	54,000		*107,000*
Space/Facilities Study	50,000					*50,000*
City Hall/Police Total	124,000	200,000	89,000	109,000	461,000	*983,000*
Civic Center City Garage						
Tuck point brick work (20,500 square feet)	307,500					*307,500*
Accoustical Ceiling Tile Replacement	5,000	5,000	5,000	5,000	5,000	*25,000*
Roof Replacement		475,000				*475,000*
Recable Facility			75,000			*75,000*
Seal Exterior Brickwork		8,000				*8,000*
Civic Center City Garage Total	312,500	488,000	80,000	5,000	5,000	*890,500*
Fire Stations						
Garage Door Opener Replacement					6,000	*6,000*
Remodel Public Bathroom/Entry - FS2		10,000				*10,000*
MAN Door Interior & Exterior		21,000				*21,000*
Seal Exterior Brickwork			15,000		15,000	*30,000*
Amenities	20,000	20,000	20,000	20,000	20,000	*100,000*
Signal Receiver	70,000					*70,000*
Paint/Wallpaper	6,000	6,000				*12,000*
Fire Stations Total	96,000	57,000	35,000	20,000	41,000	*249,000*
HOC Parking Deck/Ramp						
Parking Ramp Concrete Sealant	32,500	32,500				*65,000*
Parking Deck Traffic Membrane (recoat or replace)				180,000		*180,000*
Parking Ramp Mechanical Systems		45,000				*45,000*

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Facilities Fund						
Security/Emergency System	20,000				20,000	*40,000*
Parking Deck Relamp				25,000		*25,000*
Parking Deck Concrete Sealant				50,000		*50,000*
Paint and Seal Exterior				80,000		*80,000*
HOC Parking Deck/Ramp Total	52,500	77,500	—	335,000	20,000	*485,000*
IT Technology						
Cooling System - IT Data Center					50,000	*50,000*
IT Technology Total	—	—	—	—	50,000	*50,000*
Parks Facilities and Trail Replacement						
Parks Facilities and Trail Replacement		300,000	300,000	300,000	300,000	*1,200,000*
Red Oak Parking Lot Expansion	300,000					*300,000*
Parks Facilities and Trail Replacement Total	300,000	300,000	300,000	300,000	300,000	*1,500,000*
Maintenance Facility						
Exhaust Fans Roof Top - Phase 1					21,000	*21,000*
Hoist Twin Post Truck Replacement				185,000		*185,000*
Building Automation				155,300		*155,300*
Pressure Washer Replacement	15,000					*15,000*
Salt Shed and Brine Making System Replacement					800,000	*800,000*
Generator Transfer Switch Replacement					20,000	*20,000*
Fuel Tank Sumps and Concrete Replacement	40,000					*40,000*
Carpet Replacement			30,000			*30,000*
Office Renovations		200,000				*200,000*
Air Compressor System Replacement				24,000		*24,000*
Truck Tire Changer			16,298			*16,298*
Paint Walls & Ceilings in High Bay Areas					25,000	*25,000*
Recable Facility		150,000				*150,000*
Roof Membrane Replacement					750,000	*750,000*
Roof Membrane Replacement - Salt & Sand Sheds					30,000	*30,000*
Seal Vehicle Storage Bay Floors					50,000	*50,000*
Door, Frames, Hardware - Phase 1					50,000	*50,000*
Maintenance Facility Total	55,000	350,000	46,298	364,300	1,746,000	*2,561,598*
Ames Center						
Maintenance and Annual Replacement				100,000	100,000	*200,000*
Plaza Concrete Replacement		425,000				*425,000*
Ames Center Total	—	425,000	—	100,000	100,000	*625,000*
Golf Course						
Clubhouse/Irrigation Improvements					200,000	*200,000*
Windows and carpet	20,000		20,000			*40,000*

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Facilities Fund						
Golf Course Total	20,000	—	20,000	—	200,000	*240,000*
Ice Center						
Cooling System					500,000	*500,000*
Evaporative condenser replacement					220,000	*220,000*
Parking Lot		575,000				*575,000*
Flooring replacement		180,000				*180,000*
Locker Room Modifications				200,000		*200,000*
Ice Center Total	—	755,000	—	200,000	720,000	*1,675,000*
Total Deferred Maintenance and Annual Replacement	960,000	2,652,500	570,298	1,433,300	3,643,000	*9,259,098*
Improvements:						
Facilities Plan						
Phase III (Fire Station 2/City Hall)				12,000,000		*12,000,000*
Facilities Plan Total	—	—	—	12,000,000	—	*12,000,000*
Total Improvements	—	—	—	12,000,000	—	*12,000,000*
Facilities Fund Total	**960,000**	**2,652,500**	**570,298**	**13,433,300**	**3,643,000**	***21,259,098***
GRAND TOTAL	**960,000**	**2,652,500**	**570,298**	**13,433,300**	**3,643,000**	***21,259,098***

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
IT Capital Fund						
Community Development						
iPads for Code Enforcement		18,000				*18,000*
Community Development Total	—	18,000	—	—	—	*18,000*
Document Imaging / Management						
EDMS Scanner Additions		3,500		3,500		*7,000*
EDMS Scanner Replacements		7,000		7,000		*14,000*
EDMS Rio Named User License Additions	2,200	2,200	2,200	2,200	2,200	*11,000*
Document Imaging/Management Total	2,200	12,700	2,200	12,700	2,200	*32,000*
ERMS System Development						
ERMS Misc Modules for Adl Dev w/Finance System	8,000	8,000	8,000	8,000	8,000	*40,000*
ERMS System Development Total	8,000	8,000	8,000	8,000	8,000	*40,000*
Fire Computer Equipment						
Axon Fleet2 Camera Systems	1,200					*1,200*
MDC Replacements with Dell Rugged	3,600	54,000	3,600			*61,200*
Mounting Equipment replacements / add	1,600	13,500	1,600	1,600		*18,300*
EMS Tablet Replacements		12,000				*12,000*
Cradlepoint ibr1100 Broadband Mobile Modems	1,800	1,800	1,800	1,800	1,800	*9,000*
TriTech CAD/AVL Monitor Replacements					10,000	*10,000*
CAD Status Monitors		5,000				*5,000*
Fire Computer Equipment Total	22,200	121,300	7,000	3,400	86,800	*240,700*
GIS Equipment & Software:						
GIS Equipment						
Plotter Replacement for City Hall & Maint		25,000				*25,000*
GIS Strategic Plan - GPS/Tablets yr 1	5,000			5,000		*10,000*
GIS Equipment & Software Total:	5,000	25,000	—	5,000	—	*35,000*
IT Infrastructure						
Cisco Switch replacements	10,000	15,000	15,000	250,000	250,000	*540,000*
Data Backup DR Appliance	45,000					*45,000*
Siren Sites - Fiber Ext (INET) & IP conversions		25,000	25,000			*50,000*
APC 10KVM UPS Battery Repl for IT Maint MER	5,000			5,000		*10,000*
Phone System Replacement					100,000	*100,000*
IP Clocks for City Facilities	2,000	2,000	2,000	2,000	2,000	*10,000*
AV Projector Replacement Schedule	25,000	15,000	15,000	15,000	15,000	*85,000*
IT Rack Replacements		3,000			3,000	*6,000*
SAN Node Additions Tier 1 & 2 storage	60,000	55,000	65,000	65,000	65,000	*310,000*
UPS Scheduled Replacements - Ck dates of unit	5,000	5,000	5,000	5,000	5,000	*25,000*
APC 40KVM UPS Battery Repl for IT Maint MER 1			7,000			*7,000*

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
IT Capital Fund						
VM Software Licensing, Addl Horizon & EsXi Hosts	4,000	4,000	4,000	4,000	4,000	*20,000*
Wireless AP replacements/adds	4,000	10,000	10,000	10,000	4,000	*38,000*
Mitel Phone Sys Add-ons phones, handsets, headsets	2,000		2,000			*4,000*
IT Infrastructure Total	162,000	134,000	150,000	356,000	448,000	*1,250,000*
Mobile Command IT Equipment						
Display replacements				3,000		*3,000*
UPS Replacements		2,500			2,500	*5,000*
5G Modem Implementation			3,000			*3,000*
TV/Monitor replacements	4,000					*4,000*
Router/Firewall Replacement				3,000		*3,000*
Laptop replacements (4)			12,500			*12,500*
Mobile Cameras		13,000				*13,000*
Server Replacement					6,000	*6,000*
Mobile Command IT Equipment Total	4,000	15,500	15,500	6,000	8,500	*49,500*
PC Computers						
PC Replacements - VDI Thin Clients - General	44,000	44,000	22,000	44,000	44,000	*198,000*
Server Replacements	85,000	45,000				*130,000*
Printer Replacements	1,400	1,400	1,400	1,400	1,400	*7,000*
Tablet/smartphones Replacements	5,000	5,000	5,500	5,500		*21,000*
Shared laptop replacements	5,400	5,400	5,400	5,400	5,400	*27,000*
Mobile device replacements/additions for Streets		10,500		3,500		*14,000*
Mobile device replacements/additions for Engineering			21,000	3,500		*24,500*
Mobile device replacements/additions for Parks Staff		45,000		3,500		*48,500*
Mobile device replacements/additions for Forestry staff			14,000	3,500		*17,500*
Mounting Options		12,000	8,000	5,000	5,000	*30,000*
Monitor Replacements-additions	6,625	6,625	6,625	6,625	6,625	*33,125*
iPads for City Council				15,000		*15,000*
Laptops for City Engineers	7,500				7,000	*14,500*
PC Replacements - VDI Thin Clients - Police			72,000			*72,000*
PC Computers Total	154,925	174,925	155,925	96,925	69,425	*652,125*
Police Computer						
MDC Replacements - Dell Rugged	3,800	3,800	114,000	3,800	3,800	*129,200*
MDC Mounting Equipment Replacements	1,800	1,800	23,400	1,800	1,800	*30,600*
Cradlepoint ibr1100 broadband mobile modems	1,400	1,400	1,400	1,400	1,400	*7,000*
Pentex PocketJet 6 mobile printer replacements	700	700	21,000	700	700	*23,800*
CAD/AVL AV Displays	10,000					*10,000*
Forensics Recovery of Evidence Device (FRED)			6,500			*6,500*
Axon Fleet2 Camera Systems	1,200					*1,200*
APS Citation Licenses	2,000					*2,000*
Police Computer Total	20,900	7,700	166,300	7,700	7,700	*210,300*

PROJECTS BY CATEGORY AND DEPARTMENT

Department

Category	2021	2022	2023	2024	2025	Total
IT Capital Fund						
Recreation Software						
POS replacements/additions		3,000			21,000	*24,000*
ID Badge printer replacements/additions			2,000		4,000	*6,000*
Recreation Software Total	—	3,000	2,000	—	25,000	*30,000*
Security Systems						
Security Camera replacements		5,000		5,000		*10,000*
Security Camera replacements - Golf/GARAGE	26,000					*26,000*
Security Camera replacements - City Hall			25,000			*25,000*
Security Access Card ID Printer Additions - HR/IT					7,000	*7,000*
Security Camera replacements - IC Parking lot	10,000					*10,000*
Security Camera replacements - BCTV		15,000				*15,000*
Security Camera replacements - FS2		25,000				*25,000*
Security Camera replacements - Parks					25,000	*25,000*
Addl Camera, Prox Readers for Facilities	5,000		5,000		5,000	*15,000*
Security Systems Total	41,000	45,000	30,000	5,000	37,000	*158,000*
Software						
DataCenter EA addition		7,500				*7,500*
Add'l Servers lic & misc software	4,500	4,500	4,500	4,500	4,500	*22,500*
Adobe Acrobat Pro additional license		2,500		2,500		*5,000*
MS SA for SQL, Srv, per core,			4,500			*4,500*
Software Total	4,500	14,500	9,000	7,000	4,500	*39,500*
IT Capital Fund Total	**424,725**	**579,625**	**545,925**	**507,725**	**697,125**	**2,755,125**
GRAND TOTAL	**424,725**	**579,625**	**545,925**	**507,725**	**697,125**	**2,755,125**

PROJECTS BY CATEGORY AND DEPARTMENT

Department Category	2021	2022	2023	2024	2025	Total
Enterprise Funds						
Ames Center						
Building improvements	212,892	50,000	500,000	210,000	40,000	*1,012,892*
Building equipment	172,000	150,971	—	119,558	313,592	*756,121*
Ames Center Total	384,892	200,971	500,000	329,558	353,592	*1,769,013*
Golf Course						
Rotary deck mower		35,000				*35,000*
Utility cart		24,000	22,000			*46,000*
Reel mower	35,000					*35,000*
Blower				12,000		*12,000*
Greens mower					40,000	*40,000*
Turf truckster			10,000			*10,000*
Golf Course Total	35,000	59,000	32,000	24,000	40,000	*190,000*
Ice Center						
Bleacher replacement	95,000					*95,000*
Electrical Test Inspection - Arc Flash Program	18,000					*18,000*
LED Lighting replacement - all rinks		110,000				*110,000*
Heating system for Rink 2		42,000				*42,000*
Desicant Dehumidification wheels for units DH & ER			90,000			*90,000*
Door replacement - Rink 2			25,000			*25,000*
Ice surfacer			165,000	167,000		*332,000*
Evaporative condenser replacement					—	*—*
Hot water heater					25,000	*25,000*
Ice Center Total	113,000	152,000	280,000	167,000	25,000	*737,000*
Storm Water Management						
Street Projects & Rehab	850,000	857,000	960,000	913,000	1,022,000	*4,602,000*
Storm Water Managment	1,905,000	2,001,000	1,385,000	2,117,000	1,310,000	*8,718,000*
Storm Water Capital Projects	350,000	41,000	147,000	30,000	98,000	*666,000*
Storm Water Management Total	3,105,000	2,899,000	2,492,000	3,060,000	2,430,000	*13,986,000*
Street Lighting						
Public works projects - street lighting	170,000	170,000	170,000	170,000	170,000	*850,000*
Street Lighting Total	170,000	170,000	170,000	170,000	170,000	*850,000*
Water & Sewer						
Water & Sewer System Mgmt	1,260,000	2,684,500	2,580,000	997,500	3,627,000	*11,149,000*
Street Projects & Rehab	2,204,000	1,153,000	3,274,000	3,202,000	1,456,000	*11,289,000*
GWTP/SWTP	50,000	215,000			235,000	*500,000*
W&S Capital Projects	359,000	20,000	242,000	63,000	222,000	*906,000*
Water & Sewer Total	3,873,000	4,072,500	6,096,000	4,262,500	5,540,000	*23,844,000*
Enterprise Funds Total	**7,680,892**	**7,553,471**	**9,570,000**	**8,013,058**	**8,558,592**	***41,376,013***
GRAND TOTAL	**7,680,892**	**7,553,471**	**9,570,000**	**8,013,058**	**8,558,592**	***41,376,013***

City of Burnsville, Minnesota

Capital Improvements Plan

2021 thru 2025

NARRATIVE

GENERAL FUND

I-35W/Burnsville Parkway Aesthetics Renovations - In the early 2000s the City worked with the Minnesota Department of Transportation (MnDOT) to place aesthetic features on the Burnsville Parkway and TH-13 bridges over I-35W. The City has completed repairs to the lighting system on the Burnsville Parkway bridge and removed the lighting from the TH-13 bridge. Items needing further renovation include the arches and the decorative elements such as the bull horns and wrought iron elements. MnDOT is planning to replace the Burnsville Parkway bridge over I-35W in 2025. The City's aesthetic elements should be completed simultaneously to reduce the cost and impact to users. Council has discussed removing the elements from the TH-13 bridge instead of renovating them when they become too worn or a safety hazard.

City Entry Monument Signs - In the past, MnDOT has had restrictions to placing City entrance monuments within MnDOT's right-of-way on interstate highways. Recently, those restrictions have loosened and the City will likely be permitted to place additional monument signs at City interstate entrances, similar to the one placed on either end of TH-13. Future locations include the city entrances at I-35 Northbound, I-35E Southbound, I-35W Southbound, and either end of County Road 42. Two signs are planned for 2023, two in 2024, and one in 2025.

COLLECTOR & THOROUGHFARE

Cliff Road Trail Extension - This federal aid project will construct a trail on the north side of Cliff Road between TH-13 and Cinnamon Ridge Trail in Eagan. This project will provide a key pedestrian and bikeway for residents east of TH-13 to the MVTA bus stop at TH-13/Cliff Road and will complete another trail connection for the City. Design is underway and the anticipated construction year is 2021.

Cliff Road Interchange Freight Improvements - This project is for the realignment of the western loop of the interchange at Cliff Road and TH-13. The improvements include a roundabout and a new street connection running through the southern area of the old Knox Lumber site. This project is eligible for a 20% match under the Minnesota Highway Freight Program. The remainder of the project costs will be shared between the City, Dakota County, and State of Minnesota Host Community Landfill Grant program. Design is underway and construction is anticipated in 2021 or 2022.

Lac Lavon Speed Sign Replacements - There are two radar speed signs on Lac Lavon Drive that have aged and need to be replaced. The speed signs are planned for replacement in 2021.

Pedestrian Bridge at Nicollet Avenue and TH-13 - MnDOT initiated a study of the TH-13 corridor between TH-169 in Savage to Nicollet Avenue in Burnsville. The study will provide potential layouts for the intersection of TH-13 and Nicollet Avenue. A placeholder has been kept in the CIP for the installation of a grade separated pedestrian crossing of TH-13 at Nicollet Avenue assuming a successful grant application in the next regional solicitation. The next application year is 2022 for construction in 2024/2025. Depending on the outcome of MnDOT's TH-13 corridor study, this project may change. Minnesota Valley Transit Authority (MVTA), Dakota County, and Metro Transit have all expressed interest in improving pedestrian mobility across TH-13 along Nicollet Avenue.

Street Trail Rehabilitation - The City has several miles of trails adjacent to county highways that the City is responsible for maintaining. Dakota County assists in rehabilitation/replacement of these trails when they have come to the end of their useful life. This project funds the City's portion of these trail rehabilitation/replacement projects.

County Overlays - When Dakota County resurfaces its roadways it is the best time for the City to improve its utility structures on those roadways. Therefore, the City budgets an allotment of money to pay for repairing and improving its utility structures so it can react when Dakota County chooses to resurface a county road in Burnsville. Dakota County has indicated they will not complete an overlay in 2021, as they plan to complete the CSAH 42 Mill and Overlay project from Burnsville's western border to CSAH 11, in which an allotment has been carried forward from 2019 to contribute to utility repairs and improvements. The City does not pay for any of the street improvements.

INTERSECTIONS

City Signal Replacement - This project budgets and plans for future traffic signal improvements throughout the City. Currently the City has a total of 21 traffic signal systems. In addition there are 29 Dakota County owned signal systems and 17 State owned signal systems within the City.

County Signal Replacement - This project is for signals owned by Dakota County that are proposed to be replaced. The City will pay for the number of legs or portion of the signal that are located on City roadways. In 2021, Dakota County will be completing a signal optimization study on McAndrews (CSAH 38) from CSAH 5 east into Apple Valley. The construction of the signal optimization is anticipated in 2022. From 2023 and onward, the City includes funding for a signal replacement, with those locations to be determined through collaboration with Dakota County.

MnDOT Signal Replacement - This project is for signals owned by MnDOT that are proposed to be replaced. The City will pay for their portion of the cost in accordance with the MnDOT cost sharing policy. There are currently no MnDOT signals programmed for replacement in the next five years.

County Road 11/Burnsville Parkway - Dakota County submitted a regional solicitation application for Federal grant funding to replace this signalized intersection with a roundabout. A roundabout will improve traffic flow and safety. Should the Federal funding application be successful, this project will be designed in 2022, right-of-way obtained in 2023, and construction occur in 2024.

SANITARY SEWER SYSTEM

Lift Station Rehabilitation - This program includes projects to rehabilitate the 13 sanitary sewer lift stations (LS) and installation of emergency generators when necessary. The intent of this program is to reduce the number of emergency failures and backups within the sewer system. The City continues on with this program as laid out in our Sanitary Sewer LS Condition Assessment. Blue Bill Bay and Crystal Lake lift stations are planned to rehabilitated in 2021.

Sanitary Sewer Rehabilitation - This program is to rehabilitate sanitary sewer lines in known trouble areas and areas in which root intrusion causes extensive maintenance and backups. Similar work is done within street project areas and this program funds work within areas not scheduled for a street project in the near future or more extensive work within the street project areas. The program goal is to rehabilitated 1% of our gravity system per year..

STORM WATER MANAGEMENT

Minor Drainage Improvements - Each year the City works in various areas of the City to improve smaller local drainage issues, both in the public right-of-way and on City owned property. The City does work to assist private property owners improve private drainage nuisances or installation of drain tiles on private property by making public drainage systems accessible when reasonable. The City also works to complete drainage improvements on private property when surface water runoff has entered a primary structure. The City also owns a significant amount of corrugated metal pipe storm sewers. This type of pipe is subject to rusting which provides holes for sediment to get into the storm system. This results in downstream soil deposits and sink holes or other soil loss in the area of the hole. This project will allow for televising the condition of these pipes and then rehabilitating them by replacement or interior lining.

Pond Clean Out/Outfall Improvement Program - The program is for removal of sediment that has accumulated in ponds and for maintenance of pond outfall structures.

Lift Station Rehabilitation - Routinely the City schedules lift station improvements as a preventative maintenance program. This includes repair or replacement of the lift station and installation of an emergency generator when necessary. The City continues with this program as laid out in our Storm Sewer Lift Station Condition Assessment.

WRMP Update -The Water Resources Management Plan (WRMP) guides and helps plan for water resources management activities within the City. The WRMP is required to be updated periodically and approved by the applicable watersheds and the Metropolitan Council. With changes in watershed district rules and an upcoming update to the MS4 permit, the City plans to complete a major update in 2021 that might continue into 2022.

Wood Pond Storm Filter Maintenance - This maintenance activity consists of replacing filter cartridges and cleaning out the structure at Wood Pond every other year.

Minnesota River Quadrant (MRQ) Storm Water and Floodplain Study and Report - This study will analyze the overall storm water management system needs for the MRQ to accommodate future development. The report will guide the review of future developments in the MRQ to optimize the location of future stormwater management facilities.

Ravine Restoration and Slope Stabilization - The City has several steep ravines that are in various states of erosion. This project will target which ravines are most in need of maintenance and then fund their repair preventing loss of soils, retaining property values, and reducing offsite deposit of these soils.

Street Project Storm Sewer Televising - The City televises its storm sewer pipes in the following year's street improvement areas to understand if these pipes are failing or if there are any obstructions in them. If issues are discovered, improvements are included in the construction plans.

Contract Patching - Each year there are several drainage structures in Burnsville that need repair that aren't in the street reconstruction or rehabilitation project. These structures are repaired with this project.

Maintenance Facility Treatment Structure - This maintenance activity consists of replacing the EcoStorm Plus Filter for the Maintenance Facility stormwater treatment structure.

Resiliency and Water Quality Improvements - This project is to provide improvements for the highest risk systems identified through the resiliency assessment of major drainage systems. In addition, due to ongoing and ever increasing regulations for stormwater quality, it is likely that improvements to ponds or other stormwater improvements will be necessary.

Trout Stream #4 Restoration Development Cost Sharing - The MnDNR and MN Trout Unlimited are considering rehabilitating a trout stream near the Cedarbridge area in an existing stream. The City may need to make storm sewer and drainage improvements in the existing system to help the stream become a viable trout habitat. This project is not being lead by the City but may include some improvements to the City's drainage system or other cost sharing on the project.

Alum Treatment - The Alum Treatment is a project involving the treatment of the bottom of ponds with Aluminum Sulfate (Alum). The alum ties up the phosphorous in the pond sediment and prevents it from releasing into the water column thereby reducing algae growth. It is anticipate this project will be completed every five years.

Kraemer Mining and Materials Levee Inspection and Report - This project includes inspecting the levee located at Kraemer Mining and Materials and summarizing the findings in a report. This report will help the City evaluate if any improvements are needed to the levee.

Park Drainage Study and Improvements - This project is for drainage improvements within city parks. The scope of improvements will be determined by a Park Drainage Improvement Study to be completed the year before improvements are proposed.

Boulevard Tree Maintenance - Trees along city streets provide many benefits and one of the benefits of trees is in storm water management. Trees improve water quality by intercepting and holding rain on leaves, branches and bark; storing rainwater in their roots; and reducing soil erosion by slowing rainfall before it strikes the ground. However, when trees are not maintained properly, they are more susceptible to diseases and wind damage, which can leave tree branches and debris within the city streets which eventually lead to the storm sewer system. This annual project, which is funded 65% from the Forestry Operating Budget and 35% from the Storm Utility, will allow the city to trim approximately one-tenth of the city's boulevard trees each year, with the ultimate goal of getting to each tree every ten years.

Keller Lake Stormwater Quality Improvements - This maintenance activity consists of inspecting the main vault of the structure every five years and removing sediment and debris at least every ten years from the main vault at Keller Lake.

Deeg Pond Filter Media Replacement - This maintenance activity consists of replacing the filter at Deeg Pond every five years.

Crystal Lake Shoreline Restoration - This project will stabilize park shoreland areas along Crystal Lake in between the Crystal Lake boat launch and Tyacke Park. Sections of the shoreline in this area are experiencing moderate erosion issues due to wave and ice action, as well as foot traffic from park users. The work will involve the removal of invasive plant species, installation of erosion control products, and planting native vegetation to stabilize the shoreline area.

Natural Resources Management Plan Update - The Natural Resources Master Plan, originally adopted in 1999, was last updated in 2007. Utilizing city staff and a consultant, the Natural Resources Department will review progress to date on Natural Resources Master Plan objectives. The update will also revisit and modify plan goals as needed to align the plan with the current research, trends, and best management practices that have been developed since the plan was last updated. It is anticipated that this update will occur in 2021.

Fire Station Water Reuse System - This project involves harvesting runoff from the new Fire Station 1 building into an underground tank and using it to operate the site's irrigation system. This project helps meet the City's sustainability goals by reusing this water instead of directing it through the storm sewers. The project also includes an innovative drip irrigation system for the turf instead of the typical above ground spray head method. The drip system is much more water sustainable than traditional methods of irrigation. This stormwater utility project funding is meant to pay the additional cost beyond what a traditional stormwater management system would cost for the Fire Station 1 project. This project will allow the City to continue it's tradition of implementing innovative sustainability measures into various sites owned and operated by the City. This work is anticipated to be done in 2021.

LOCAL STREETS

Street Improvement Program - The City's annual street improvement program includes three construction techniques described below. A copy of the City's 2021-2025 Street Improvement Program map is included in the Maps section of the CIP. Selection of street segments is based upon the City's Pavement Management Program and Engineering and Maintenance staff recommendations. Funding for the annual program is based upon the Special Assessment Policy and assumes that up to 40% of the street costs will be assessed to benefiting properties. The remainder of the project costs are paid by other funds.

- ***Rehabilitation*** - This street improvement construction method consists of milling and overlaying selected streets. Spot replacement of curb and gutter and sidewalk is performed and minor utility repair/ replacement is also completed with these projects. Streets typically rehabilitated are in excess of 20 years old and rehabilitating these streets helps avoid total reconstruction for another 15 years.

- ***Reclamation*** - This street improvement construction method consists of replacing the base and pavement of the roadway. Spot replacement of curb and gutter and sidewalk is performed and minor utility repair/ replacement is also completed with these projects. Streets typically reclaimed are in excess of 30 years old and do not require full watermain replacement with the project.

- ***Reconstruction*** - This street improvement construction method consists of replacing the base and pavement of the roadway and full replacement of concrete curb and gutter. Spot replacement of sidewalk is performed. The watermain is typically replaced under the street and other minor utility repair/ replacement is also completed with these projects. Streets typically reconstructed are in excess of 30 years old and generally require full watermain replacement with the project.

Street Light Replacement - This project will replace existing street lights. The lights to be replaced will be identified annually by the Engineering Division. Many of the lights replaced are located in the current year's street reconstruction and rehabilitation program areas. When possible, streetlights will be replaced with energy-efficient Light Emitting Diode (LED) streetlights. The funding for street light replacements is from the Street Lighting Enterprise Fund.

Maintenance Overlays - This project includes a mill and overlay on residential streets that were reconstructed 20 to 30 years ago to extend the service life of the pavement to 40 years or more. The funding for this project is not expected to include special assessments.

Concrete Element Improvements and Retaining Walls - The City owns many assets in the right of way made out of concrete that are not addressed for maintenance in other ways. The primary needs are concrete intersections, sidewalk replacement and accessibility improvements, and retaining wall repairs and replacements. These projects are proposed every four to five years to keep these elements maintained.

Multi-Modal Transportation - This bi-annual project addresses needs in the transportation system that provide other options to transportation stakeholders such as pedestrians, bicyclists, and transit users. The funding amount does not allow for a major improvement to be made, but allows for localized improvements to be made or studies to be performed that will assist these alternate transportation users. In 2021, a multi-modal and complete streets study will be completed.

Host Landfill Grant Projects - The State of Minnesota, through the Department of Employment and Economic Development, has created a grant program specifically for metro cities that currently host active landfills. There is no guarantee that this program will be continued each year, but the City will continue to apply for these grants each year as long as the funding is available. The City is eligible for approximately $415,000 annually through this grant process if the specified project meets certain job creation goals. The City has identified projects that are good candidates for this grant.

Southwest Burnsville Street Improvements - These projects include street improvements to local streets in southwest Burnsville that were paved in the 1990s, mostly without curb and gutter. Funding for the projects is based upon the Southwest Burnsville Policy and assumes that 40% of the street costs will be assessed to benefiting properties. The remainder of the project costs are paid by other funds.

WATER SYSTEM

Distribution System Rehabilitation & Replacement - As the street reconstruction program moves to streets with ductile iron water and watermains that test in sound structure condition, this program identifies funding to rehabilitate or replace other watermains so that the City's annual replacement stays at or near 1% per year. The 2021 allocation is going to the street maintenance overlay program to fund watermain replacement in those areas that were passed over for watermain replacement when they were originally reconstructed in the mid 1990's.

Water Production Rehabilitation - This is a preventative maintenance program for the City's water production infrastructure. This involves rotating evaluation and rehabilitation projects of the City's 17 groundwater wells and 2 surface water pumps including the pumps, motors, well cavities, well piping and valves, well houses and power systems. Annually projects are bid in order to get to every well a minimum of once every ten years. One well is planned to be rehabbed 2021.

Transmission & Storage Rehabilitation - This program identifies rehabilitation projects for the City's water transmission and storage infrastructure. This includes rehabilitation projects for the City's 10 High Service Pumps (HSP), the 7-mg clear well at the Water Treatment Plant (WTP), two underground reservoirs, three towers and the Pressure Reducing Valve (PRV) stations that reduce the water pressure from the towers and pumps as the water goes into the distribution system.

Water Treatment Repairs & Rehabilitation - This program area includes repairs and rehabilitation projects within the Ground Water Treatment Plant (GWTP) and Surface Water Treatment Plant (SWTP). The 2021 allocation is for rehabilitation of the Powder Activated Carbon building for the SWTP.

Street Repairs of Water Main Breaks & Contract Patching - This project is to repair the streets sections that need to be removed and replaced to repair a water main segment that breaks. This project also is to improve street areas that have become in disrepair because of a utility element that is located in the road such as gate valves and manholes.

PARKS

Park Improvements - Park improvements are the significant upgrading or the addition of new facilities to the park system. This includes items such as adding a building, shelter, trails not associated with an existing amenity, new parking lots, lighting and periodically creating planning documents. Projects in this category for 2021 include:

- General amenities - adding of park benches, bleachers, and small recreational equipment to existing parks
- Parking lot expansion at Red Oak to accommodate an increase in park visits related to recent park improvements (pickleball courts, inclusive playground)
- Play equipment replacement at Crystal Beach Park
- Fiber and technology - adding end points, security and fiber in community parks
- Remodel portion of Terrace Oaks West to better accommodate community rental needs
- Park Master Planning for various community parks including trail head needs at Kelleher Park and the Lake Marion Greenway.

Park Renovation - Park renovation is the repair or replacement of existing elements and facilities within the park system. This includes things such as fencing, backstops, athletic field lighting, hockey rinks, play equipment, bituminous surfaces, tennis courts and building renovations. The highest priority for park capital funding is maintaining the City's current park system. Projects in this category for 2021 include:

- General amenities - replacement of various benches, grills, picnic tables, refuse receptacles, etc.
- Bituminous parking lot, basketball courts and internal park trails at various parks
- Tennis court crack repair at Neill and Terrace Oaks East park
- Annual allocation to bleacher replacement
- Hockey rink board replacement
- Automate lighting systems at Neill and Sue Fisher Parks and replace the parking lot lights at North River Hills
- Replacement of various concrete around park buildings and facilities
- Replace play equipment at Colonial Park
- Remove Alimagnet house
- Frameworks plan to work with community to remove or relocate existing amenities that are under used to reduce long term capital expenses and ongoing maintenance load

Trail System Development - These funds are for the development of new multi-modal trails outside the park system and trails that connect the park system to these regional trail systems. The priorities for this element are established by the City's Trail Master Plan. Projects in this category for include:

- Funding for construction of a trail in Crystal Lake West Park that is tied to the development adjacent to the park.

FACILITIES

Facilities Improvements - These funds are for the repair, replacement or improvement of existing elements at City/Hall Police, Civic Center Garage, Fire Station #1, Fire Station #2, Maintenance Facility, Parking Lots and Parking Decks and Ramps.

- **Facilities Study -** This study will be an update to the 2015 Facilities study and will include City Hall, Fire Station 2, the Maintenance Facility and the City Garage.
- **City Hall/Police** - Projects for this facility include the replacement of sections of acoustical ceiling tile, wall paper and staff work space remodel and relocations.
- **City Garage** - This facility will receive scheduled tuck point brick work on the 20,500 square foot building.
- **Fire Station 2** - Projects for this facility include the replacement of sections of acoustical ceiling tile, wall paper, paint and general facility upkeep.
- **Maintenance Facility** - This facility will receive a replacement of fuel tank sumps and pressure washers
- **HOC Parking Deck/Ramps -** This project will involve concrete sealant in the ramp and a renovation of the security/emergency systems.
- **Ice Center** - This project will include the replacement of the rubber flooring in portions of the arena.
- **Golf Course** - This facility will receive window and carpet replacements.
- **Parking Lots** - The Golf course parking lot will be replaced in 2020.

INFORMATION TECHNOLOGY

- **PC Computers, laptops, and Servers replacements** - This annual project replaces desktops, laptops, and tablet equipment throughout departments on a scheduled and staggered basis. Currently there are several hundred devices that are replaced over four to five years. Staff are researching changes to this approach with the possibility of a one-time lease replacement program every four to five years to reduce staff time and to improve compatibility of products across all departments. Server hardware infrastructure is replaced every four to five years. Due to COVID-19 our mobile computer laptops for training/Emergency Operations Center lab was deferred to 2021.

- **Police Systems** - These items represent projects which replace various Police specific equipment on a scheduled basis. New on officer body worn cameras (BWC) and Taser conducted electrical devices (CED) were deployed to Police staff in early 2020 and became an operating expense utilizing a five-year subscription plan with AXON. Due to COVID-19 some 2020 projects were deferred to 2021, these include the replacement of secure mobile data communications modem equipment in all squad cars and in vehicle camera systems. The next scheduled replacement for Mobile Data Computers for Police vehicles is 2023, but is currently being considered for early replacement as part of an comprehensive staff device replacement project in 2021.

- **Fire Department Systems** - These projects, represent new and replacement of various Fire IT systems and equipment on a scheduled basis. Implementation of new body cameras for Fire inspections, investigations and Incident Command occurred in 2020, similar to Police, this item is now a five year subscription service plan moved into the operating budget. Due to COVID-19 some 2020 projects were deferred to 2021, these include the replacement of secure mobile data communications modem equipment in all Fire Vehicles and the addition of in vehicle camera systems. The next scheduled replacement for Mobile Data Computers for the Fire vehicles is 2022, but is currently being considered for early replacement as part of a comprehensive staff device replacement project in 2021. The new Fire Station 1 construction project also includes a significant amount of new technology which is included in the facility construction budget, but the IT CIP also includes technology replacements for Fire Station 2 in 2021.

- **Document Imaging and Management –** These initiatives continue to expand the electronic document management system (EDMS) throughout the organization and replaces existing scanner workstations on a scheduled basis. Document imaging includes upgrades to take full advantage of functionality and continued integration with multiple city systems. The City received a "Run Smarter" National award for an Elections Judge hiring workflow improvement project in 2019. Integration of electronic documents with other City systems continue.

- **IT Infrastructure** - This addresses core network capacity and functions for 70 city facilities with rotating replacement over five to seven years, annual network storage additions and replacements, modifications and enhancements to the phone system as well as audio/visual replacements and enhancements for conference rooms. Projects in 2021 include continued transition to hosted cloud storage for data backups, local data storage replacements and audio visual improvements for various conference rooms to accommodate remote work and meetings. Significant network infrastructure upgrade/replacements are expected in 2024.

- **Community Development –** In 2020 staff began the process of reviewing new cloud hosted Community Development Software Platforms for implementation in 2021. Funding of a hosted subscription model is identified in the 2021-2025 IT operating budget and has been moved out of the Capital improvements Plan. A new cloud hosted solution will include a integrated suite of Planning, Permitting, Inspections, Code Enforcement, Licensing, field based mobile applications and community engagement portal for applications, payments and data analytics.

- **Security Systems** - This addresses physical security systems for City assets, facilities and public areas through the use of cameras, door access controls and supporting systems. Continued improvements and additions in 2021 include: replacement of cameras at the HOC Deck, Birnamwood Golf Course buildings, the GARAGE and Ice Center parking lot to address security, camera quality and reliability. New projects in 2021 - 2025 include continued security camera additions and scheduled replacements throughout other locations.

- **Software** - This is an ongoing program for server licenses and license use renewals. Projects in 2021 include migrating additional on-premise servers to hosted Government Cloud environments and the renewal of a three-year Microsoft Enterprise Agreement for hosted Office 365 for government environment services. Microsoft software enterprise agreement contract review and renewal will take place in late 2021 for an additional three-year term for 2022-2025. This item was moved from Capital improvements to an operating expense.

- **ERP System Development (Enterprise Resource Planning system)** - This is an ongoing program to develop, enhance and improve interfaces and data exchanges between city systems. This includes document management access to payroll files, accounts payable and utility reports as well as data integration with the community development system for account balances and payment history. In 2021 a continued focus on implementing an integrated HR employee on boarding and off boarding solution along with new dash-boarding of data analytics for staff easy access to department financial data.

- **GIS Software –** COVID-19 delayed the process of updating the 2016 GIS strategic plan. The update will be completed for implementation in 2021-2026. The city continues to move forward with GIS strategic initiatives that require continued development and use of GIS software and integrations with existing GIS centric city systems like: Public Safety, Community Development, Asset Management, Utility Billing and others. A recent 2019 initiative called "Datalink" is 100% developed and is currently being utilized by staff. The addition of a new GIS Coordinator position in late 2018 enabled the City to design, implement and leverage a new hybrid in-house and cloud hosted GIS platform. No significant GIS CIP items are needed in 2021 with the new hybrid platform. The annual capital expense for licensing was moved to the IT Operating Budget.

- **GIS Equipment** - The implementation of tools for GIS data collection field work in 2021 and City Hall and Maintenance Center large format plotter replacements in 2022

- **Recreation Management System (RMS**)- staff continue to utilize the RMS system for Recreation programming, league scheduling, facility scheduling and Point of Sale (POS) concessions at the Ice Center, Crystal Lake, Lac Lavon, and Birnamwood golf course. POS system replacements at Recreation sites were scheduled for 2020, but have been deferred due to COVID-19 to late 2020, early 2021.

- **Parks Capital Funds for IT Projects –**the 2021 Parks Capital fund includes projects for the continued extension of City fiber optic Institutional Network (I-NET) and IT services in several parks including Nicollet Commons, Alimagnet phase II, Neil, Red Oak, Sue Fischer.

EQUIPMENT & VEHICLES

- **Equipment** - This is an ongoing program area to cover the acquisition and replacement of various capital equipment mostly for public safety. Each specific piece of capital equipment has a life cycle tracked within each department.
- **Vehicles -** Vehicles are replaced according to the current City Vehicle Acquisition and Replacement Policy.

Debt Analysis

Measures for Debt Management

The City funds some of its capital projects by issuing debt. State statute and Council-adopted policies govern how much debt the City may issue, as well as other standards for issuing debt. This section highlights those measures, explains the rationale for them and shows how the City performs against those measures. City Council Policy No. 1.250 establishes the following measures:

Policy: The City will pay back debt within a period not to exceed the expected useful life of the projects, with at least 50% of the principal retired within 2/3 of the term of the bond issue.

- *Current Year - All debt to be issued in 2020 will be structured within the parameters of this policy with a level annual payment schedule matched with projected revenue streams of taxes, special assessments and utility revenues.*
- *2021 Budget Year - All debt proposed for 2021 issuance is planned to have a level annual payment schedule matched with projected revenue streams.*
- *Future Years - All future debt proposed is planned to be structured within the parameters of this policy*

Explanation: Best practices for debt management dictate that the funding for an asset is aligned with the life of that issue. For example, a twenty-year bond should not be issued for a piece of equipment that has a useful life of only ten years. This policy ensures that the expense for an asset is evenly distributed throughout the terms of the bond. The City has always structured the term of bonds to be less than the useful life of the capital projects being financed. Generally, infrastructure improvement bonds have been 15 years or less.

Policy: Total general obligation debt shall not exceed 2% of the total market valuation of taxable property in the City.

	2019 Actual	2020 Estimate	2021 Estimate
G.O. Debt as a % of Total Taxable Market Value	0.4%	0.6%	0.5%

Explanation: The Council's policy is intended to be somewhat more restrictive than State statute, in order to keep the City's debt burden at a manageable level. This measure differentiates between general obligation debt, which commits the full faith and credit of the City, from other types of debt issued by the City, such as revenue bonds. This measurement is more relevant for a city like Burnsville that issues various types of debt, but the taxpayers are not committed to the repayment of all types of debt.

Policy: Direct net debt (gross debt less available debt service funds) shall not exceed 3% of the total market valuation of taxable property in the City.

	2019 Actual	2020 Estimate	2021 Estimate
Net debt as a % of Total Taxable Market Value	0.13%	0.36%	0.33%

Explanation: Minnesota Statutes, section 475.53 limits the debt issued by a municipality to a net debt limit of no more than three percent of the market value of taxable property in the municipality. (School districts and cities of the first class are subject to different limits.) The statute outlines the type of debt that is subject to this limit, which is reported annually in the City's Comprehensive Annual Financial Report. This measure is intended to insure that cities do not issue more debt than the tax base is able to bear. In addition, the limit prevents municipalities from unduly burdening future generations with the costs of capital improvements.

Other types of measures that are used to measure government debt include: debt per capita, debt to personal income, and debt service payments as a percentage of general fund revenues or expenditures. These measures vary in their usefulness depending on the type of the debt issued by the municipality.

The City has levied taxes in the Infrastructure Trust Fund to fund the City contribution toward replacement of infrastructure on a pay-as-you-go basis. Therefore most issues since 2005 have been limited to funding the special assessment and utility portions of the improvements. The City also monitors its total debt as a percentage of the city's total tax capacity and on a per capita basis:

	2019 Actual	2020 Estimate	2021 Estimate
Total debt as a % of Total Tax Capacity	79.6%	85.1%	76.8%
Debt per capita	$1,053	$1,203	$1,146

Debt Analysis

Debt Summary - 2021 through 2025

	2021	2022	2023	2024	2025
Debt Currently Existing at January 1					
Balance, Beginning of Year	$75,381,197	$67,599,000	$59,652,000	$51,610,000	$43,672,000
Principal Payments	(7,782,197)	(7,947,000)	(8,042,000)	(7,938,000)	(7,013,000)
Balance, End of Year	67,599,000	59,652,000	51,610,000	43,672,000	36,659,000
Future Debt to be Issued					
Proposed New Debt, Beginning of Year	$ —	$ 4,190,294	$ 9,209,306	$13,336,921	$25,410,852
Proposed New Issues					
Special Assessments	776,294	1,457,310	1,367,667	1,650,971	960,929
Facilities Improvements Bonds	—	—	—	8,000,000	—
Water and Sewer Utility Bonds	3,414,000	3,787,000	3,274,000	3,202,000	3,577,000
Total Proposed New Issues	4,190,294	5,244,310	4,641,667	12,852,971	4,537,929
Principal Payments - Proposed New Issues	—	(225,298)	(514,052)	(779,040)	(1,493,472)
Proposed New Debt, End of Year	4,190,294	9,209,306	13,336,921	25,410,852	28,455,309
Total Existing and Proposed Debt, End of Year	$71,789,294	$68,861,306	$64,946,921	$69,082,852	$65,114,309

Debt Analysis

Existing and Projected Debt

	Outstanding Debt (in millions)			Debt Ratios		
as of Dec. 31	(1) Existing	(2) Projected	Total	(3) To Tax Capacity	(4) To Economic Market Value	Per Capita
Actual						
2011	59.3	$	$ 59.3	83.8 %	1.1 %	$ 978
2012	62.6		62.6	94.3	1.3	1,025
2013	60.4		60.4	95.2	1.1	985
2014	57.3		57.3	88.5	1.0	928
2015	54.6		54.6	78.5	0.9	882
2016	51.8		51.8	73.2	0.8	838
2017	64.6		64.6	89.5	1.0	1,038
2018	64.4		64.4	82.1	0.9	1,028
2019	61.1		61.1	73.7	0.9	975
2020	75.4		75.4	85.1	1.0	1,203
Projected						
2021	67.6	4.2	71.8	76.8	0.9	1,146
2022	59.7	9.2	68.9	73.7	0.9	1,100
2023	51.6	13.3	64.9	69.4	0.8	1,036
2024	43.7	25.4	69.1	73.9	0.9	1,103
2025	36.7	28.4	65.1	69.7	0.8	1,039

(1) This column lists outstanding amounts of existing debt each year. Note that 51% of the amount of outstanding debt at December 31, 2019 will be paid off in the next five years. All bonds net of refunding bond proceeds on hand, including tax increment and utility bonds are shown in the totals above.

(2) This column indicates the net amount of outstanding new debt being projected from the 2021-2025 Capital Improvements Program.

(3) Total tax capacity is the value, after adjustments for fiscal disparities, against which taxes are levied.

(4) Economic market value is the value determined by the County Assessor and approximately the value at which the property would be sold. The State Legislature sets the policy regarding the share of taxes each property will pay on its market value through a system of property classifications and mandated class rates for the different types of property; thus growth in total estimated market value may not equate to a corresponding growth in total tax capacity value.

This page intentionally left blank.