



2023-2027

Capital Improvement Plan (CIP)

Adopted by
Burnsville City Council
December 6, 2022



Burnsville
YOU BELONG HERE

CITY COUNCIL

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Ryan Peterson, Director of Public Works

Jeff Radick, Assistant Director of Public Works

Garrett Beck, Director of Parks, Recreation & Facilities

Tom Venables, IT Director

Jen Desrude, City Engineer

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CITY OF BURNSVILLE

2023 – 2027

CAPITAL IMPROVEMENT PLAN

INTRODUCTION

The City of Burnsville has prepared this plan to guide capital improvement decisions 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 strategic priorities with objectives that directly align with our Vision.

The CIP is an important part of the implementation of specific projects. Prior to implementing projects, the City Council will consider individual project details and funding sources. Official Council actions to approve specific projects are required.

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 financial 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.

City of Burnsville, Minnesota
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FUNDING SOURCE SUMMARY

Source	2023	2024	2025	2026	2027	Total
Dakota County		1,000,000		1,600,000		2,600,000
Federal				25,000,000		25,000,000
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
ITF	4,540,719	3,270,983	2,555,857	4,092,873	1,634,112	16,094,545
MnDOT		3,500,000				3,500,000
MSA	2,917,279	3,534,188	2,449,483	3,126,028	4,207,723	16,234,701
Special Assessments	1,432,827	1,710,655	913,799	1,285,446	643,688	5,986,415
Utility - Storm Water	1,977,000	2,927,000	2,526,000	3,273,000	2,701,000	13,404,000
Utility - Street Lighting	175,100	180,353	185,764	191,336	197,077	929,630
Utility - Water & Sewer - Sanitary Sewer	1,766,000	851,000	1,421,000	902,000	1,374,000	6,314,000
Utility - Water & Sewer - Water	3,581,750	4,627,000	4,755,500	4,400,500	4,465,000	21,829,750
Grand Total	\$ 16,805,675	\$ 22,196,179	\$ 15,412,403	\$ 44,736,184	\$ 15,637,600	\$ 114,788,042

City of Burnsville, Minnesota
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PROJECTS BY FUNDING SOURCE

Source	2023	2024	2025	2026	2027	Total
Dakota County						
I35W SB Off-Ramp to Buck Hill Rd (TED grant)		1,000,000				1,000,000
Nicollet/Hwy 13 Mobility Improvements (RAISE)				1,600,000		1,600,000
Dakota County Total		1,000,000		1,600,000		2,600,000
Federal						
Nicollet/Hwy 13 Mobility Improvements (RAISE)				25,000,000		25,000,000
Federal Total				25,000,000		25,000,000
General Fund						
Burnsville Parkway Bridge Aesthetic Element Rehab				350,000		350,000
City Monument Sign		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
ITF						
Cliff Road Preliminary Engineering	55,000					55,000
Concrete Element Improvements		120,000			140,000	260,000
CR 42 Trail GAP Study	120,000					120,000
HOC Parking Study	75,000					75,000
HOC Wayfinding and Branding		100,000				100,000
Host Landfill Grant Projects	50,000	50,000	50,000	50,000	50,000	250,000
Maintenance Overlays	831,807	132,643	982,271	—	1,384,112	3,330,833
Multi-Modal Transportation Improvements	1,500,000	—	80,000	400,000	—	1,980,000
Retaining Walls in ROW			50,000	1,000,000		1,050,000
Street Improvements (Recon, Reclaim, Rehab)	1,858,912	2,818,340	1,333,586	2,582,873	—	8,593,712
Traffic Calming Improvements	50,000	50,000	60,000	60,000	60,000	280,000
ITF Total	4,540,719	3,270,983	2,555,857	4,092,873	1,634,112	16,094,545
MnDOT						
I35W SB Off-Ramp to Buck Hill Rd (TED grant)		3,500,000				3,500,000
MnDOT Total		3,500,000				3,500,000
MSA						
Burnsville Parkway Bridge Trail Enhancement			400,000			400,000
City Signal Replacement	250,000	—	—	—	—	250,000
County Signals	250,000	575,000	575,000	575,000	575,000	2,550,000
CR 11/Burnsville Parkway Intersection Improvement	147,000	158,000				305,000
I35W SB Off-Ramp to Buck Hill Rd (TED grant)		1,000,000				1,000,000
MnDOT Signal Replacement					225,000	225,000
Nicollet/Hwy 13 Mobility Improvements (RAISE)				1,000,000		1,000,000
Street Improvements (Recon, Reclaim, Rehab)	2,270,279	1,801,188	1,474,483	1,551,028	3,407,723	10,504,701
MSA Total	2,917,279	3,534,188	2,449,483	3,126,028	4,207,723	16,234,701
Special Assessments						
Street Improvements (Recon, Reclaim, Rehab)	1,432,827	1,710,655	913,799	1,285,446	643,688	5,986,415
Special Assessments Total	1,432,827	1,710,655	913,799	1,285,446	643,688	5,986,415

City of Burnsville, Minnesota
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PROJECTS BY FUNDING SOURCE

Source	2023	2024	2025	2026	2027	Total
Utility - Storm Water						
Alimagnet Alum Treatment Study	15,000					15,000
Alum Treatments			100,000		70,000	170,000
Boulevard Tree Maintenance	75,000	78,000	81,000	84,000	87,000	405,000
Contract Patching	76,000	79,000	82,000	85,000	88,000	410,000
County Overlays	64,000	66,000	68,000	71,000	74,000	343,000
Deeg Pond Filter Replacement	45,000					45,000
Host Landfill Grant Projects	32,000	33,000	34,000	36,000	38,000	173,000
Ice Center Parking Lot		330,000				330,000
Keller Lake Stormwater Quality Improvements	4,000					4,000
KMM Levee Inspection and Report	10,000					10,000
Lift Station Rehab		274,000		291,000		565,000
Maintenance Facility Treatment Structure	75,000					75,000
Maintenance Overlays	75,000	—	80,000	—	85,000	240,000
Minor Drainage Improvements	128,000	132,000	136,000	141,000	146,000	683,000
MRQ Stormwater and Floodplain Study and Report			50,000			50,000
Natural Resources Grant match	25,000			28,000		53,000
Park Drainage Improvements	165,000			176,000	176,000	517,000
Park Drainage Study			60,000			60,000
Pervious Parking Lots	50,000		75,000			125,000
Pond Cleanout/Outfall Imp. Program	425,000	438,000	452,000	466,000	480,000	2,261,000
Ravine Restoration			550,000		550,000	1,100,000
Resiliency & Water Quality Improvements		750,000		1,000,000		1,750,000
Storm Sewer Televising (for street projects)	54,000	56,000	58,000	60,000	62,000	290,000
Street Improvements (Recon, Reclaim, Rehab)	659,000	679,000	700,000	722,000	745,000	3,505,000
Wood Pond StormFilter Maintenance		12,000		13,000		25,000
WRMP Update				100,000	100,000	200,000
Utility - Storm Water Total	1,977,000	2,927,000	2,526,000	3,273,000	2,701,000	13,404,000
Utility - Street Lighting						
Street Light Replacement	175,100	180,353	185,764	191,336	197,077	929,630
Utility - Street Lighting Total	175,100	180,353	185,764	191,336	197,077	929,630
Utility - Water & Sewer - Sanitary Sewer						
County Overlays	67,000	69,000	71,000	73,000	75,000	355,000
Host Landfill Grant Projects	32,000	33,000	34,000	35,000	36,000	170,000
Lift Station Rehabilitation	900,000		500,000		400,000	1,800,000
Maintenance Overlays	40,000	—	45,000	—	45,000	130,000
Sanitary Sewer Rehabilitation	382,000	404,000	371,000	394,000	418,000	1,969,000
Street Improvements (Recon, Reclaim, Rehab)	345,000	345,000	400,000	400,000	400,000	1,890,000
Utility - Water & Sewer - Sanitary Sewer Total	1,766,000	851,000	1,421,000	902,000	1,374,000	6,314,000

City of Burnsville, Minnesota

Capital Improvements Plan

2023 thru 2027

PROJECTS BY FUNDING SOURCE

Source	2023	2024	2025	2026	2027	Total
Utility - Water & Sewer - Water						
County Overlays	26,000	27,000	28,000	29,000	30,000	140,000
Distribution System Rehabilitation & Replacement	403,000	403,000	142,000	142,000	70,000	1,160,000
Host Landfill Grant Projects	21,000	21,500	22,000	23,000	24,000	111,500
Maintenance Overlays	510,000	—	1,344,000	—	1,298,000	3,152,000
Street Improvements (Recon, Reclaim, Rehab)	1,265,000	3,259,000	605,000	1,756,000	896,000	7,781,000
Street Repair of Watermain Breaks	152,000	156,000	160,000	165,000	170,000	803,000
Transmission & Storage Rehabilitation Projects	765,000	338,000	2,062,500	358,500	601,000	4,125,000
Water Production Projects	319,750	372,500	62,000	977,000	1,326,000	3,057,250
Water Studies	120,000	50,000	50,000	50,000	50,000	320,000
Water Treatment Rehabilitation Projects			280,000	900,000		1,180,000
Utility - Water & Sewer - Water Total	3,581,750	4,627,000	4,755,500	4,400,500	4,465,000	21,829,750
Grand Total	16,805,675	22,196,179	15,412,403	44,736,184	15,637,600	114,788,042

City of Burnsville, Minnesota
Capital Improvements Plan
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PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2023	2024	2025	2026	2027	Total
Intersection Improvements						
City Signal Replacement						
MSA	250,000	—	—	—	—	250,000
City Signal Replacement Total	250,000	—	—	—	—	250,000
County Signals						
MSA	250,000	575,000	575,000	575,000	575,000	2,550,000
County Signals Total	250,000	575,000	575,000	575,000	575,000	2,550,000
CR 11/Burnsville Parkway Intersection Improvement						
MSA	147,000	158,000				305,000
CR 11/Burnsville Parkway Intersection Improvement Total	147,000	158,000				305,000
MnDOT Signal Replacement						
MSA					225,000	225,000
MnDOT Signal Replacement Total					225,000	225,000
Intersection Improvements Total	647,000	733,000	575,000	575,000	800,000	3,330,000
Regional Improvements						
Burnsville Parkway Bridge Aesthetic Element Rehab						
General Fund				350,000		350,000
Burnsville Parkway Bridge Aesthetic Element Rehab Total				350,000		350,000
Burnsville Parkway Bridge Trail Enhancement						
MSA			400,000			400,000
Burnsville Parkway Bridge Trail Enhancement Total			400,000			400,000
City Monument Sign						
General Fund		180,000	190,000	100,000		470,000
City Monument Sign Total		180,000	190,000	100,000		470,000
Cliff Road Preliminary Engineering						
ITF	55,000					55,000
Cliff Road Preliminary Engineering Total	55,000					55,000
County Overlays						
Utility - Water & Sewer - Water	26,000	27,000	28,000	29,000	30,000	140,000
Utility - Water & Sewer - Sanitary Sewer	67,000	69,000	71,000	73,000	75,000	355,000
Utility - Storm Water	64,000	66,000	68,000	71,000	74,000	343,000
County Overlays Total	157,000	162,000	167,000	173,000	179,000	838,000
CR 42 Trail GAP Study						
ITF	120,000					120,000
CR 42 Trail GAP Study Total	120,000					120,000
I35W SB Off-Ramp to Buck Hill Rd (TED grant)						
Dakota County		1,000,000				1,000,000
MSA		1,000,000				1,000,000
MnDOT		3,500,000				3,500,000
I35W SB Off-Ramp to Buck Hill Rd (TED grant) Total		5,500,000				5,500,000
Nicollet/Hwy 13 Mobility Improvements (RAISE)						
Dakota County				1,600,000		1,600,000
Federal				25,000,000		25,000,000
MSA				1,000,000		1,000,000
Nicollet/Hwy 13 Mobility Improvements (RAISE) Total				27,600,000		27,600,000
Regional Improvements Total	332,000	5,842,000	757,000	28,223,000	179,000	35,333,000

City of Burnsville, Minnesota
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PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2023	2024	2025	2026	2027	Total
Routine Storm Maintenance						
Alum Treatments						
Utility - Storm Water			100,000		70,000	170,000
Alum Treatments Total			100,000		70,000	170,000
Boulevard Tree Maintenance						
Utility - Storm Water	75,000	78,000	81,000	84,000	87,000	405,000
Boulevard Tree Maintenance Total	75,000	78,000	81,000	84,000	87,000	405,000
Deeg Pond Filter Replacement						
Utility - Storm Water	45,000					45,000
Deeg Pond Filter Replacement Total	45,000					45,000
Keller Lake Stormwater Quality Improvements						
Utility - Storm Water	4,000					4,000
Keller Lake Stormwater Quality Improvements Total	4,000					4,000
Lift Station Rehab						
Utility - Storm Water		274,000		291,000		565,000
Lift Station Rehab Total		274,000		291,000		565,000
Maintenance Facility Treatment Structure						
Utility - Storm Water	75,000					75,000
Maintenance Facility Treatment Structure Total	75,000					75,000
Minor Drainage Improvements						
Utility - Storm Water	128,000	132,000	136,000	141,000	146,000	683,000
Minor Drainage Improvements Total	128,000	132,000	136,000	141,000	146,000	683,000
Pond Cleanout/Outfall Imp. Program						
Utility - Storm Water	425,000	438,000	452,000	466,000	480,000	2,261,000
Pond Cleanout/Outfall Imp. Program Total	425,000	438,000	452,000	466,000	480,000	2,261,000
Wood Pond StormFilter Maintenance						
Utility - Storm Water		12,000		13,000		25,000
Wood Pond StormFilter Maintenance Total		12,000		13,000		25,000
Routine Storm Maintenance Total	752,000	934,000	769,000	995,000	783,000	4,233,000
Sanitary Sewer System Mgmt						
Lift Station Rehabilitation						
Utility - Water & Sewer - Sanitary Sewer	900,000		500,000		400,000	1,800,000
Lift Station Rehabilitation Total	900,000		500,000		400,000	1,800,000
Sanitary Sewer Rehabilitation						
Utility - Water & Sewer - Sanitary Sewer	382,000	404,000	371,000	394,000	418,000	1,969,000
Sanitary Sewer Rehabilitation Total	382,000	404,000	371,000	394,000	418,000	1,969,000
Sanitary Sewer System Mgmt Total	1,282,000	404,000	871,000	394,000	818,000	3,769,000
Storm Studies and Plans						
Alimagnet Alum Treatment Study						
Utility - Storm Water	15,000					15,000
Alimagnet Alum Treatment Study Total	15,000					15,000
KMM Levee Inspection and Report						
Utility - Storm Water	10,000					10,000
KMM Levee Inspection and Report Total	10,000					10,000
MRQ Stormwater and Floodplain Study and Report						
Utility - Storm Water			50,000			50,000
MRQ Stormwater and Floodplain Study and Report Total			50,000			50,000

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PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2023	2024	2025	2026	2027	Total
Park Drainage Study						
Utility - Storm Water			60,000			60,000
Park Drainage Study Total			60,000			60,000
WRMP Update						
Utility - Storm Water				100,000	100,000	200,000
WRMP Update Total				100,000	100,000	200,000
Storm Studies and Plans Total	25,000		110,000	100,000	100,000	335,000
Stormwater/Drainage Improvement Projects						
Ice Center Parking Lot						
Utility - Storm Water		330,000				330,000
Ice Center Parking Lot Total		330,000				330,000
Natural Resources Grant match						
Utility - Storm Water	25,000			28,000		53,000
Natural Resources Grant match Total	25,000			28,000		53,000
Park Drainage Improvements						
Utility - Storm Water	165,000			176,000	176,000	517,000
Park Drainage Improvements Total	165,000			176,000	176,000	517,000
Pervious Parking Lots						
Utility - Storm Water	50,000		75,000			125,000
Pervious Parking Lots Total	50,000		75,000			125,000
Ravine Restoration						
Utility - Storm Water			550,000		550,000	1,100,000
Ravine Restoration Total			550,000		550,000	1,100,000
Resiliency & Water Quality Improvements						
Utility - Storm Water		750,000		1,000,000		1,750,000
Resiliency & Water Quality Improvements Total		750,000		1,000,000		1,750,000
Stormwater/Drainage Improvement Projects Total	240,000	1,080,000	625,000	1,204,000	726,000	3,875,000
Street & Local Improvements						
Concrete Element Improvements						
ITF		120,000			140,000	260,000
Concrete Element Improvements Total		120,000			140,000	260,000
Contract Patching						
Utility - Storm Water	76,000	79,000	82,000	85,000	88,000	410,000
Contract Patching Total	76,000	79,000	82,000	85,000	88,000	410,000
HOC Parking Study						
ITF	75,000					75,000
HOC Parking Study Total	75,000					75,000
HOC Wayfinding and Branding						
ITF		100,000				100,000
HOC Wayfinding and Branding Total		100,000				100,000
Host Landfill Grant Projects						
Host Community Grant	415,000	415,000	415,000	415,000	415,000	2,075,000
ITF	50,000	50,000	50,000	50,000	50,000	250,000
Utility - Water & Sewer - Water	21,000	21,500	22,000	23,000	24,000	111,500
Utility - Water & Sewer - Sanitary Sewer	32,000	33,000	34,000	35,000	36,000	170,000
Utility - Storm Water	32,000	33,000	34,000	36,000	38,000	173,000
Host Landfill Grant Projects Total	550,000	552,500	555,000	559,000	563,000	2,779,500

City of Burnsville, Minnesota
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PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2023	2024	2025	2026	2027	Total
Maintenance Overlays						
ITF	831,807	132,643	982,271	—	1,384,112	3,330,833
Utility - Water & Sewer - Water	510,000	—	1,344,000	—	1,298,000	3,152,000
Utility - Water & Sewer - Sanitary Sewer	40,000	—	45,000	—	45,000	130,000
Utility - Storm Water	75,000	—	80,000	—	85,000	240,000
Maintenance Overlays Total	1,456,807	132,643	2,451,271	—	2,812,112	6,852,833
Multi-Modal Transportation Improvements						
ITF	1,500,000	—	80,000	400,000	—	1,980,000
Multi-Modal Transportation Improvements Total	1,500,000	—	80,000	400,000	—	1,980,000
Retaining Walls in ROW						
ITF			50,000	1,000,000		1,050,000
Retaining Walls in ROW Total			50,000	1,000,000		1,050,000
Storm Sewer Televising (for street projects)						
Utility - Storm Water	54,000	56,000	58,000	60,000	62,000	290,000
Storm Sewer Televising (for street projects) Total	54,000	56,000	58,000	60,000	62,000	290,000
Street Improvements (Recon, Reclaim, Rehab)						
ITF	1,858,912	2,818,340	1,333,586	2,582,873	—	8,593,712
MSA	2,270,279	1,801,188	1,474,483	1,551,028	3,407,723	10,504,701
Special Assessments	1,432,827	1,710,655	913,799	1,285,446	643,688	5,986,415
Utility - Water & Sewer - Water	1,265,000	3,259,000	605,000	1,756,000	896,000	7,781,000
Utility - Water & Sewer - Sanitary Sewer	345,000	345,000	400,000	400,000	400,000	1,890,000
Utility - Storm Water	659,000	679,000	700,000	722,000	745,000	3,505,000
Street Improvements (Recon, Reclaim, Rehab) Total	7,831,018	10,613,183	5,426,868	8,297,348	6,092,411	38,260,829
Street Light Replacement						
Utility - Street Lighting	175,100	180,353	185,764	191,336	197,077	929,630
Street Light Replacement Total	175,100	180,353	185,764	191,336	197,077	929,630
Traffic Calming Improvements						
ITF	50,000	50,000	60,000	60,000	60,000	280,000
Traffic Calming Improvements Total	50,000	50,000	60,000	60,000	60,000	280,000
Street & Local Improvements Total	11,767,925	11,883,679	8,948,903	10,652,684	10,014,600	53,267,792
Water System						
Distribution System Rehabilitation & Replacement						
Utility - Water & Sewer - Water	403,000	403,000	142,000	142,000	70,000	1,160,000
Distribution System Rehabilitation & Replacement Total	403,000	403,000	142,000	142,000	70,000	1,160,000
Street Repair of Watermain Breaks						
Utility - Water & Sewer - Water	152,000	156,000	160,000	165,000	170,000	803,000
Street Repair of Watermain Breaks Total	152,000	156,000	160,000	165,000	170,000	803,000
Transmission & Storage Rehabilitation Projects						
Utility - Water & Sewer - Water	765,000	338,000	2,062,500	358,500	601,000	4,125,000
Transmission & Storage Rehabilitation Projects Total	765,000	338,000	2,062,500	358,500	601,000	4,125,000
Water Production Projects						
Utility - Water & Sewer - Water	319,750	372,500	62,000	977,000	1,326,000	3,057,250
Water Production Projects Total	319,750	372,500	62,000	977,000	1,326,000	3,057,250
Water Studies						
Utility - Water & Sewer - Water	120,000	50,000	50,000	50,000	50,000	320,000
Water Studies Total	120,000	50,000	50,000	50,000	50,000	320,000

City of Burnsville, Minnesota

Capital Improvements Plan

2023 thru 2027

PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	2023	2024	2025	2026	2027	Total
Water Treatment Rehabilitation Projects						
Utility - Water & Sewer - Water			280,000	900,000		1,180,000
Water Treatment Rehabilitation Projects Total			280,000	900,000		1,180,000
Water System Total	1,759,750	1,319,500	2,756,500	2,592,500	2,217,000	10,645,250
Grand Total	16,805,675	22,196,179	15,412,403	44,736,184	15,637,600	114,788,042

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Special Revenue Funds

Category	2023	2024	2025	2026	2027	Total
Special Revenue Fund						
<u>Cable Franchise Fee Fund</u>						
Studio/Mobile Truck Upgrades	20,000	50,000	20,000	20,000	20,000	130,000
Wiring of Facilities for Production	60,000					60,000
Council Chambers Equipment Updates	50,000					50,000
Computer Equipment				11,500		11,500
Cable Franchise Fee Fund Total	130,000	50,000	20,000	31,500	20,000	251,500
<u>Forestry Fund</u>						
Grapple Bucket			38,000			38,000
Forestry Fund Total	—	—	38,000	—	—	38,000
Special Revenue Funds Total:	130,000	50,000	58,000	31,500	20,000	289,500
GRAND TOTAL	130,000	50,000	58,000	31,500	20,000	289,500

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Parks Capital Fund

Category	2023	2024	2025	2026	2027	Total
Parks Capital Fund						
<u>Park Renovations</u>						
Bituminous	833,880	251,070	1,260,000	683,420	2,110,000	5,138,370
Bleacher Replacements Annual	15,000	15,000	15,000	15,000	15,000	75,000
Building Concrete Repairs-Annual	30,000	30,000	30,000	30,000	30,000	150,000
Building Roof Repairs-Annual	10,000	10,000	10,000	10,000	10,000	50,000
Color Coat Bituminous - Recreation areas		31,580		31,580		63,160
Fencing		128,540		190,480		319,020
Frameworks	108,220	80,350	112,710	27,270	14,000	342,550
General park renovation / amenities	36,000	36,000	36,000	36,000	36,000	180,000
Lighting systems		15,760		78,780		94,540
Play Equipment	583,400	562,990	286,400	398,100	315,660	2,146,550
Resurface Park Trails	189,410	163,860		100,000		453,270
Structures & Buildings	74,790		146,740	358,960	561,880	1,142,370
Park Renovations Total	1,880,700	1,325,150	1,896,850	1,959,590	3,092,540	10,154,830
<u>Park Improvements</u>						
General park improvements / amenities	36,000	36,000	36,000	36,000	36,000	180,000
Pickleball Courts	750,000					750,000
Ice Center Parking Lot		200,000				200,000
Structures & Buildings	900,000		15,000			915,000
Park Improvements Total	1,686,000	236,000	51,000	36,000	36,000	2,045,000
<u>Improvements - Other Funded</u>						
County Funded - Kelleher Park Building	300,000					300,000
Park Dedication - Waste Management Parks Projects	1,900,000					1,900,000
Improvements - Other Funded Total	2,200,000	—	—	—	—	2,200,000
<u>Information Technology in Parks</u>						
Kelleher Park fiber extension estimate	97,000	—	—	—	—	97,000
Fiber in Parks	—	60,000	60,000	60,000	60,000	240,000
Technology End Points for Parks	30,000	30,000	30,000	30,000	30,000	150,000
Parks IT Total	127,000	90,000	90,000	90,000	90,000	487,000
<u>Trail Systems - City Funded</u>						
Regional Trail Connections	528,000					528,000
126th/Dupont Trail	100,000					100,000
Lake Marion Trail Gap Cost Share		50,000	450,000			500,000
HOC Pillsbury/Pleasant Connector Trail	100,000	300,000	400,000			800,000
Trail Systems - City Funded Total	728,000	350,000	850,000	—	—	1,928,000
Parks Capital Fund Total	6,621,700	2,001,150	2,887,850	2,085,590	3,218,540	16,814,830
GRAND TOTAL	6,621,700	2,001,150	2,887,850	2,085,590	3,218,540	16,814,830

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Equipment and Vehicle Fund

Category	2023	2024	2025	2026	2027	Total
Equipment & Vehicle Fund						
<u>Equipment</u>						
Fire						
Body Armor				48,000		48,000
Cardiac Arrest Management (Lucas)			64,000		64,000	128,000
Extrication Equipment		40,000	40,000			80,000
Controlled Medical Supply Storage					20,000	20,000
Hose			15,000		45,000	60,000
Radio Replacement - 800 MHz	67,000	67,000	67,000	67,000	67,000	335,000
SCBA Washer		28,000				28,000
Stretchers	30,000		25,000		25,000	80,000
Thermal Imager		30,000	30,000			60,000
Ventilation Fans			11,200			11,200
Gear Wash Machine/Dryer		30,000				30,000
Fire Training Props			25,000			25,000
EMS Simulation Mannequins				20,000		20,000
Blitz Nozzles			10,000			10,000
Cable Weight Machine		18,000				18,000
Elliptical Machine				20,000		20,000
Gas Monitor Hazmat				18,000		18,000
Stationary Bikes	7,000					7,000
Med. Vaults			14,000		14,000	28,000
Treadmill					24,000	24,000
Ambulance Equipment		190,000				190,000
Fire Total	104,000	403,000	301,200	173,000	259,000	1,240,200
Police						
Fuming Hood		16,000				16,000
Radars		5,300				5,300
Evidence Drying Chamber		20,000				20,000
EAG Helmets	21,600					21,600
Throw Phone and Software Replacement	33,000			30,000		63,000
Glue Chamber		15,000				15,000
Alternative Light Source	12,360					12,360
Warning Sirens	35,000	35,000	35,000			105,000
Unmanned Aerial Vehicle (UAV)	37,000					37,000
Police Total	138,960	91,300	35,000	30,000	—	295,260
Public Works						
Radio Replacement 800 MHz	15,000	15,000	15,000	15,000		60,000
Public Works Total	15,000	15,000	15,000	15,000	—	60,000
Engineering						
Survey Equipment - Total Station and Data Collector		12,000				12,000
Engineering Total	—	12,000	—	—	—	12,000
Equipment Subtotal	257,960	521,300	351,200	218,000	259,000	1,607,460

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Equipment and Vehicle Fund

Category	2023	2024	2025	2026	2027	Total
Equipment & Vehicle Fund						
<u>Vehicles</u>						
Engineering						
Vehicle Replacements	96,500	86,000	64,500		63,000	310,000
Engineering Total	96,500	86,000	64,500	—	63,000	310,000
Fire						
Ambulances	350,000	364,000	400,000	416,000	432,000	1,962,000
Trailer						—
Zodiac Boat	170,000					170,000
Truck	105,000	144,000			81,000	330,000
Rescue Pumper	—			1,232,000		1,232,000
Fire Total	625,000	508,000	400,000	1,648,000	513,000	3,694,000
Forestry						
Truck (Class 5)	103,000					103,000
Stump Grinder					8,000	8,000
Forestry Total	103,000	—	—	—	8,000	111,000
Maintenance Facility						
Tire Recycler		7,000				7,000
Maintenance Facility Total	—	7,000	—	—	—	7,000
Parks						
Truck (Class 7)				340,000		340,000
Field striper					33,500	33,500
Truck (Class 2B)			159,000	64,000		223,000
Mower (6')	56,000	230,000				286,000
Truck (Class 4)		108,000				108,000
Mowers (16')		165,000	170,000	60,500		395,500
Modd Brushcat				16,000		16,000
Skid Loader and Attachments		125,500	11,500			137,000
Trailer			11,500	39,500	26,000	77,000
Trail and Sidewalk Maintenance Tractor					269,000	269,000
Parks Total	56,000	628,500	352,000	520,000	328,500	1,885,000
Police						
Patrol Squad Vehicles	355,000	365,000	375,000	385,000	395,000	1,875,000
Vehicles for Organizational Analysis implementation	355,000		49,500			404,500
Admin. Vehicle Replacement		48,000		52,000	52,500	152,500
Armored Vehicle		250,000				250,000
Forensics Truck			115,000			115,000
Mobile Command Center			900,000			900,000
Investigation Vehicles	86,500	96,000	49,500	51,000	52,500	335,500
EAG Deployment Vehicle			115,000			115,000
Patrol Transport Vehicle		45,000				45,000
Police Total	796,500	804,000	1,604,000	488,000	500,000	4,192,500

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Equipment and Vehicle Fund

Category	2023	2024	2025	2026	2027	Total
Equipment & Vehicle Fund						
Streets						
Patch Box		38,000	54,000			92,000
Flat Bed			7,500			7,500
Anti-Ice System			28,000			28,000
Truck (Class 7)	380,000	395,000	850,000	460,000	880,000	2,965,000
Grader Attachment					30,000	30,000
Loader			82,000		290,000	372,000
Truck (Class 8)	410,000				163,000	573,000
Equipment attachments			35,000		32,500	67,500
Streets Total	790,000	433,000	1,056,500	460,000	1,395,500	4,135,000
Vehicles Subtotal	2,467,000	2,466,500	3,519,000	3,159,500	2,808,000	14,420,000
Equipment & Vehicle Fund Total	2,724,960	2,987,800	3,870,200	3,377,500	3,067,000	16,027,460
GRAND TOTAL	2,724,960	2,987,800	3,870,200	3,377,500	3,067,000	16,027,460

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Facilities Fund

Category	2023	2024	2025	2026	2027	Total
Facilities Fund						
<i><u>Deferred Maintenance and Annual Replacement:</u></i>						
City Hall/Police						
Acoustical Ceiling Replacement		10,000		10,000		20,000
VCT Tile and Countertop Replacement		32,000				32,000
Fire Panel Replacement			15,000			15,000
Chairs - Community Room				18,000		18,000
Wallpaper City Hall/Police	6,000		6,000		6,000	18,000
Police Locker Room Retrofit	25,000					25,000
Community Television Broadcast Center			500,000			500,000
Exhaust Fans Roof Top			9,000			9,000
Amenities	30,000	30,000	30,000	30,000	30,000	150,000
ADA Compliance					15,000	15,000
Chiller					107,000	107,000
Electric Panel Replacements					70,000	70,000
Energy Management Upgrades					15,000	15,000
Exhaust Fan replacement					12,000	12,000
VAV boxes					150,000	150,000
Seal Exterior Brick Work			100,000			100,000
Automatic Floor Scrubber			9,000			9,000
Transformer Replacement			10,000		12,000	22,000
VFD Replacement - Heat Pump 1 & 2		10,000				10,000
Outdoor Readerboard LED/Software replacement		30,000				30,000
City Hall/Police Total	61,000	112,000	679,000	58,000	417,000	1,327,000
Civic Center City Garage						
Acoustical Ceiling Tile Replacement	5,000	5,000	5,000	5,000	5,000	25,000
Recable Facility	80,000					80,000
Parking Lot Replacement				350,000		350,000
Cabinet Heater Replacement			70,000			70,000
Carpet replacement - Youth Center					17,000	17,000
Furnace replacement in Youth Center					8,000	8,000
Civic Center City Garage Total	85,000	5,000	75,000	355,000	30,000	550,000
Fire Stations						
Station 1 Amenities	10,000	10,000	10,000	10,000	10,000	50,000
Station 2 Amenities	20,000	10,000	10,000	10,000	10,000	60,000
Carpet Replacement - FS2			25,000			25,000
Seal Exterior Brickwork	15,000					15,000
Plymovent Exhaust System		80,000				80,000
Apparatus Bay Lighting Replacement			12,000			12,000
HVAC Replacement			30,000			30,000
Office Furniture			15,000			15,000
Garage Door Opener Replacement		6,000	6,000	6,000	6,000	24,000
HVAC Bay Heater Replacement	15,000			16,000		31,000
Fire Stations Total	60,000	106,000	108,000	42,000	26,000	342,000

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Facilities Fund

Category	2023	2024	2025	2026	2027	Total
Facilities Fund						
<u>HOC Parking Deck/Ramp</u>						
Ramp Concrete Sealant	32,500				35,000	67,500
Deck Traffic Membrane		180,000			295,000	475,000
Ramp Mechanical Systems		155,000		32,000		187,000
Security/Emergency System				20,000		20,000
Deck Relamp				40,000		40,000
Ramp Electrical System				70,000		70,000
Ramp Exterior Recaulk	35,000					35,000
Deck Concrete Sealant			50,000			50,000
Deck Electrical System		25,000				25,000
HOC Parking Deck/Ramp Total	67,500	360,000	50,000	162,000	330,000	969,500
<u>IT Technology</u>						
Cooling System - IT Data Center			50,000			50,000
IT Technology Total	—	—	50,000	—	—	50,000
<u>Parks Facilities and Trail Replacement</u>						
Parks Facilities and Trail Replacement		360,000	360,000	360,000	462,700	1,542,700
Parks Facilities and Trail Replacement Total	—	360,000	360,000	360,000	462,700	1,542,700
<u>Maintenance Facility</u>						
Hoist Twin Post Truck Replacement		185,000				185,000
Building Automation		155,300				155,300
Salt Shed and Brine Making System Replacement			800,000			800,000
Generator Transfer Switch Replacement			20,000			20,000
Office Renovations	200,000					200,000
Truck Tire Changer	16,300					16,300
Trench Drain repair	50,000					50,000
Air Compressor System Replacement		24,000				24,000
Paint Walls and Ceiling			25,000			25,000
Roof Top Unit Replacements				50,000		50,000
Salt Brine Making System Upgrades				15,000		15,000
Co-Ray Vac Heating Systems Phase 1 Replacement				75,000		75,000
Roof Membrane Replacement			750,000			750,000
Roof Membrane Replacement - Salt and 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	266,300	364,300	1,725,000	140,000	—	2,495,600

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Facilities Fund

Category	2023	2024	2025	2026	2027	Total
Facilities Fund						
<u>Ames Center</u>						
Plaza Concrete Replacement			425,000			425,000
Overhead Roll-Up Door Replacements	165,395					165,395
Marquee Sign - Nicollet Ave		100,000				100,000
Water Softener	14,500					14,500
Amenities	6,000					6,000
Replace Stage Floors	40,000					40,000
Lobby Ceiling Tile and Lighting Replacement		250,000				250,000
Theatrical Lighting LED Conversion		160,000	200,000	200,000	210,000	770,000
Food and Beverage Build-Out and Equipment				300,000		300,000
Water Heater replacement				20,000	20,000	40,000
Office renovation					50,000	50,000
Maintenance and annual repair					100,000	100,000
Facility study	25,000					25,000
Ames Center Total	250,895	510,000	625,000	520,000	380,000	2,285,895
<u>Golf Course</u>						
Clubhouse and Irrigation Improvements			300,000			300,000
Amenities	20,000	20,000	20,000	20,000	20,000	100,000
Windows, Doors and Flooring improvements	20,000					20,000
Golf Course Total	40,000	20,000	320,000	20,000	20,000	420,000
<u>Ice Center</u>						
Cooling System			500,000			500,000
Compressor replacement			50,000			50,000
Parking Lot		525,000				525,000
Variable speed drive motors		11,000	11,000	11,000	11,000	44,000
Bleacher Replacement					130,000	130,000
Parking Lot - Poles and LED Lights				35,200		35,200
Rubber Flooring Replacement				350,000		350,000
Heating System for Rink 2		50,000				50,000
Door Replacement - Rink 2	30,000					30,000
Locker Room Modifications			200,000			200,000
Amenities	20,000	20,000	20,000	20,000	20,000	100,000
Ice Center Total	50,000	606,000	781,000	416,200	161,000	2,014,200
Total Deferred Maintenance and Annual Replacement	880,695	2,443,300	4,773,000	2,073,200	1,826,700	11,996,895
Improvements:						
<u>Facilities Plan</u>						
Phase III (Fire Station 2/City Hall/Maint Facility)	—	26,000,000	—	—	—	26,000,000
Facilities Plan Total	—	26,000,000	—	—	—	26,000,000
Total Improvements	—	26,000,000	—	—	—	26,000,000
Facilities Fund Total	880,695	28,443,300	4,773,000	2,073,200	1,826,700	37,996,895
GRAND TOTAL	880,695	28,443,300	4,773,000	2,073,200	1,826,700	37,996,895

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

I.T. Capital Fund

Category	2023	2024	2025	2026	2027	Total
IT Capital Fund						
<u>Community Development</u>						
Code Enforcement Tablets				15,000		15,000
2 IPlan - Large format plan review stations	30,000					30,000
Community Development Total	30,000	—	—	15,000	—	45,000
<u>Document Imaging/Management</u>						
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	4,400
Document Imaging/Management Total	—	—	12,700	—	12,700	25,400
<u>ERMS System Development</u>						
ERP Misc Modules for Adl Dev w/Finance System	215,000	1,315,000	15,000	15,000	15,000	1,575,000
ERMS System Development Total	215,000	1,315,000	15,000	15,000	15,000	1,575,000
<u>Fire Computer Equipment</u>						
MDC Replacements with Dell Rugged - Lease	24,000	24,000	24,000	24,000	24,000	120,000
Mounting Equipment Replacements	900	900	900	900	900	4,500
EMS Tablet Replacements			12,000			12,000
Broadband Mobile Modems		2,400		2,400		4,800
CAD/AVL Monitor Replacements					5,000	5,000
IPlan Plan review station replacement for FS1					15,000	15,000
Fire Computer Equipment Total	24,900	27,300	36,900	27,300	44,900	161,300
<u>GIS Equipment & Software:</u>						
GIS Strategic Plan - GPS/Tablets		5,000				5,000
GIS Equipment & Software Total:	—	5,000	—	—	—	5,000
<u>IT Infrastructure</u>						
Cisco Replacements (48 month capital lease in 2025)	10,000	10,000	300,000	300,000	300,000	920,000
Next Gen Firewall replacements - 2 - lease to own	153,000	153,000	153,000			459,000
Palo Alto Security Firewall replacements - 3 yr - lease to own	162,000	144,000	144,000			450,000
A/V Meeting Improvements Project	15,000		15,000		15,000	45,000
WLC Replacement			13,000	13,000	13,000	39,000
AV Video Encode/Decode Component Repl		50,000				50,000
APC 10KVM UPS Battery Replacement		5,000			5,000	10,000
Phone System Replacement	155,000					155,000
IP Clocks for City Facilities	2,100	2,100	2,100	2,100	2,100	10,500
Equipment for IT Van				4,000		4,000
APC Galaxy UPS Battery Replacement				8,000		8,000
IT Rack Replacements	3,500		3,500		3,500	10,500
SAN Node Additions - Tier 1 and 2	45,000	45,000	45,000	45,000	45,000	225,000
UPS Scheduled Replacements	5,000	5,000	5,000	5,000	5,000	25,000

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

I.T. Capital Fund

Category	2023	2024	2025	2026	2027	Total
IT Capital Fund						
APC 40KVM UPS Battery Replacement		8,000			8,000	16,000
VM Software Licensing		5,000		5,000		10,000
Wireless AP Replacements	5,000		5,000		5,000	15,000
IT Infrastructure Total:	555,600	427,100	685,600	382,100	401,600	2,452,000
<u>PC Computers</u>						
Host Server Replacements - Capital Lease	40,000	40,000	40,000			120,000
Printer Replacements		1,400		1,400		2,800
Tablet/Smartphones Replacements	5,000	5,000	5,000	5,000	5,000	25,000
Dell Replacement Project	175,000	225,000	225,000	225,000	225,000	1,075,000
Mounting Options		5,000		5,000		10,000
Monitor Replacements	3,300		3,300			6,600
City Council Tablets		15,000				15,000
PC Replacements - VDI Thin Clients	3,500	2,000	2,000	2,000		9,500
PC Computers Total	226,800	293,400	275,300	238,400	230,000	1,263,900
<u>Police Computer</u>						
MDC Replacements - Capital Lease	45,000	45,000	45,000	45,000	45,000	225,000
MDC Mounting Equipment Replacements		1,800		1,800		3,600
Broadband Mobile Modems		2,400		2,400		4,800
Mobile Printer Replacements	1,000		1,000		1,000	3,000
Forensics Recovery of Evidence Device (FRED)	6,500					6,500
Police Computer Total	52,500	49,200	46,000	49,200	46,000	242,900
<u>Recreation Software</u>						
POS Replacements/Additions		21,000				21,000
RMS Replacement Project	50,000					50,000
ID Badge Printers		2,000		4,000		6,000
Recreation Software Total	50,000	23,000	—	4,000	—	77,000
<u>Security Systems</u>						
Camera Replacements		5,000		5,000		10,000
Camera Replacements - City Hall	20,000					20,000
Camera Replacements - Community Room	15,000					15,000
Access Card ID Printer Additions			7,000			7,000
Camera Replacements - Parks (MNRV)			20,000			20,000
Camera Replacements - ABLE Site		25,000				25,000
Mercury Boards	20,000					20,000
Camera Replacements - Maintenance Facility				45,000		45,000
Facilities Camera and Prox. Readers	5,000		5,000		5,000	15,000
Security Systems Total	60,000	30,000	32,000	50,000	5,000	177,000

City of Burnsville, Minnesota

Capital Improvements Plan

2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

I.T. Capital Fund

Category	2023	2024	2025	2026	2027	Total
IT Capital Fund						
<u>Software</u>						
Servers Licenses and Miscellaneous Software	5,000	5,000	5,000	5,000	5,000	25,000
Software Total	5,000	5,000	5,000	5,000	5,000	25,000
<u>Other</u>						
City-wide	47,000	47,000	47,000			141,000
Other Total	47,000	47,000	47,000	—	—	141,000
IT Capital Fund Total	1,266,800	2,222,000	1,155,500	786,000	760,200	6,190,500
GRAND TOTAL	1,266,800	2,222,000	1,155,500	786,000	760,200	6,190,500

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Enterprise Funds

Category	2023	2024	2025	2026	2027	Total
Enterprise Funds						
<u>Ames Center</u>						
Office Renovation	50,000					50,000
Truss Battens for House Electrics	20,000					20,000
Black Box PA and console replacement	40,000					40,000
Replacement Coolers and Freezer Units	15,000					15,000
High Capacity Carpet Extractor	17,000					17,000
Food & Beverage Equipment	15,000					15,000
High Capacity Carpet Vacuum	17,000					17,000
Window Shades and Motors		25,000				25,000
F&B Equipment - Turbo Chef		15,000				15,000
Replace Pit Staging and Fill		34,200				34,200
Radios		13,500				13,500
Commercial Washer/Dryer		4,029				4,029
Audio Upgrades - Wireless Mics		17,829				17,829
Reheat fan AHU 3 x 3		3,000				3,000
Reheat fan garbage room		4,000				4,000
Reheat fan lower level elevator		3,000				3,000
Rigging Equipment Replacement		20,000				20,000
Detail			15,000			15,000
Pit Staging and Fill			34,200			34,200
New PA and Amps			250,000			250,000
Hot Water Heater 2			20,000			20,000
Dance Floor			14,392			14,392
Tables			7,500			7,500
Replace Follow Spots				40,000		40,000
Technology Replacement					30,000	30,000
Maintenance and annual replacement				100,000	100,000	200,000
Ames Center Total	174,000	139,558	341,092	140,000	130,000	924,650
<u>Golf Course</u>						
Golf Cart		14,000			10,000	24,000
Rotary Deck Mower	62,000					62,000
Tractor					60,000	60,000
Utility Cart	30,000					30,000
Reel Mower		40,000				40,000
Blower		14,000				14,000
Greens Mower			47,000			47,000
Turf Truckster		11,500		40,000		51,500
Bunker Rake				13,000		13,000
Aerator/Spiker		14,000				14,000
Golf Course Total	92,000	93,500	47,000	53,000	70,000	355,500

City of Burnsville, Minnesota
Capital Improvements Plan
2023 thru 2027

PROJECTS BY CATEGORY AND DEPARTMENT

Enterprise Funds

Category	2023	2024	2025	2026	2027	Total
<u>Ice Center</u>						
Ice Resurfacer	168,000	175,000				343,000
Floor Scrubbber				15,000		15,000
Water Heater			30,000			30,000
Ice Center Total	168,000	175,000	30,000	15,000	—	388,000
<u>Storm Water Management</u>						
Street Projects & Rehab	960,000	913,000	1,022,000	974,000	1,092,000	4,961,000
Storm Water Management	1,017,000	2,014,000	1,504,000	2,299,000	1,609,000	8,443,000
Storm Water Capital Equipment	175,000	35,000	122,000	—	—	332,000
Storm Water Management Total	2,152,000	2,962,000	2,648,000	3,273,000	2,701,000	16,661,000
<u>Street Lighting</u>						
Public Works Projects - Street Lighting	175,100	180,353	185,764	191,336	197,077	929,630
Street Lighting Total	175,100	180,353	185,764	191,336	197,077	929,630
<u>Water & Sewer</u>						
Street Projects	2,458,000	3,910,500	2,709,000	2,481,000	2,974,000	14,532,500
Water Production Projects	319,750	372,500	62,000	977,000	1,326,000	3,057,250
Water Treatment Rehabilitation Projects	—	—	280,000	900,000	—	1,180,000
Transmission & Storage Rehabilitation Projects	765,000	338,000	2,062,500	358,500	601,000	4,125,000
Lift Station Rehabilitation	900,000	—	500,000	—	400,000	1,800,000
Distribution System Rehabilitation & Replacement	403,000	403,000	142,000	142,000	70,000	1,160,000
Water Studies	120,000	50,000	50,000	50,000	50,000	320,000
Sanitary Sewer Rehabilitation	382,000	404,000	371,000	394,000	418,000	1,969,000
Equipment and Vehicles	204,000	50,000	73,000	75,000	—	402,000
IT Capital Projects	629,500	192,500	322,500	262,500	249,500	1,656,500
Water & Sewer Total	6,181,250	5,720,500	6,572,000	5,640,000	6,088,500	30,202,250
Enterprise Funds Total	8,942,350	9,270,911	9,823,856	9,312,336	9,186,577	49,461,030
GRAND TOTAL	8,942,350	9,270,911	9,823,856	9,312,336	9,186,577	49,461,030

City of Burnsville, Minnesota

Capital Improvements Plan

2023 thru 2027

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 Trunk Highway (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 2025-2026. The City's aesthetic elements should be completed simultaneously to reduce the cost and impact to users. The City 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 had restrictions regarding the placement of City entrance monuments within their rights-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-35E Northbound, I-35E Southbound, I-35W Southbound, and either end of County State Aid Highway (CSAH) 42. Signs are planned in 2023, 2024, and 2025.

REGIONAL IMPROVEMENTS

Burnsville Parkway Bridge Trail Enhancement - MnDOT is working on plans to replace three bridges on I-35W: I-35W over Cliff Road; TH-13 over I-35W; and Burnsville Parkway over I-35W. In the City's Multi-Modal Plan and the Heart of the City Framework, a wide, multi-use trail is shown when the bridge is replaced. Any extra costs to construct the trail are part of the City's cost share for the project. Construction is anticipated in 2025-2026.

Cliff Road Preliminary Engineering - Dakota County requested a feasibility study and preliminary engineering study be completed for Cliff Road between I-35W and River Hills Drive. The study will look at lane configuration, filling trail gaps, and trail crossing. The City is also including study of Nicollet Avenue between Cliff Road and TH-13. This study will be lead by City staff, in partnership with Dakota County, and is anticipated to begin in 2023.

County Overlays - When Dakota County resurfaces its roadways, it is the best time for the City to improve its utility structures on and under those roadways. Therefore, the City budgets for repairing and improving its utility structures so it can react when Dakota County chooses to resurface a county road in Burnsville.

County Road 42 Trail Gap Study - Dakota County and the City of Burnsville collaborated on a Safe Streets for All (SS4A) federal grant in 2022 for constructing trail gaps on County Road 42, County Road 5, and a network of City trails in and around the Burnsville Center Redevelopment Area. In 2023, both Dakota County and the City of Burnsville has allocated funding to begin preliminary engineering on the trail gaps on County Road 42 and County Road 5. Having the preliminary engineering completed will better position Dakota County and the City to compete for future grant funding as it becomes available.

I-35W Southbound Off-Ramp to Buck Hill Road - The City completed a Burnsville Center Village Vision in 2019 and subsequently completed a traffic study in 2020. Dakota County completed its CSAH 42 Visioning Study in 2021. In both the City's and County's traffic studies, a new I-35W southbound off-ramp to Buck Hill Road with access to eastbound CSAH 42 was analyzed and shown to improve traffic flow on I-35W and CSAH 42. The City

was awarded a State Transportation Economic Development (TED) grant at the end of 2021 and construction is anticipated in 2024 and 2025.

TH-13 and Nicollet Mobility Improvements - In 2021, MnDOT completed a comprehensive visioning study of the TH-13 corridor between TH-169 in Savage to Nicollet Avenue in Burnsville. This vision included a mobility improvement at the intersection of TH-13 and Nicollet Avenue. Minnesota Valley Transit Authority (MVTA), Dakota County, and Metro Transit have all expressed interest in improving mobility across TH-13 and along Nicollet Avenue. The City continues to seek federal grant funding for this project with an anticipated construction year of 2026-2027.

INTERSECTION IMPROVEMENTS

City Signal Replacement - This project budgets and plans for future traffic signal improvements throughout the City. Currently, the City has 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. From 2023 and onward, the budget includes funding for a signal replacement, with those locations to be determined through collaboration with Dakota County.

County Road 11/Burnsville Parkway - Dakota County was awarded Federal grant funding to replace this signalized intersection with a roundabout. A roundabout will improve traffic flow and safety. This project is planned for construction to occur in 2024. The City cost share for this project is based on the County's cost participation policy, which provides that the City contributes 45% of the costs after the grant has been allocated.

MnDOT Signal Replacement - A placeholder has been added to CIP year 2027 in the event that the Minnesota Department of Transportation must replace a signal in which the City must cost-share. Cost share is typically based upon the number of legs at the intersections that are City streets.

STREET & LOCAL IMPROVEMENTS

Street Improvement Program - The annual street improvement program includes three construction techniques described below. A copy of the 2023-2027 Street Improvement Program map is included in the Maps section of a separate CIP document in Engineering. Selection of street segments is based upon the City's Pavement Management Program and 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.

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 rights-of-way made out of concrete that are not addressed for maintenance in other ways. The primary needs are concrete intersections, sidewalk replacement, accessibility improvements, and retaining wall repairs and replacements. A large retaining wall replacement project for the wall on Judicial Road, south of Skyview Drive, is planned for 2025-2026.

Multi-Modal Transportation - In 2021, a Multi-Modal and Complete Streets Study was completed. This funding will provide for multi-modal improvements every three years. Funding is allocated in the year before the construction year for design.

Traffic Calming Improvements - In 2021, the City Council approved a new Traffic Calming Policy (Policy). This project will allow for permanent installations of traffic calming measures consistent with the Policy. Unspent funds may be carried-forward to accumulate sufficient budget authority for larger scale projects.

Heart of the City (HOC) Studies - There are two planned studies for Heart of the City: a parking study in 2023 and a wayfinding and branding study for 2024. These two studies came from the recently HOC Framework update completed in 2022.

Host Landfill Grant Projects - The State of Minnesota, through the Department of Employment and Economic Development (DEED), has created a grant program specifically for metropolitan cities that 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 as long as they are available. The City is eligible for approximately \$415,000 annually if the specified project meets certain job creation goals. The City has identified projects that are good candidates for this grant.

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.

SANITARY SEWER SYSTEM

Lift Station Rehabilitation - This project will rehabilitate the 13 sanitary sewer lift stations (LS) and install emergency generators when necessary. The intent of this program is to reduce the number of emergency failures and backups within the sanitary sewer system. The project rehabilitates LS based on the Sanitary Sewer LS Condition Assessment.

Sanitary Sewer Rehabilitation - This project rehabilitates 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 project funds work within areas not scheduled for a street project in the near future or more extensive work within the street project areas. The projects seeks to rehabilitate one percent of the gravity system per year.

STORM WATER IMPROVEMENT PROJECTS

Natural Resources Grant match - This project is a set aside for natural resource project opportunities that arise so that there is some capital funding available for grant matches.

Pervious Parking Lots - This project allocation is for parking lot asphalt project that arise to create a pervious pavement in lieu of traditional asphalt. The project intent is for parking lots that receive minimal winter maintenance. These pervious pavements are good for stormwater management, but struggle with salt and other winter maintenance activities.

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

Resiliency and Water Quality Improvements - This project provides 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.

STORM WATER MAINTENANCE

Aluminum Sulfate (Alum) Treatment - The project involves the treatment of the bottom of ponds with 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 anticipated this project will be completed every five years.

Boulevard Tree Maintenance - Trees along City streets provide many benefits, including 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 and 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 its boulevard trees annually, with the goal of getting to each tree every 10 years.

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

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

Lift Station Rehabilitation - Routinely, the City schedules LS improvements as a preventative maintenance program. This includes repair or replacement of the LS and installation of an emergency generator when necessary. The City continues with this program based on Storm Sewer LS Condition Assessment.

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

Minor Drainage Improvements - Each year, the City works in various areas of the City to improve smaller local drainage issues, both in public rights-of-way and on City-owned property. The City also assists private property owners to improve private drainage nuisances or with the installation of drain tiles on private property by making public drainage systems accessible when reasonable. The City completes drainage improvements on private property when surface water runoff has entered a primary structure. The City 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 these pipes and then rehabilitating them as needed.

Pond Clean Out/Outfall Improvement Program - This project is for removal of sediment that has accumulated in ponds and for maintenance of pond outfall structures. Funds are allocated annually and the City uses a storm asset management tools to prioritize projects.

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

STORM WATER STUDIES AND PLANS

Alimagnet Alum Treatment Study - This project will result in a chemical water treatment in Lake Alimagnet that will improve surface water quality in that lake. This is a common practice that traps water clarity problem elements in sediment in the bottom of the water body.

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.

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 and optimize the location of future stormwater management facilities.

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.

Water Resources Management Plan (WRMP) Update -The WRMP guides 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 update to the State Municipal Separate Storm Sewer System (MS4) permit, the City will continue a major update.

WATER SYSTEM

Distribution System Rehabilitation and Replacement - As the street reconstruction program moves to streets with ductile iron water and watermain that test in sound structure condition, this project rehabilitates or replaces other watermain so that the City's annual replacement stays at or near one percent of the system annually. The 2023 allocation will support the street maintenance overlay program and fund watermain replacement in those areas passed over for watermain replacement when they were originally reconstructed in the 1990s.

Water Production Rehabilitation - This is a preventative maintenance project for the City's water production infrastructure. This involves rotating evaluation and rehabilitation projects of the City's 17 groundwater wells and two 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 at least once every ten years. In 2023 three wells are planned for rehabilitation.

Transmission and Storage Rehabilitation - This project identifies rehabilitation projects for the City's water transmission and storage infrastructure, which includes projects for 10 High Service Pumps (HSP), the 7-mg clear well at the Water Treatment Plant (WTP), two underground reservoirs, three water towers, and the Pressure

Reducing Valve (PRV) stations. The 2023 allocation is for rehabilitation of two HSP and Variable Frequency Drive for a HSP at the WTP

Water Treatment Repairs and Rehabilitation - This project includes repairs and rehabilitation within the Ground Water Treatment Plant (GWTP) and Surface Water Treatment Plant (SWTP).

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

PARKS

Park Improvements - Park improvements include the significant upgrading or the addition of new facilities to the park system, 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 2023 include:

- Adding general amenities, such as park benches, bleachers, and small recreational equipment to existing parks;
- Play equipment replacement at Alimagnet Park Crystal Beach Park, Coventry Court and Kelleher Park;
- Adding fiber and technology, such as end points, security, and fiber in community parks;
- Adding pickleball courts in Alimagnet Park;
- Park master planning for community parks, including trail head needs at Kelleher Park and the Lake Marion Greenway.

Park Renovation - Park renovation includes the repair or replacement of existing elements and facilities within the park system, 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 current park system. Projects in this category for 2023 include:

- General amenities replacement, such as benches, grills, picnic tables, and refuse receptacles;
- Bituminous parking lot, basketball courts and internal park trails at various parks;
- Colonial Park basketball court replacement
- Paha Sapa basketball court, trail and parking lot replacement;
- Bleacher replacement;
- Skate park ramp replacement
- Replacement of various concrete around park buildings and facilities;
- Turf to Prairie
- Framework plans with the community to remove or relocate existing, underused amenities to reduce long-term capital needs and ongoing maintenance costs.

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 Trail Master Plan and Multi-Modal Plan. Projects in this category are listed below.

- Neighborhood connector trail between Pillsbury and Pleasant Avenues to connect development on the west side of Heart of the City to Nicollet Commons Park and other core Heart of the City amenities. This work may be constructed in 2023 or 2024.

FACILITIES

Facilities Improvements - These funds are for the repair, replacement, or improvement of existing elements at City Hall/Police, Civic Center Garage, Fire Station No. 1, Fire Station No. 2, Maintenance Facility, as well as Parking Lots, Decks and Ramps. Projects in this category are listed below.

- Facilities Study - Continue work on Phase 3 projects pending Council direction
- 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 - IT cable replacement
- Fire Station No. 2 - Projects for this facility include the replacement of carpet, Plymovent Exhaust System, apparatus bay lighting replacement, HVAC replacement and general facility upkeep.
- Maintenance Facility - This facility will receive a replacement of the truck tire changer and trench drain repair;
- HOC Parking Deck and Ramps - This project will involve concrete sealant and caulking;
- Ice Center - Door replacement on rink 2
- Golf Course - This facility will receive window, door and flooring replacement in the clubhouse.
- Ice Center Parking Lot - This project will replace the ice center parking lot and also improve it to more adequately meet the needs for community engagement and festival purposes. Accessibility, multi-modal, placemaking, and stormwater management/reuse upgrades are also included with the proposed project. This project has been designated to be included with the bid package for the proposed City Hall/Police Department facility upgrades and it will be done in collaboration/timing with that project.

EQUIPMENT AND VEHICLES

Equipment - This is an ongoing project 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 by each department.

Vehicles - Vehicles are replaced according to the 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 City 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 issued in 2022 was 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.*
- *2023 Budget Year - All debt proposed for 2023 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*
- *Best practices for debt management dictate that the funding for an asset is aligned with the life of that issue. For example, a 20 year bond should not be issued for a piece of equipment that has a useful life of only 10 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.

	2021 Actual	2022 Budget	2023 Budget
GO Debt as a percentage of Total Taxable Market Value	0.6%	0.5%	0.5%

The City 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.

	2021 Actual	2022 Budget	2023 Budget
Net debt as a percentage of Total Taxable Market Value	0.3%	0.3%	0.2%

Explanation: State statutes, 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. The statute outlines the type of debt that is subject to this limit, which is reported annually in the Annual Comprehensive 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 a property tax for 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:

	2021 Actual	2022 Budget	2023 Budget
Total Debt as a percentage of Total Tax Capacity	71.6%	70.6%	72.3%
Debt per Capita	\$1,031	\$1,057	\$1,082

Debt Analysis
Debt Summary - 2023 through 2027

	2023	2024	2025	2026	2027
Debt Currently Existing at January 1					
Balance, Beginning of Year	\$68,347,000	\$61,000,000	\$53,337,000	\$45,994,000	\$39,175,000
Principal Payments	(7,347,000)	(7,663,000)	(7,343,000)	(6,819,000)	(5,860,000)
Balance, End of Year	61,000,000	53,337,000	45,994,000	39,175,000	33,315,000
Future Debt to be Issued					
Proposed New Debt, Beginning of Year	\$ —	\$ 8,882,827	\$40,826,595	\$46,045,275	\$50,139,811
Proposed New Issues					
Special Assessments	1,432,827	1,710,655	913,799	1,285,446	643,688
Parks Renovation and Improvements	3,000,000	—	—	—	—
Equipment Certificates	—	—	1,100,000	1,300,000	—
Facilities Improvements Bonds	—	26,000,000	—	—	—
Water and Sewer Utility Bonds	4,450,000	3,910,500	5,209,000	2,981,000	3,974,000
Storm Water Utility Bonds	—	750,000	—	1,000,000	—
Total Proposed New Issues	8,882,827	32,371,155	7,222,799	6,566,446	4,617,688
Estimated Principal Payments - Proposed New Issues	—	(427,387)	(2,004,119)	(2,471,910)	(2,931,505)
Proposed New Debt, End of Year	8,882,827	40,826,595	46,045,275	50,139,811	51,825,994
Total Existing and Proposed Debt, End of Year	\$69,882,827	\$94,163,595	\$92,039,275	\$89,314,811	\$85,140,994

Debt Analysis

Existing and Projected Debt

	Outstanding Debt (in millions)				Debt Ratios		
	(1)	(2)	(3)	(4)	To Economic Market Value	To Tax Capacity	Per Capita
as of Dec. 31	Existing	Projected	Total				
Actual							
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		1,044
2018	64.4		64.4	82.1	0.9		1,035
2019	61.1		61.1	73.7	0.9		975
2020	75.4		75.4	85.1	1.0		1,172
2021	66.6		66.6	71.6	0.9		1,031
2022	68.3		68.3	70.6	0.8		1,057
Projected							
2023	61.0	8.9	69.9	63.5	0.7		1,082
2024	53.3	40.8	94.1	85.5	0.9		1,456
2025	46.0	46.0	92.0	83.6	0.9		1,424
2026	39.2	50.1	89.3	81.1	0.9		1,382
2027	33.3	51.8	85.1	77.3	0.9		1,317

(1) This column lists outstanding amounts of existing debt each year. Note that 51% of the amount of outstanding debt at December 31, 2022 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 2021-2027 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.