

2023-2027 Capital Improvement Plan



City of Northfield, Minnesota

Capital Improvement Plan

2023 thru 2027

PROJECTS BY DEPARTMENT

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
City Facilities								
City Hall RTU 11 replacement	F-2027-001	2					20,000	20,000
Street Shop Make up air unit replacement	F-2027-002	2					30,000	30,000
City Hall-Training Room Carpet	F-2026-006	3				10,000		10,000
City Hall-roof replacement	F-2026-005	1				300,000		300,000
CITY HALL RTU 12 REPLACEMENT	F-2026-004	2				20,000		20,000
City hall-elevator modernization	F-2026-003	2				100,000		100,000
Library-Retaining Wall/Landscape Repair	F-2026-001	3				50,000		50,000
Pool- replaster	F-2025-002	2			200,000			200,000
City Hall- Boiler replacement	F-2025-001	2			150,000			150,000
New Ice Arena	F-2024-006	n/a		18,000,000				18,000,000
Police Department Fence	F-2023-004	2	150,000					150,000
Street shop-raidian heat	F-2023-003	n/a	75,000					75,000
City Hall-Exterior improvements at City Hall	F-2023-002	3		350,000				350,000
Pool- pump replacement	F-2025-003	1			15,000			15,000
Street shop-trench drains	F-2022-011	2		55,000	55,000			110,000
City Facilities Total			225,000	18,405,000	420,000	480,000	50,000	19,580,000
Engineering Division								
Spring Creek Road Reclamation	E-2027-007	2					536,573	536,573
Spring Creek Road Reconstruction	E-2026-003	2				2,208,624		2,208,624
TH 19 Trail	E-2026-005	1				1,500,018		1,500,018
Fremouw Avenue Railroad Crossing Medians	E-2026-006	2				290,000		290,000
Third Street Railroad Crossing Signal	E-2026-007	2				300,000		300,000
Mill Towns Trail-Prairie Street to Woodley Street	E-2026-008	1				1,169,885		1,169,885
Prairie Street Sidewalk	E-2026-009	1				129,465		129,465
Eaves Avenue Mill and Overlay	E-2027-002	2					430,408	430,408
2027 Sidewalk Gaps Project	E-2027-003	1					534,821	534,821
Mill Towns Trail - Woodley To Wall Street	E-2027-006	1					1,057,834	1,057,834
Jefferson Parkway Mill and Overlay	E-2026-002	2				864,558		864,558
2024 Water Street South Reconstruction	E-2024-002	2		2,163,846				2,163,846
2027 Seal Coat	E-2027-005	2					38,184	38,184
2026 Mill and Overlay Project	E-2026-001	2				1,121,005		1,121,005
2025 Sidewalk/Trail Improvements Project	E-2025-003	1			1,878,639			1,878,639
2025 Mill and Overlay Project	E-2025-002	2			759,190			759,190
2025 Street Reclamation Project	E-2025-001	2			2,115,652			2,115,652
Jefferson Parkway Mill and Overlay	E-2024-005	2		1,815,488				1,815,488
Wall Street Road Reconstruction	E-2024-003	2		3,295,484				3,295,484
2024 College & Winona Street Reconstruction	E-2024-001	2		5,105,868				5,105,868
2023 Sidewalk/Trail Improvements	E-2023-003	1	625,013					625,013
2023 Mill and Overlay Project	E-2023-002	2	2,313,668					2,313,668
Southwest Area Reclamation	E-2023-001	2	1,276,385					1,276,385
Sechler Road Railroad Crossing Improvement	E-2022-003	2		600,000				600,000
2024 Sidewalk/Trail Improvements	E-2024-004	1		2,868,280				2,868,280
Engineering Division Total			4,215,066	15,848,966	4,753,481	7,583,555	2,597,820	34,998,888

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Information Technology								
VXRail Server Upgrade	IT-2023-001	1	120,000					120,000
Phone System Upgrade	IT-2025-001	3			100,000			100,000
Information Technology Total			120,000		100,000			220,000
NCRC								
LED lighting upgrade	NCRC 2023-02	3	90,000					90,000
Exterior Painting	NCRC 2024-01	3		10,000				10,000
Chiller replacement	NCRC 2025-01	1			75,000			75,000
Boiler replacement	NCRC 2027-01	2					48,000	48,000
NCRC-Air handling units replacement	NCRC-2024-02	2		130,000	130,000			260,000
Dry sprinkler piping replacement	NCRC 2023-01	1	130,000					130,000
NCRC Total			220,000	140,000	205,000		48,000	613,000
Park Division								
East Riverwalk Entry Improvements	P-2024-003	2		250,000				250,000
Replace Babcock Park Hockey Rink Boards	P-2022-001	2	125,000					125,000
Babcock Park Bathroom & Softball Field Improvement	P-2022-002	2	2,500,000					2,500,000
Spring Creek Park Ped Bridge (Prairie to Huron)	P-2023-001	2	180,000					180,000
Softball Field Lighting - Sechler No. 1	P-2023-002	3	295,000					295,000
Bridge Square Phase 1 Improvements	P-2024-001	2		5,000,000				5,000,000
West Riverwalk Entry Improvement	P-2024-002	2		600,000				600,000
Park Division Total			3,100,000	5,850,000				8,950,000
Stormwater Division								
Neighborhood Flooding Storm Improvements	SW-2024-002	2		1,122,800				1,122,800
Lincoln Waterway Repair (RR Tracks)	SW-2023-002	2	1,000,000					1,000,000
West Riverwall Floodwall Extension	SW-2021-001	2		2,000,000				2,000,000
2023 Storm Sewer Repairs	SW-2023-001	2	1,095,553					1,095,553
Stormwater Division Total			2,095,553	3,122,800				5,218,353
Street Division								
Hwy 3 LED Street Light Conversion	ST-2024-002	2		245,000				245,000
Street Division Total				245,000				245,000
Wastewater Division								
Pretreatment Roof Replacement	WW-2023-006	2	371,315					371,315
Process Lift Pumps	WW-2026-003	2				243,448		243,448
Preliminary Treatment	WW-2026-002	2				347,782		347,782
WWTP Generator Replacement	WW-2026-001	1				695,564		695,564
Sanitary Sewer Lining Project	WW-2024-001	2		500,000				500,000
Control System and Card Access System Upgrades	WW-2022-003	1	830,365					830,365
Operations Building Roof Replacement	WW-2023-008	2	61,532					61,532
Primary Clarification	WW-2023-007	2	375,559					375,559
BAF Roof Replacement	WW-2023-004	2	339,488					339,488
Rooftop Solar	WW-2023-002	2	397,838					397,838
Influent Lift Pumps Replacement	WW-2022-004	2	711,988					711,988
Biosolids Liquid Storage	WW-2022-002	2	3,635,868					3,635,868
BAF Blower Replacements	WW-2022-001	2	2,016,695					2,016,695
UV Disinfection Roof Replacement	WW-2023-005	2	37,132					37,132
HVAC Equipment Replacement	WW-2022-005	2	205,167					205,167

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Wastewater Division Total			8,982,947	500,000		1,286,794		10,769,741
Water Division								
Drinking Water Treatment Plant	W-2022-003	1	32,450,000					32,450,000
Meter Replacement	W-2027-001	2					2,000,000	2,000,000
Hall Ave. Elevated Tank Painting	W-2026-002	2				1,000,000		1,000,000
NW Area Water Tower	W-2025-002	2		5,000,000				5,000,000
Well No. 03 Generator Replacement	W-2024-004	2		120,000				120,000
Well No. 04 MCC Replacement	W-2024-003	2		200,000				200,000
Well No. 03 MCC Replacement	W-2024-001	2		200,000				200,000
St. Olaf South Ground Storage Tank Painting	W-2027-002	2					1,000,000	1,000,000
Well No. 04 Generator Replacement	W-2024-002	2		120,000				120,000
Water Division Total			32,450,000	5,640,000		1,000,000	3,000,000	42,090,000
GRAND TOTAL			51,408,566	49,751,766	5,478,481	10,350,349	5,695,820	122,684,982

City of Northfield, Minnesota

Capital Improvement Plan

2023 thru 2027

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2023	2024	2025	2026	2027	Total
Bonded Dollars								
Southwest Area Reclamation	E-2023-001	2	812,343					812,343
2023 Mill and Overlay Project	E-2023-002	2	1,348,344					1,348,344
2023 Sidewalk/Trail Improvements	E-2023-003	1	439,192					439,192
2024 College & Winona Street Reconstruction	E-2024-001	2		1,617,670				1,617,670
2024 Water Street South Reconstruction	E-2024-002	2		815,447				815,447
Wall Street Road Reconstruction	E-2024-003	2		753,737				753,737
2024 Sidewalk/Trail Improvements	E-2024-004	1		2,452,280				2,452,280
Jefferson Parkway Mill and Overlay	E-2024-005	2		1,545,255				1,545,255
2025 Street Reclamation Project	E-2025-001	2			1,418,734			1,418,734
2025 Mill and Overlay Project	E-2025-002	2			509,600			509,600
2025 Sidewalk/Trail Improvements Project	E-2025-003	1			1,413,391			1,413,391
2026 Mill and Overlay Project	E-2026-001	2				565,845		565,845
Jefferson Parkway Mill and Overlay	E-2026-002	2				494,645		494,645
Fremouw Avenue Railroad Crossing Medians	E-2026-006	2				187,190		187,190
Mill Towns Trail-Prairie Street to Woodley Street	E-2026-008	1				755,142		755,142
Prairie Street Sidewalk	E-2026-009	1				129,465		129,465
North Avenue and Decker Avenue Reclamation	E-2027-001	2					754,877	754,877
Eaves Avenue Mill and Overlay	E-2027-002	2					276,653	276,653
2027 Sidewalk Gaps Project	E-2027-003	1					369,693	369,693
Mill Towns Trail - Woodley To Wall Street	E-2027-006	1					731,224	731,224
Spring Creek Road Reclamation	E-2027-007	2					330,259	330,259
New Ice Arena	F-2024-006	n/a		5,000,000				5,000,000
Babcock Park Bathrom & Softball Field Improvement	P-2022-002	2	2,500,000					2,500,000
Softball Field Lighting - Sechler No. 1	P-2023-002	3	295,000					295,000
Bridge Square Phase 1 Improvements	P-2024-001	2		5,000,000				5,000,000
West Riverwalk Entry Improvement	P-2024-002	2		600,000				600,000
East Riverwalk Entry Improvements	P-2024-003	2		250,000				250,000
Hwy 3 LED Street Light Conversion	ST-2024-002	2		245,000				245,000
Bonded Dollars Total			5,394,879	18,279,389	3,341,725	2,132,287	2,462,706	31,610,986
Capital Reserve Fund								
Sechler Road Railroad Crossing Improvement	E-2022-003	2		60,000				60,000
Third Street Railroad Crossing Signal	E-2026-007	2				30,000		30,000
Capital Reserve Fund Total				60,000		30,000		90,000
City Facilities Fund								
Street shop-trench drains	F-2022-011	2		55,000	55,000			110,000
City Hall-Exterior improvements at City Hall	F-2023-002	3		350,000				350,000
Street shop-raidian heat	F-2023-003	n/a	75,000					75,000
Police Department Fence	F-2023-004	2	150,000					150,000
City Hall- Boiler replacement	F-2025-001	2			150,000			150,000
Pool- replaster	F-2025-002	2			200,000			200,000

Source	Project #	Priority	2023	2024	2025	2026	2027	Total
Pool- pump replacement	F-2025-003	1			15,000			15,000
Library-Retaining Wall/Landscape Repair	F-2026-001	3				50,000		50,000
City hall-elevator modernization	F-2026-003	2				100,000		100,000
CITY HALL RTU 12 REPLACEMENT	F-2026-004	2				20,000		20,000
City Hall-Training Room Carpet	F-2026-006	3				10,000		10,000
City Hall RTU 11 replacement	F-2027-001	2					20,000	20,000
Street Shop Make up air unit replacement	F-2027-002	2					30,000	30,000

City Facilities Fund Total

225,000	405,000	420,000	180,000	50,000	1,280,000
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Franchise Fees

Southwest Area Reclamation	E-2023-001	2	343,699					343,699
2023 Mill and Overlay Project	E-2023-002	2	570,480					570,480
2023 Sidewalk/Trail Improvements	E-2023-003	1	185,821					185,821
2024 College & Winona Street Reconstruction	E-2024-001	2		274,419				274,419
2024 Water Street South Reconstruction	E-2024-002	2		138,331				138,331
Wall Street Road Reconstruction	E-2024-003	2		127,863				127,863
2024 Sidewalk/Trail Improvements	E-2024-004	1		416,000				416,000
Jefferson Parkway Mill and Overlay	E-2024-005	2		143,387				143,387
2025 Street Reclamation Project	E-2025-001	2			467,006			467,006
2025 Mill and Overlay Project	E-2025-002	2			167,746			167,746
2025 Sidewalk/Trail Improvements Project	E-2025-003	1			465,248			465,248
2026 Mill and Overlay Project	E-2026-001	2				310,777		310,777
Jefferson Parkway Mill and Overlay	E-2026-002	2				271,671		271,671
Fremouw Avenue Railroad Crossing Medians	E-2026-006	2				102,810		102,810
Mill Towns Trail-Prairie Street to Woodley Street	E-2026-008	1				414,743		414,743
North Avenue and Decker Avenue Reclamation	E-2027-001	2					337,176	337,176
Eaves Avenue Mill and Overlay	E-2027-002	2					123,571	123,571
2027 Sidewalk Gaps Project	E-2027-003	1					165,128	165,128
Mill Towns Trail - Woodley To Wall Street	E-2027-006	1					326,610	326,610
Spring Creek Road Reclamation	E-2027-007	2					147,514	147,514

Franchise Fees Total

1,100,000	1,100,000	1,100,000	1,100,001	1,099,999	5,500,000
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Grant

2024 Sidewalk/Trail Improvements	E-2024-004	1		0				0
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Grant Total

0	0
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IT

VXRail Server Upgrade	IT-2023-001	1	120,000					120,000
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IT Total

120,000	120,000
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MSA

Spring Creek Road Reconstruction	E-2026-003	2				1,010,064		1,010,064
2027 Seal Coat	E-2027-005	2	38,071					38,071

MSA Total

38,071	1,010,064	1,048,135
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NCRC Fund

Dry sprinkler piping replacement	NCRC 2023-01	1	130,000					130,000
LED lighting upgrade	NCRC 2023-02	3	90,000					90,000

Source	Project #	Priority	2023	2024	2025	2026	2027	Total
Exterior Painting	NCRC 2024-01	3		10,000				10,000
Chiller replacement	NCRC 2025-01	1			75,000			75,000
Boiler replacement	NCRC 2027-01	2					48,000	48,000
NCRC-Air handling units replacement	NCRC-2024-02	2		130,000	130,000			260,000
NCRC Fund Total			220,000	140,000	205,000		48,000	613,000

Other

Sechler Road Railroad Crossing Improvement	E-2022-003	2		540,000				540,000
TH 19 Trail	E-2026-005	1				1,500,018		1,500,018
Third Street Railroad Crossing Signal	E-2026-007	2				270,000		270,000
New Ice Arena	F-2024-006	n/a	13,000,000					13,000,000
Other Total			13,000,000	540,000		1,770,018		15,310,018

Park Fund

Replace Babcock Park Hockey Rink Boards	P-2022-001	2	125,000					125,000
Spring Creek Park Ped Bridge (Prairie to Huron)	P-2023-001	2	180,000					180,000
Park Fund Total			305,000					305,000

Revenue Bond

NW Area Water Tower	W-2025-002	2		5,000,000				5,000,000
Meter Replacement	W-2027-001	2					2,000,000	2,000,000
St. Olaf South Ground Storage Tank Painting	W-2027-002	2					1,000,000	1,000,000
Revenue Bond Total				5,000,000			3,000,000	8,000,000

Rice County

Wall Street Road Reconstruction	E-2024-003	2		1,077,511				1,077,511
Rice County Total				1,077,511				1,077,511

Stormwater Fund

Southwest Area Reclamation	E-2023-001	2	46,939					46,939
2023 Mill and Overlay Project	E-2023-002	2	169,579					169,579
2024 College & Winona Street Reconstruction	E-2024-001	2		586,008				586,008
2024 Water Street South Reconstruction	E-2024-002	2		23,725				23,725
Wall Street Road Reconstruction	E-2024-003	2		118,625				118,625
Jefferson Parkway Mill and Overlay	E-2024-005	2		90,061				90,061
2025 Street Reclamation Project	E-2025-001	2			126,451			126,451
2025 Mill and Overlay Project	E-2025-002	2			58,109			58,109
2026 Mill and Overlay Project	E-2026-001	2				79,792		79,792
Jefferson Parkway Mill and Overlay	E-2026-002	2				69,751		69,751
Spring Creek Road Reconstruction	E-2026-003	2				480,312		480,312
North Avenue and Decker Avenue Reclamation	E-2027-001	2					73,920	73,920
Eaves Avenue Mill and Overlay	E-2027-002	2					16,601	16,601
Spring Creek Road Reclamation	E-2027-007	2					32,340	32,340
West Riverwall Floodwall Extension	SW-2021-001	2		2,000,000				2,000,000
2023 Storm Sewer Repairs	SW-2023-001	2	915,553					915,553
Lincoln Waterway Repair (RR Tracks)	SW-2023-002	2	1,000,000					1,000,000
Neighborhood Flooding Storm Improvements	SW-2024-002	2		1,122,800				1,122,800

Source	Project #	Priority	2023	2024	2025	2026	2027	Total
Stormwater Fund Total			2,132,071	3,941,219	184,560	629,855	122,861	7,010,566
Waste Water Fund								
Southwest Area Reclamation	E-2023-001	2	21,336					21,336
2023 Mill and Overlay Project	E-2023-002	2	33,438					33,438
2024 College & Winona Street Reconstruction	E-2024-001	2		1,399,043				1,399,043
2024 Water Street South Reconstruction	E-2024-002	2		631,617				631,617
Wall Street Road Reconstruction	E-2024-003	2		648,337				648,337
Jefferson Parkway Mill and Overlay	E-2024-005	2		17,758				17,758
2025 Street Reclamation Project	E-2025-001	2			57,478			57,478
2025 Mill and Overlay Project	E-2025-002	2			11,458			11,458
2026 Mill and Overlay Project	E-2026-001	2				15,734		15,734
Jefferson Parkway Mill and Overlay	E-2026-002	2				13,754		13,754
Spring Creek Road Reconstruction	E-2026-003	2				262,800		262,800
North Avenue and Decker Avenue Reclamation	E-2027-001	2					33,600	33,600
Eaves Avenue Mill and Overlay	E-2027-002	2					7,546	7,546
Spring Creek Road Reclamation	E-2027-007	2					14,700	14,700
BAF Blower Replacements	WW-2022-001	2	2,016,695					2,016,695
Biosolids Liquid Storage	WW-2022-002	2	3,635,868					3,635,868
Control System and Card Access System Upgrades	WW-2022-003	1	830,365					830,365
Influent Lift Pumps Replacement	WW-2022-004	2	711,988					711,988
HVAC Equipment Replacement	WW-2022-005	2	205,167					205,167
Rooftop Solar	WW-2023-002	2	397,838					397,838
BAF Roof Replacement	WW-2023-004	2	339,488					339,488
UV Disinfection Roof Replacement	WW-2023-005	2	37,132					37,132
Pretreatment Roof Replacement	WW-2023-006	2	371,315					371,315
Primary Clarification	WW-2023-007	2	375,559					375,559
Operations Building Roof Replacement	WW-2023-008	2	61,532					61,532
Sanitary Sewer Lining Project	WW-2024-001	2		500,000				500,000
WWTP Generator Replacement	WW-2026-001	1				695,564		695,564
Preliminary Treatment	WW-2026-002	2				347,782		347,782
Process Lift Pumps	WW-2026-003	2				243,448		243,448
Waste Water Fund Total			9,037,721	3,196,755	68,936	1,579,082	55,846	13,938,340
Water Fund								
Southwest Area Reclamation	E-2023-001	2	52,068					52,068
2023 Mill and Overlay Project	E-2023-002	2	191,827					191,827
2024 College & Winona Street Reconstruction	E-2024-001	2		1,228,729				1,228,729
2024 Water Street South Reconstruction	E-2024-002	2		554,726				554,726
Wall Street Road Reconstruction	E-2024-003	2		569,411				569,411
Jefferson Parkway Mill and Overlay	E-2024-005	2		19,027				19,027
2025 Street Reclamation Project	E-2025-001	2			45,982			45,982
2025 Mill and Overlay Project	E-2025-002	2			12,277			12,277
2026 Mill and Overlay Project	E-2026-001	2				148,857		148,857
Jefferson Parkway Mill and Overlay	E-2026-002	2				14,736		14,736
Spring Creek Road Reconstruction	E-2026-003	2				455,448		455,448
North Avenue and Decker Avenue Reclamation	E-2027-001	2					26,880	26,880
Eaves Avenue Mill and Overlay	E-2027-002	2					6,037	6,037
Spring Creek Road Reclamation	E-2027-007	2					11,760	11,760
Drinking Water Treatment Plant	W-2022-003	1	32,450,000					32,450,000
Well No. 03 MCC Replacement	W-2024-001	2		200,000				200,000
Well No. 04 Generator Replacement	W-2024-002	2		120,000				120,000

Source	Project #	Priority	2023	2024	2025	2026	2027	Total
Well No. 04 MCC Replacement	W-2024-003	2		200,000				200,000
Well No. 03 Generator Replacement	W-2024-004	2		120,000				120,000
Hall Ave. Elevated Tank Painting	W-2026-002	2				1,000,000		1,000,000
Water Fund Total			32,693,895	3,011,893	58,259	1,619,041	44,677	37,427,765
GRAND TOTAL			64,266,637	36,751,767	5,378,480	10,050,348	6,884,089	123,331,321

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI)

Priority 2 Very Important

Project # F-2022-011

Project Name Street shop-trench drains

Total Project Cost: \$110,000

Description

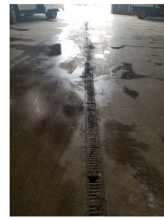
Replace the exhistng trench drains at street shop

Justification

The current drains are too small and are prone to clogging and flooding

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		55,000	55,000			110,000
Total		55,000	55,000			110,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund		55,000	55,000			110,000
Total		55,000	55,000			110,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI

Priority 3 Important

Project # F-2023-002

Project Name City Hall-Exterior improvements at City Hall

Total Project Cost: \$350,000

Description

Add new exterior materials to the painted areas of City Hall

Justification

Old paint is fading and peeling. Adding archetrical steel panels to the façade will modernize the look of the building and reduce painting related maintenance costs

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		350,000				350,000
Total		350,000				350,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund		350,000				350,000
Total		350,000				350,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project # F-2023-003

Project Name Street shop-raidian heat

Total Project Cost: \$75,000

Description

Replace current radiant tube heaters at street shop

Justification

The current radianat tube heaters are past their useful life and parts are increasingly difficult to find.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	75,000					75,000
Total	75,000					75,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund	75,000					75,000
Total	75,000					75,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project #	F-2023-004
Project Name	Police Department Fence

Description	Total Project Cost: \$150,000
This project will add perimeter fence to the Police Department. Wrought iron along the front, and black vinyl chain link along the rear.	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	150,000					150,000
Total	150,000					150,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund	150,000					150,000
Total	150,000					150,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Facility

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2024-006
Project Name	New Ice Arena

Total Project Cost: \$18,000,000

Description

This project is a collaboration with the School District on building a new ice arena. This project will harness funding from the sale of the existing area. The ice arena maybe be paired with the fieldhouse on the High School site or the arena could stand alone on the Northfield Hockey Association Property.

Justification

The existitng arena has reached its useful life and need to be replaced.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		18,000,000				18,000,000
Total		18,000,000				18,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		5,000,000				5,000,000
Other	13,000,000					13,000,000
Total	13,000,000	5,000,000				18,000,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life 20 years

Category Capital Improvement Plan (CI)

Priority 2 Very Important

Project #	F-2025-001
Project Name	City Hall- Boiler replacement

Description	Total Project Cost: \$150,000
Remove and replace steam boiler with high efficiency condensing boiler. The boiler has reached its life expectancy and needs to be replaced.	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance			150,000			150,000
Total			150,000			150,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund			150,000			150,000
Total			150,000			150,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Maintenance

Useful Life

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project # F-2025-002

Project Name Pool- replaster

Total Project Cost: \$200,000

Description

Replaster the Main pool and tot pool.

Justification

The current plaster is cracking and leaking and is stained and faded. The tile beds are eroding and tiles are becoming loose. The cracking plaster and loose tiles present locations to injure a swimmer.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance			200,000			200,000
Total			200,000			200,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund			200,000			200,000
Total			200,000			200,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority 1 Critical

Project # F-2025-003

Project Name Pool- pump replacement

Total Project Cost: \$15,000

Description

Replace the main pump for the large pool

Justification

The main pump is original and is approaching the end of its useful lifecycle.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings			15,000			15,000
Total			15,000			15,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund			15,000			15,000
Total			15,000			15,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI)

Priority 3 Important

Project #	F-2026-001
Project Name	Library-Retaining Wall/Lanscape Repair

Description	Total Project Cost: \$50,000
Reconfigure the landscaping at City Library	

Justification
The current landscaping at the library is not desinged for erosion control and is difficult to maintain.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				50,000		50,000
Total				50,000		50,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				50,000		50,000
Total				50,000		50,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI)

Priority 2 Very Important

Project #	F-2026-003
Project Name	City hall-elevator modernization

Description	Total Project Cost: \$100,000
Moderinze elevator car and equipment	

Justification
The elevator requires regular updating and the moderinzation process is substantially less expensive than replacement.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings				100,000		100,000
Total				100,000		100,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				100,000		100,000
Total				100,000		100,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project #	F-2026-004
Project Name	CITY HALL RTU 12 REPLACEMENT

Description	Total Project Cost: \$20,000
REPLACE RTU 12 AT CITY HALL	

Justification
RTU 12 has reached the end of its life expectancy and needs to be replaced.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings				20,000		20,000
Total				20,000		20,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				20,000		20,000
Total				20,000		20,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI

Priority 1 Critical

Project # F-2026-005

Project Name City Hall-roof replacement

Total Project Cost: \$300,000

Description

Replace fully adheared roofing material at City Hall

Justification

The roofing material has reached the end of its useful life and needs to be replaced.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				300,000		300,000
Total				300,000		300,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Improvement

Useful Life 10 years

Category Capital Improvement Plan (CI

Priority 3 Important

Project #	F-2026-006
Project Name	City Hall-Training Room Carpet

Description	Total Project Cost: \$10,000
Replace carpet in training room.	

Justification
The current carpet will have reached the end of its useful life and needs to be replaced.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings				10,000		10,000
Total				10,000		10,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				10,000		10,000
Total				10,000		10,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project # F-2027-001

Project Name City Hall RTU 11 replacement

Total Project Cost: \$20,000

Description

The roof top unit #11 has reached the end of its useful life and needs to be replaced.

Justification

The RTU has reached the end of it's useful life and should be replaced in order to keep maintenance costs down.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings					20,000	20,000
Total					20,000	20,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund					20,000	20,000
Total					20,000	20,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project # F-2027-002

Project Name Street Shop Make up air unit replacement

Total Project Cost: \$30,000

Description

Replace the make up air units at the street shop.

Justification

The make up air units at the street shop bring fresh air into the garage and shop areas. Both units have reached the end of their life expectancy and need to be replaced.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings					30,000	30,000
Total					30,000	30,000

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund					30,000	30,000
Total					30,000	30,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type New Infrastructure
Useful Life
Category Capital Improvement Plan (CI)
Priority 2 Very Important

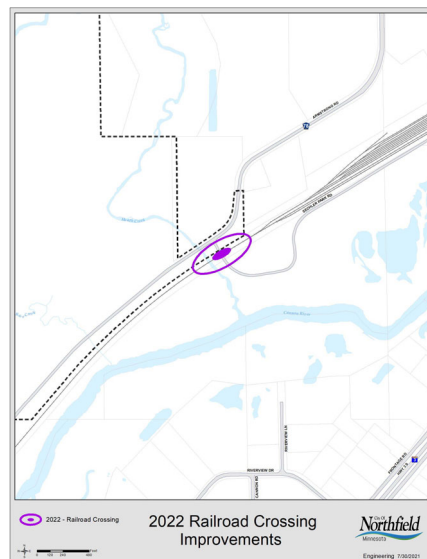
Project #	E-2022-003
Project Name	Sechler Road Railroad Crossing Improvement

Description	Total Project Cost: \$600,000
This project is in coordination with the states railroad highway grade crossing safety improvement program. The state will fund 90% of the improvement and the City will cover 10%.	
This project will install gates and flashing lights.	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		600,000				600,000
Total		600,000				600,000

Funding Sources	2023	2024	2025	2026	2027	Total
Capital Reserve Fund		60,000				60,000
Other		540,000				540,000
Total		600,000				600,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

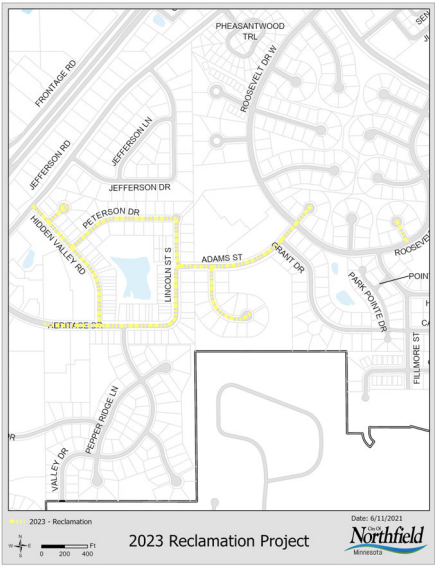
Department Engineering Division
Contact Public Works Director
Type Road
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	E-2023-001
Project Name	Southwest Area Reclamation

Description	Total Project Cost: \$1,276,385
Full depth pavement reclamation on Heritage Drive, Hidden Valley Road, Peterson Drive, Lincoln Street, Adams Street, Taylor Court, Thomas Court, Tyler Court, Adams Court. This project will include bikeways on Heritage Drive, Lincoln Street and Adams Street. This proeject will include pedestrian crossing improvements at Roosevelt Drive and Truman Court, Heritage Drive and Hidden Valley Road, and Jefferson Road and Hidden Valley Road.	
Justification	These road segments have been identified by Public Works personnel to be likely candidates for a full depth pavement reclamation based on the current pavement condition, coupled with the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	1,276,385					1,276,385
Total	1,276,385					1,276,385

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars	812,343					812,343
Franchise Fees	343,699					343,699
Stormwater Fund	46,939					46,939
Waste Water Fund	21,336					21,336
Water Fund	52,068					52,068
Total	1,276,385					1,276,385



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Unassigned
Useful Life 15 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

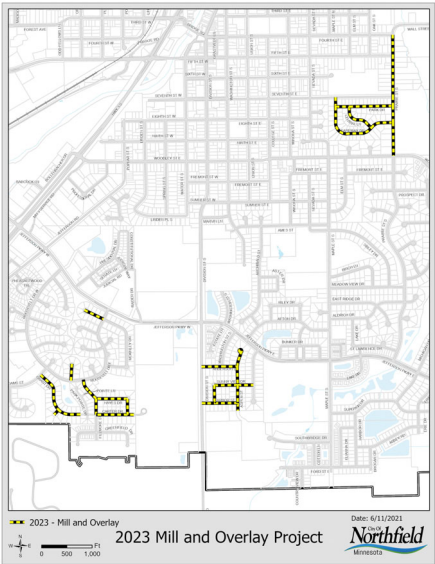
Project #	E-2023-002
Project Name	2023 Mill and Overlay Project

Description	Total Project Cost: \$2,313,668
Pavement Mill and Overlay and ADA upgrades on Jefferson Parkway, Prairie Street, Park Drive, Central Lane, Fareway Drive, Grant Drive, Grant Drive, Grant Court, Hayes Drive, Ford Street, Johson Street, Carter Drive, Harrison Court, Johnson Court, Anderson Drive, Aspen Court, Aspen Street, Arbor Street, and Sunny View Drive. This project will include a trail/bikeway on Maple Street and a bikeway on Prairie Street. This project will include pedestrian crossing improvements at Seventh Street and Fareway Drive, Seventh Street and Prairie Street, and Woodley Street and Prairie Street This project will include pedestrian crossing improvement at Anderson Drive and Division Street and Arbor Street and Division Street.	

Justification
These road segments have been identified by Public Works personnel as a likely candidate for a 2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	2,313,668					2,313,668
Total	2,313,668					2,313,668

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars	1,348,344					1,348,344
Franchise Fees	570,480					570,480
Stormwater Fund	169,579					169,579
Waste Water Fund	33,438					33,438
Water Fund	191,827					191,827
Total	2,313,668					2,313,668



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

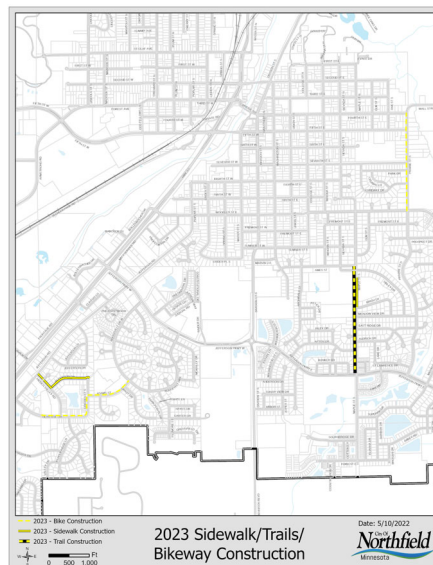
Project #	E-2023-003
Project Name	2023 Sidewalk/Trail Improvements

Description	Total Project Cost: \$625,013
High Priority Gaps to meet the Strategic Plan target of getting 50% of the gap complete by 2024. This includes sidewalk on Hidden Valley Road and Peterson Drive. A trail /bikeway on the West Side of Maple Street.	
This project also includes pedestrian crossing improvements at Ames Street and Maple Street and Sibley Street and Maple Street.	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	625,013					625,013
Total	625,013					625,013

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars	439,192					439,192
Franchise Fees	185,821					185,821
Total	625,013					625,013



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	E-2024-001
Project Name	2024 College & Winona Street Reconstruction

Description	Total Project Cost: \$5,105,868
Complete infrastructure replacement on College Street from Seventh Street to Woodley Street, Winona Street from Seventh Street to Woodley Street, Eighth Street from College Street to Winona Street, and Ninth Street from College Street to Woodley Street. This includes sidewalks on both sides of the reconstructed streets.	
Project includes pedestrian crossing improvements at Eighth Street and Winona Street	
Justification	This project area has been identified Public Works personnel as a likely candidate for a complete reconstruction based on the current pavement condition, and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		5,105,868				5,105,868
Total		5,105,868				5,105,868

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		1,617,670				1,617,670
Franchise Fees		274,419				274,419
Stormwater Fund		586,008				586,008
Waste Water Fund		1,399,043				1,399,043
Water Fund		1,228,729				1,228,729
Total		5,105,869				5,105,869



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Road
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	E-2024-002
Project Name	2024 Water Street South Reconstruction

Description	Total Project Cost: \$2,163,846
Water Street South Reconstruction - complete street reconstruction due to aging infrastructure. This includes new sidewalks on both sides of the reconstruction area.	

Justification
This project area has been identified Public Works personnel as a likely candidate for a complete reconstruction based on the current pavement condition, and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		2,163,846				2,163,846
Total		2,163,846				2,163,846

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		815,447				815,447
Franchise Fees		138,331				138,331
Stormwater Fund		23,725				23,725
Waste Water Fund		631,617				631,617
Water Fund		554,726				554,726
Total		2,163,846				2,163,846



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

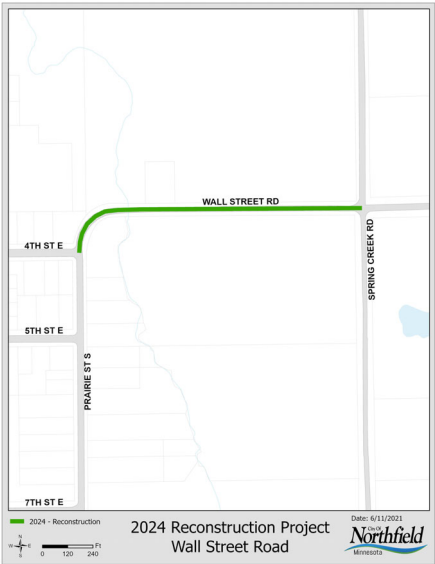
Department Engineering Division
Contact Public Works Director
Type Road
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	E-2024-003
Project Name	Wall Street Road Reconstruction

Description	Total Project Cost: \$3,295,484
Reconstruction of Wall Street Road from Prairie Street to the eastern City Limits. This project will be scoped in 2022 with Rice County. Upgrades to this corridor will include extencion of the trail on the south side of wall street from Prairie Street to where it terminates east of Spring Creek Road. In addition, the Bridge will be widen to support the trail. A trail on the North Side of Wall Street from Spring Creek Road to the eastern city limiits will be included to prepare for future development east and north of Oaklawn Cemetery. This project will also include pedestrian crossing improvements at Wall Street Road and Spring Creek Road.	
Justification	Complete reconstruction of Wall Street Road from Fourth Street to Rosewood Road to match the timeline of Rice County's plan for reconstrucion on County Road 78

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		3,295,484				3,295,484
Total		3,295,484				3,295,484

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		753,737				753,737
Franchise Fees		127,863				127,863
Rice County		1,077,511				1,077,511
Stormwater Fund		118,625				118,625
Waste Water Fund		648,337				648,337
Water Fund		569,411				569,411
Total		3,295,484				3,295,484



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

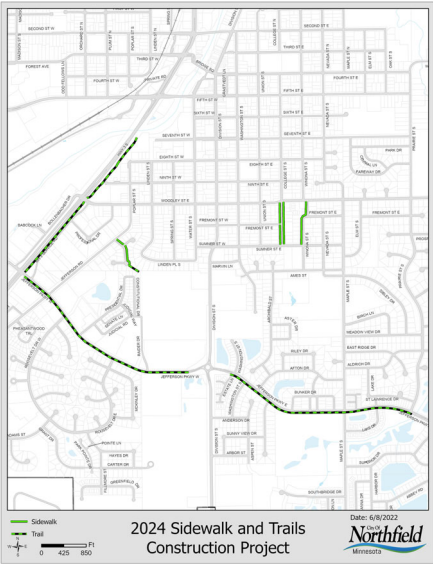
Department Engineering Division
Contact Public Works Director
Type New Infrastructure
Useful Life
Category Capital Improvement Plan (CI)
Priority 1 Critical

Project #	E-2024-004
Project Name	2024 Sidewalk/Trail Improvements

Description	Total Project Cost: \$2,868,280
Sidewalk and Trail Improvements filling in the gaps. In addition, a segment of Mill Towns Trail will be constructed on the south side of Jefferson Pkwy with this project. The City has a 2022 bonding request into the state to build the MTT from Riverside Park to Waterford Bridge. This project also includes pedestrian crossing improvements at Jefferson Road and Spruce Court, Linden Place and Water Street, and College Street and Woodley Street.	
Justification	Identified High Priority Sidewalk Gap

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		2,868,280				2,868,280
Total		2,868,280				2,868,280

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		2,452,280				2,452,280
Franchise Fees		416,000				416,000
Grant		0				0
Total		2,868,280				2,868,280



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division

Contact Public Works Director

Type Improvement

Useful Life

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project # **E-2024-005**

Project Name **Jefferson Parkway Mill and Overlay**

Description

Total Project Cost: \$1,815,488

Mill and Overlay on Jefferson Parkway from TH 3 to TH 246, this construcion will include construction of a portion of the Mill Towns State Trail and a mini roundabout at the intersection of Jefferson Parkway and Jefferson Road.

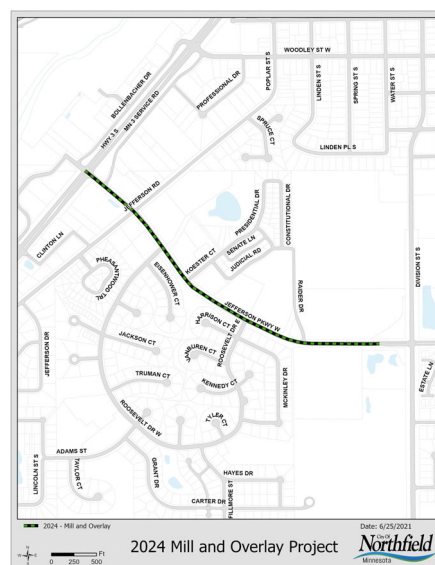
This project also includes pedestrian crossing improvements at Jefferson Parkway and Jefferson Road, Jefferson Parkway and Roosevelt Drive West, Jefferson Parkway and Roosevelt Drive East, and Jefferson Parkway and Raider Drive.

Justification

This road segment has been identified by Public Works personnel as a likely candidate for a 2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		1,815,488				1,815,488
Total		1,815,488				1,815,488

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		1,545,255				1,545,255
Franchise Fees		143,387				143,387
Stormwater Fund		90,061				90,061
Waste Water Fund		17,758				17,758
Water Fund		19,027				19,027
Total		1,815,488				1,815,488



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director

Project # E-2025-001
Project Name 2025 Street Reclamation Project

Type Improvement
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Description

Total Project Cost: \$2,115,652

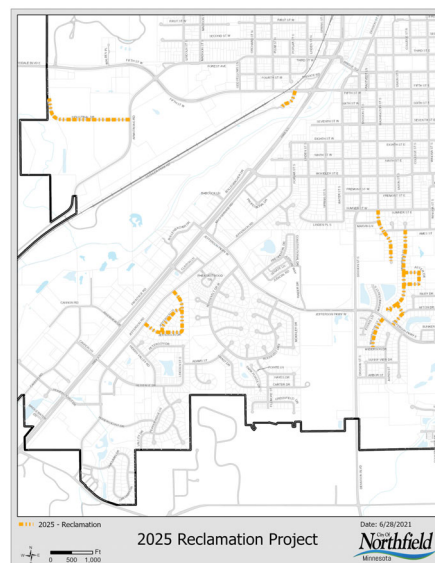
Pavement Reclamation on Industrial Drive and Laurel Court

This project includes pedestrian crossing improvements at Industrial Drive and Armstrong Road.

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance			2,115,652			2,115,652
Total			2,115,652			2,115,652

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars			1,418,734			1,418,734
Franchise Fees			467,006			467,006
Stormwater Fund			126,451			126,451
Waste Water Fund			57,478			57,478
Water Fund			45,982			45,982
Total			2,115,651			2,115,651



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life 15 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # E-2025-002
Project Name 2025 Mill and Overlay Project

Description

Total Project Cost: \$759,190

Mill and Overlay on Maple Street from Jefferson Parkway to Ford Street, Superior Drive from Maple Street to Michigan Drive, Lake Drive from Maple Street to Jefferson Parkway.

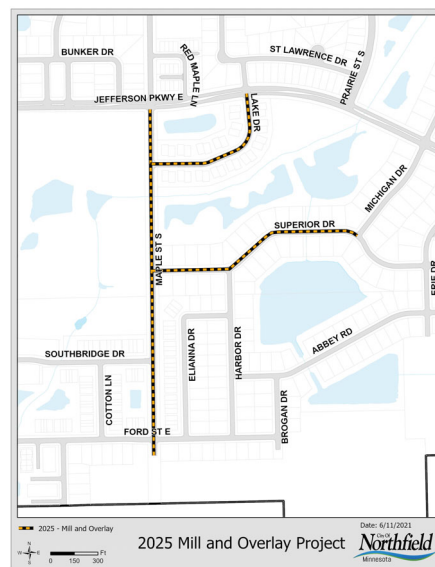
Project includes pedestrian crossing improvements on Superior Drive and Michigan Drive, and Superior Drive and Maple Street.

Justification

This road segment has been identified by Public Works personnel as a likely candidate for a 2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance			759,190			759,190
Total			759,190			759,190

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars			509,600			509,600
Franchise Fees			167,746			167,746
Stormwater Fund			58,109			58,109
Waste Water Fund			11,458			11,458
Water Fund			12,277			12,277
Total			759,190			759,190



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

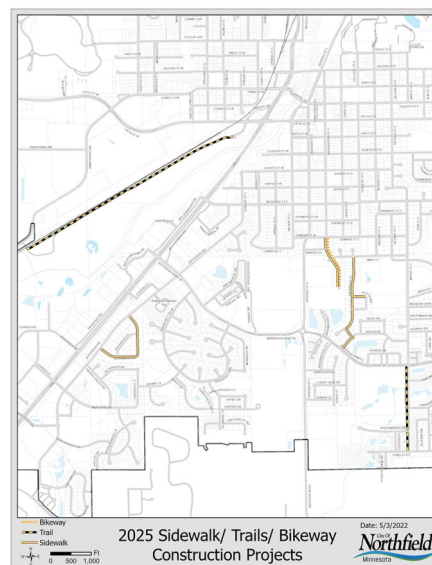
Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

Project #	E-2025-003
Project Name	2025 Sidewalk/Trail Improvements Project

Description	Total Project Cost: \$1,878,639
High Priority Sidewalk Gaps. This includes sidewalks on Jefferson Dr., Washington Street, Archibald Street, Allison Drive, Aster Drive, and Afton Drive.	
This project also includes pedestrian crossing improvements at Ames Street and Washington Street, and Woodley Street and Washington Street.	
Justification	

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance			1,878,639			1,878,639
Total			1,878,639			1,878,639

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars			1,413,391			1,413,391
Franchise Fees			465,248			465,248
Total			1,878,639			1,878,639



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 15 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # E-2026-001
Project Name 2026 Mill and Overlay Project

Description

Total Project Cost: \$1,121,005

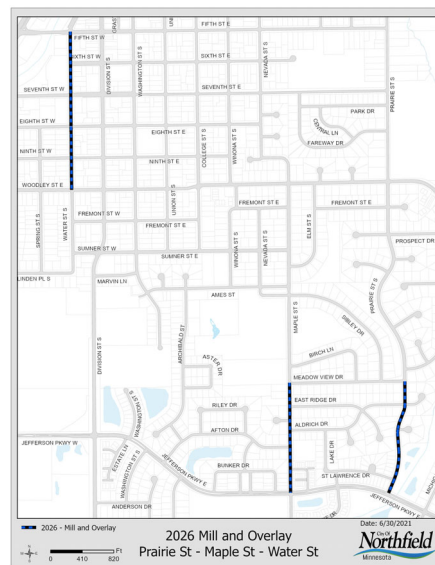
Prairie Street from Meadowview Drive to Jefferson Parkway
 Maple Street from Meadowview Drive to Jefferson Parkway including pedestrian crossing improvements at Maple Street and Meadowview Drive.
 Water Street form Fifth Street to Woodley Street - including crossing improvements at Fifth Street, Sixth Street, Seventh Street and Eighth Street

Justification

This road segment has been identified by Public Works personnel as a likely candidate for a 2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				1,121,005		1,121,005
Total				1,121,005		1,121,005

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars				565,845		565,845
Franchise Fees				310,777		310,777
Stormwater Fund				79,792		79,792
Waste Water Fund				15,734		15,734
Water Fund				148,857		148,857
Total				1,121,005		1,121,005



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 15 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # E-2026-002
Project Name Jefferson Parkway Mill and Overlay

Total Project Cost: \$864,558

Description

Mill and Overlay of Jefferson Pkwy from Washington St. S to Spring Creek Road. This will include spot sidewalk and curb replacement. Median Refuge island for Pedestrians. If MTT trail isn't completed by 2026 on this segment it will be included with the project.

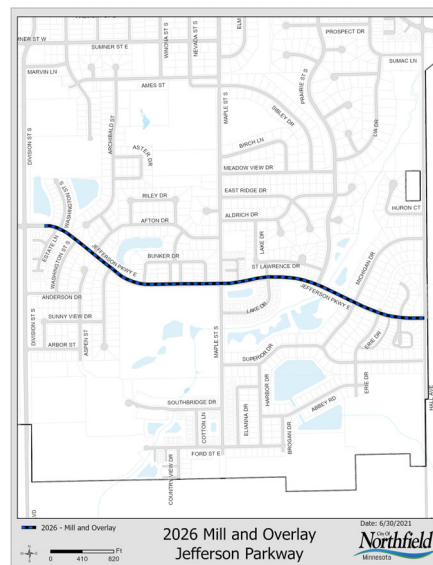
This project will include pedestrian crossing improvements on Jefferson Parkway and Washington Street, Jefferson Parkway and Maple Street, Jefferson Parkway and Prairie Street, and Jefferson Parkway and Michigan Drive.

Justification

This road segment has been identified by Public Works personnel as a likely candidate for a 2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				864,558		864,558
Total				864,558		864,558

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars				494,645		494,645
Franchise Fees				271,671		271,671
Stormwater Fund				69,751		69,751
Waste Water Fund				13,754		13,754
Water Fund				14,736		14,736
Total				864,557		864,557



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

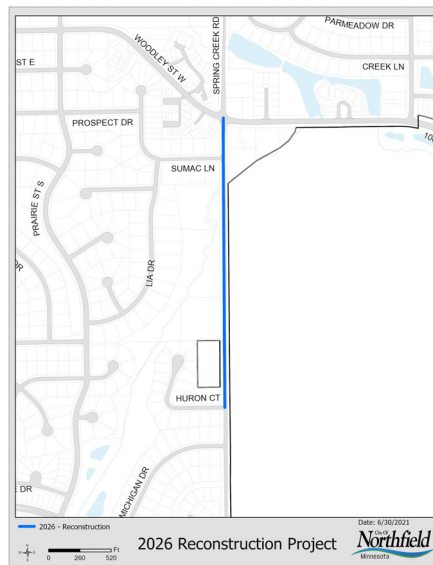
Project #	E-2026-003
Project Name	Spring Creek Road Reconstruction

Description	Total Project Cost: \$2,208,624
Spring Creek Road Reconstruction from Woodley Street to Huron Court	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				2,208,624		2,208,624
Total				2,208,624		2,208,624

Funding Sources	2023	2024	2025	2026	2027	Total
MSA				1,010,064		1,010,064
Stormwater Fund				480,312		480,312
Waste Water Fund				262,800		262,800
Water Fund				455,448		455,448
Total				2,208,624		2,208,624



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type New Infrastructure
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

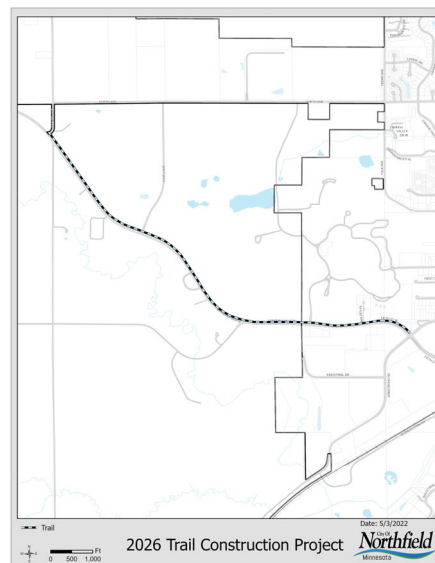
Project #	E-2026-005
Project Name	TH 19 Trail

Description	Total Project Cost: \$1,500,018
Trail segment along the north side of TH 19 from Armstrong Road to Decker Avenue.	

Justification
This trail is identified in the City of Northfield Ped Bike and Trail System Plan as an Off-street Trail/Path

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				1,500,018		1,500,018
Total				1,500,018		1,500,018

Funding Sources	2023	2024	2025	2026	2027	Total
Other				1,500,018		1,500,018
Total				1,500,018		1,500,018



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # E-2026-006
Project Name Fremouw Avenue Railroad Crossing Medians

Total Project Cost: \$290,000

Description

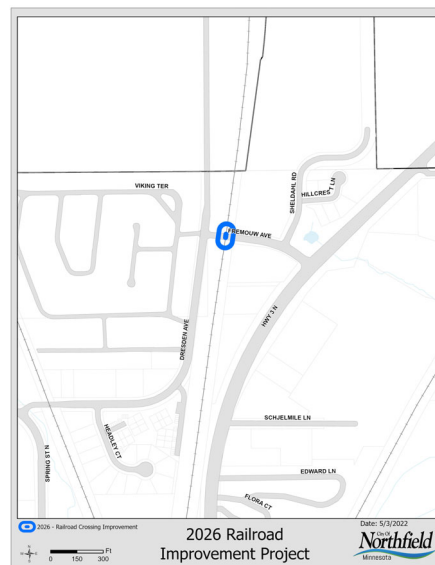
Quiet Zone infrastructure installation

Justification

Required Quiet Zone infrastructure installations.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				290,000		290,000
Total				290,000		290,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars				187,190		187,190
Franchise Fees				102,810		102,810
Total				290,000		290,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division

Contact

Type Improvement

Useful Life 25 years

Category Capital Improvement Plan (CI)

Priority 2 Very Important

Project # E-2026-007

Project Name Third Street Railroad Crossing Signal

Description

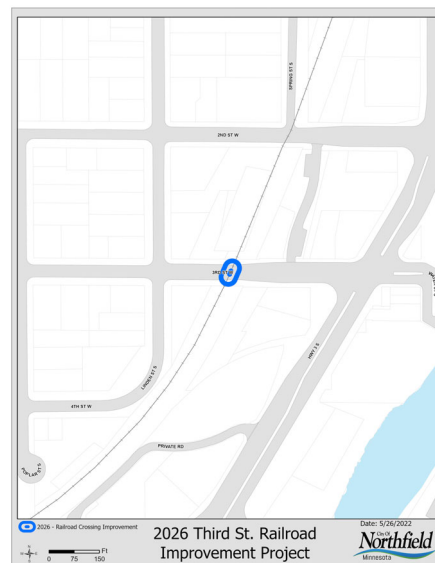
Total Project Cost: \$300,000

This project is in coordination with MnDOT to improve the railroad signal system through the section 130 program.

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				300,000		300,000
Total				300,000		300,000

Funding Sources	2023	2024	2025	2026	2027	Total
Capital Reserve Fund				30,000		30,000
Other				270,000		270,000
Total				300,000		300,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type New Infrastructure
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

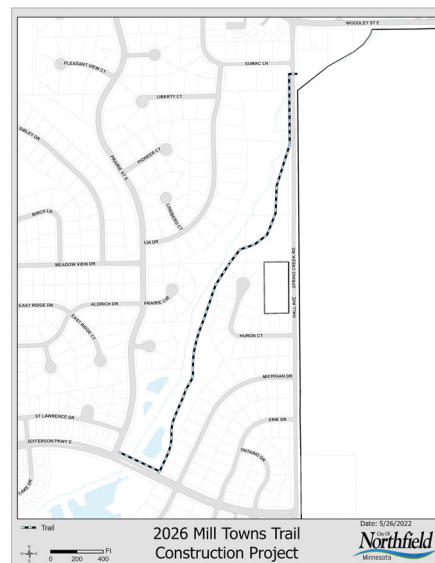
Project #	E-2026-008
Project Name	Mill Towns Trail-Prairie Street to Woodley Street

Description	Total Project Cost: \$1,169,885
Mill Towns Trail Segment "C" - Prairie Street to Woodley Street	

Justification
Strategic Plan Trail Segment

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				1,169,885		1,169,885
Total				1,169,885		1,169,885

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars				755,142		755,142
Franchise Fees				414,743		414,743
Total				1,169,885		1,169,885



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type New Infrastructure
Useful Life 75 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

Project #	E-2026-009
Project Name	Prairie Street Sidewalk

Description	Total Project Cost: \$129,465
New sidewalk on the east side of Prairie Street from Prairie View Court to Lia Drive	

Justification
High Priority Gap

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				129,465		129,465
Total				129,465		129,465

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars				129,465		129,465
Total				129,465		129,465

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

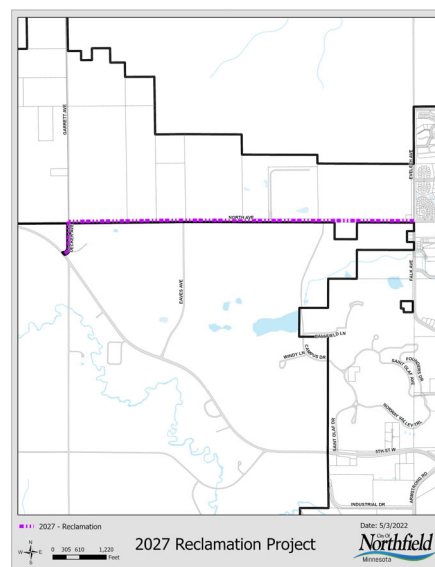
Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	E-2027-001
Project Name	North Avenue and Decker Avenue Reclamation

Description	Total Project Cost: \$1,226,453
Pavement Reclamation on North Avenue and Decker Avenue	

Justification
This project area has been identified Public Works personnel as a likely candidate for a pavement reclamation based on the current pavement condition, and the current condition of the existing utilities.

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars					754,877	754,877
Franchise Fees					337,176	337,176
Stormwater Fund					73,920	73,920
Waste Water Fund					33,600	33,600
Water Fund					26,880	26,880
Total					1,226,453	1,226,453



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 15 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

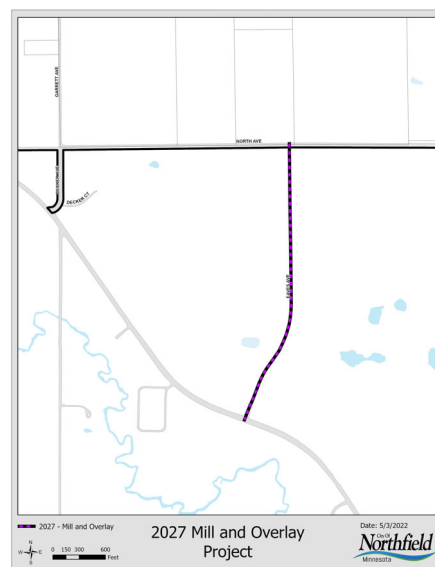
Project #	E-2027-002
Project Name	Eaves Avenue Mill and Overlay

Description	Total Project Cost: \$430,408
Mill and Overlay on Eaves Avenue from North Avenue to TH 19	

Justification
This road segment has been identified by Public Works personnel as a likely candidate for a 2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance					430,408	430,408
Total					430,408	430,408

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars					276,653	276,653
Franchise Fees					123,571	123,571
Stormwater Fund					16,601	16,601
Waste Water Fund					7,546	7,546
Water Fund					6,037	6,037
Total					430,408	430,408



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

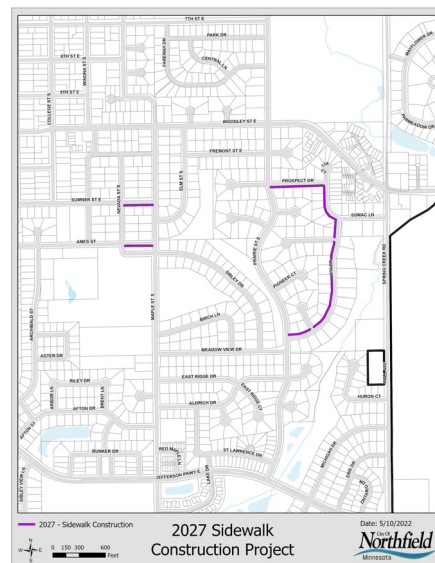
Project #	E-2027-003
Project Name	2027 Sidewalk Gaps Project

Description	Total Project Cost: \$534,821
Sidewalk installation on Ames Street, Sumner Street, Prospect Drive, and Lia Drive	

Justification
Sidewalk gaps identified in the City of Northfield Ped, Bike, and Trail Plan.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance					534,821	534,821
Total					534,821	534,821

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars					369,693	369,693
Franchise Fees					165,128	165,128
Total					534,821	534,821



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)
Priority 2 Very Important

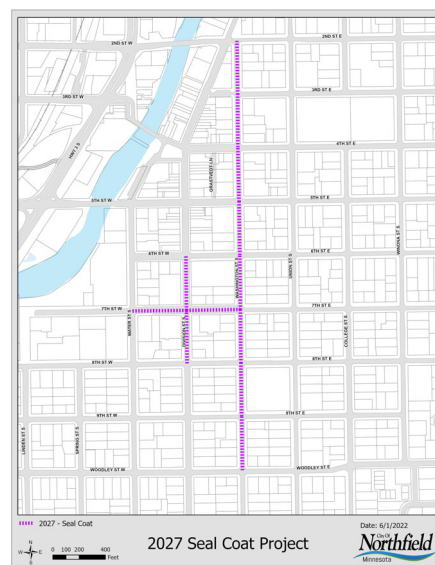
Project #	E-2027-005
Project Name	2027 Seal Coat

Description	Total Project Cost: \$38,184
Division Street from Eighth Street to Sixth Street, Seventh Street from Water Street to Washington Street, Washington Street from Second Street to Woodley Street	

Justification
This scheduled maintenance is necessary to maintain the PCI ratings set forth by the Strategic Plan.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance					38,184	38,184
Total					38,184	38,184

Funding Sources	2023	2024	2025	2026	2027	Total
MSA	38,071					38,071
Total	38,071					38,071



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Trail
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

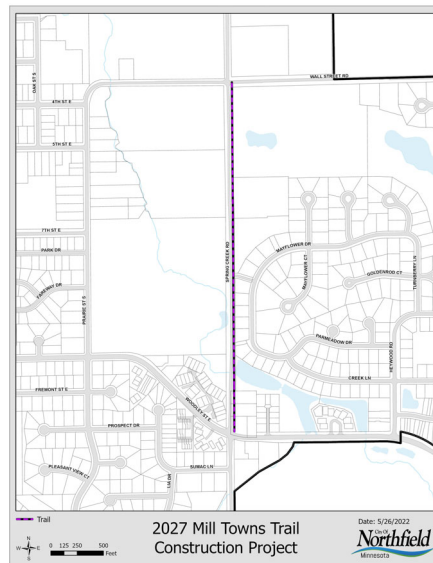
Project #	E-2027-006
Project Name	Mill Towns Trail - Woodley To Wall Street

Description	Total Project Cost: \$1,057,834
Mill Towns Trail Segment "D" - Woodley Street to Wall Street Road	

Justification
Strategic Plan Trial Addition

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance					1,057,834	1,057,834
Total					1,057,834	1,057,834

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars					731,224	731,224
Franchise Fees					326,610	326,610
Total					1,057,834	1,057,834



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

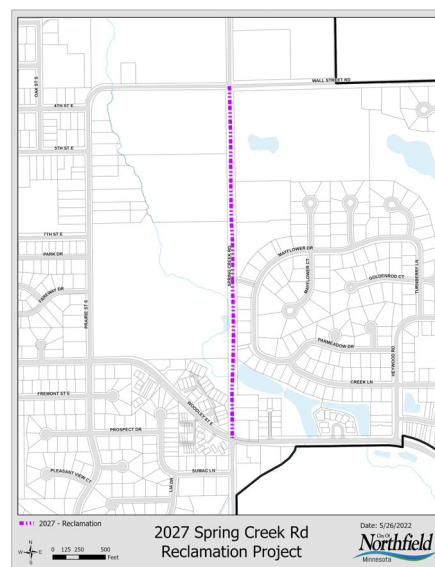
Project #	E-2027-007
Project Name	Spring Creek Road Reclamation

Description	Total Project Cost: \$536,573
Pavement Reclamation from Woodley Street to Wall Street Road	

Justification
This project area has been identified Public Works personnel as a likely candidate for a pavement reclamation based on the current pavement condition, and the current condition of the existing utilities.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance					536,573	536,573
Total					536,573	536,573

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars					330,259	330,259
Franchise Fees					147,514	147,514
Stormwater Fund					32,340	32,340
Waste Water Fund					14,700	14,700
Water Fund					11,760	11,760
Total					536,573	536,573



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Information Technology
Contact IT Manager
Type Equipment
Useful Life 5 years
Category IT Projects/Equipment
Priority 1 Critical

Project #	IT-2023-001
Project Name	VXRail Server Upgrade

Description	Total Project Cost: \$120,000
There are four main servers at City Hall that most every server resides on.	

Justification
This equipment will need to be replaced as it gets older.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings	120,000					120,000
Total	120,000					120,000

Funding Sources	2023	2024	2025	2026	2027	Total
IT	120,000					120,000
Total	120,000					120,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Information Technology
Contact IT Manager
Type Equipment
Useful Life 10 years
Category IT Projects/Equipment
Priority 3 Important

Project #	IT-2025-001
Project Name	Phone System Upgrade

Description	Total Project Cost: \$100,000
Replace and update the existing Avaya IP Office 500 phone system.	

Justification
The existing Avaya IP Office 500 phone system is getting older. There are newer features with telephones that we are missing by continuing to use our existing phone system.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings			100,000			100,000
Total			100,000			100,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department NCRC

Contact

Type Equipment

Useful Life 15 years

Category Capital Improvement Plan (CI

Priority 1 Critical

Project # NCRC 2023-01
Project Name Dry sprinkler piping replacement

Total Project Cost: \$130,000

Description

Replace current dry pipe sprinkler system

Justification

The current dry system is at the end of its life expectancy and is leaking frequently. The leaks result in large repair bills. Replacement will eliminate the leaks and repairs.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings	130,000					130,000
Total	130,000					130,000

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund	130,000					130,000
Total	130,000					130,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department NCRC

Contact

Type Improvement

Useful Life 15 years

Category Capital Improvement Plan (CI

Priority 3 Important

Project #	NCRC 2023-02
Project Name	LED lighting upgrade

Description	Total Project Cost: \$90,000
Upgrade all current lighting with LED replacements	

Justification
The facility is currently full of fluorescent lighting. Replacement with LED would provide better light, lower utility costs, and less maintenance.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings	90,000					90,000
Total	90,000					90,000

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund	90,000					90,000
Total	90,000					90,000

Capital Improvement Plan
City of Northfield, Minnesota

2023 *thru* 2027

Department NCRC
Contact
Type Improvement
Useful Life
Category Capital Improvement Plan (CI
Priority 3 Important

Project # NCRC 2024-01

Project Name Exterior Painting

Description

Total Project Cost: \$10,000

Exterior Building Paitning

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		10,000				10,000
Total		10,000				10,000

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund		10,000				10,000
Total		10,000				10,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department NCRC

Contact

Type Equipment

Useful Life 20 years

Category Capital Improvement Plan (CI

Priority 1 Critical

Project #	NCRC 2025-01
Project Name	Chiller replacement

Description	Total Project Cost: \$75,000
Replace Chiller at NCRC	

Justification
The chiller is approaching the end of its useful life and has experienced increasing breakdowns that require repairs. The current unit also uses R-22 as its primary refrigerant which is currently being phased out in cooling applications.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings			75,000			75,000
Total			75,000			75,000

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund			75,000			75,000
Total			75,000			75,000

Capital Improvement Plan
City of Northfield, Minnesota

2023 *thru* 2027

Department NCRC

Contact

Project # NCRC 2027-01
Project Name Boiler replacement

Type Equipment

Useful Life 20 years

Category Capital Improvement Plan (CI

Priority 2 Very Important

Total Project Cost: \$48,000

Description

replace the current 4 boilers

Justification

The current boilers are nearing the end of their useful life and should be replaced to avoid down time and costly repairs.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings					48,000	48,000
Total					48,000	48,000

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund					48,000	48,000
Total					48,000	48,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department NCRC

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project #	NCRC-2024-02
Project Name	NCRC-Air handling units replacement

Description	Total Project Cost: \$260,000
Replace the air handling units at the NCRC complex	

Justification
The air handling units supply heating and cooling to the facility and are past their useful life and need to be replaced. They are becoming more expensive to maintain, parts are getting harder to find and break downs are more frequent.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings		130,000	130,000			260,000
Total		130,000	130,000			260,000

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund		130,000	130,000			260,000
Total		130,000	130,000			260,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division
Contact Public Works Director
Type Improvement
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	P-2022-001
Project Name	Replace Babcock Park Hockey Rink Boards

Description	Total Project Cost: \$125,000
Replacement of existing hockey rink boards. New rink would be regulation size, 200' x 85'. Rink replacement consists of new boards, chain link fencing around the ends, equipment access gate and player access gate.	

Justification
Existing rink is not regulation nor are the boards straight or in good condition. We have seen heavy use of this rink the last few years. Additional lighting would also help to illuminate this rink.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	125,000					125,000
Total	125,000					125,000

Funding Sources	2023	2024	2025	2026	2027	Total
Park Fund	125,000					125,000
Total	125,000					125,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division
Contact Public Works Director
Type Unassigned
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	P-2022-002
Project Name	Babcock Park Bathroom & Softball Field Improvement

Description	Total Project Cost: \$125,000
Replacement of failing retaining walls around softball field, new ADA bathroom/warming house/pavilion, and plaza seating area. Replacement of existing lights to LED at the softball field and outdoor rink.	

Justification
Retaining walls are leaning and becoming a safety issue and bathrooms are not ADA compliant.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	2,500,000					2,500,000
Total	2,500,000					2,500,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars	2,500,000					2,500,000
Total	2,500,000					2,500,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division

Contact

Type Improvement

Useful Life 40 years

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project # P-2023-001

Project Name Spring Creek Park Ped Bridge (Prairie to Huron)

Description

Total Project Cost: \$180,000

Construction of a pedestrian bridge over spring creek to connect the neighborhoods west of Spring Creek to the neighborhood east of Spring Creek. This will connect to the Mill Towns State Trail.

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	180,000					180,000
Total	180,000					180,000

Funding Sources	2023	2024	2025	2026	2027	Total
Park Fund	180,000					180,000
Total	180,000					180,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI

Priority 3 Important

Project #	P-2023-002
Project Name	Softball Field Lighting - Sechler No. 1

Description	Total Project Cost: \$295,000
This project will add lights to Sechler Athletic Complex softball field No. 1. This field currently isn't lighted. This will help with programming when Babcock Park Softball Improvments are completed.	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	295,000					295,000
Total	295,000					295,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars	295,000					295,000
Total	295,000					295,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division

Contact

Type Improvement

Useful Life 40 years

Category Capital Improvement Plan (CI)

Priority 2 Very Important

Project #	P-2024-001
Project Name	Bridge Square Phase 1 Improvements

Description	Total Project Cost: \$5,000,000
Phase 1 of Bridge Square includes three component of the final concept plan. The Plaza is a “right-sized” paved area containing the existing Sheldahl Fountain, Civil War Memorial and a potential new vertical element (Gateway icon) to draw visitors into the space. The Green - A large circular space that replaces Water Street, the Green is omni-directional, maximizing its flexibility for the diverse users of Bridge Square and engaging surrounding businesses on all sides. Circulation patterns are similar to current routes. The Terrace - A multiuse space along the riverfront, The Terrace will provide an area for large festivals as well as movable tables and chair for casual daily use. At the edge of the riverbank, a pedestrian promenade will connect Bride Square to the Fifth Street bridgehead. A “slow” bike lane will parallel the pedestrian path through the space.	
Justification	

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		5,000,000				5,000,000
Total		5,000,000				5,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		5,000,000				5,000,000
Total		5,000,000				5,000,000

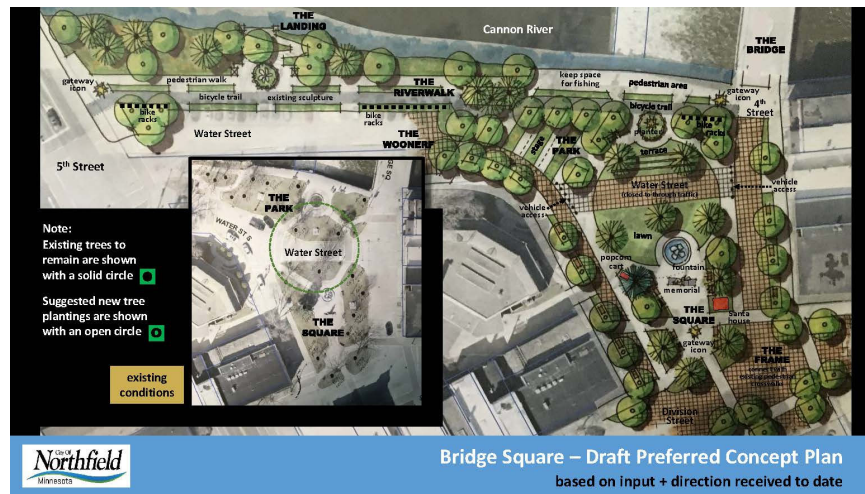
Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division

Contact



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division

Contact

Type Improvement

Useful Life 25 years

Category Capital Improvement Plan (CI

Priority 2 Very Important

Total Project Cost: \$600,000

Description

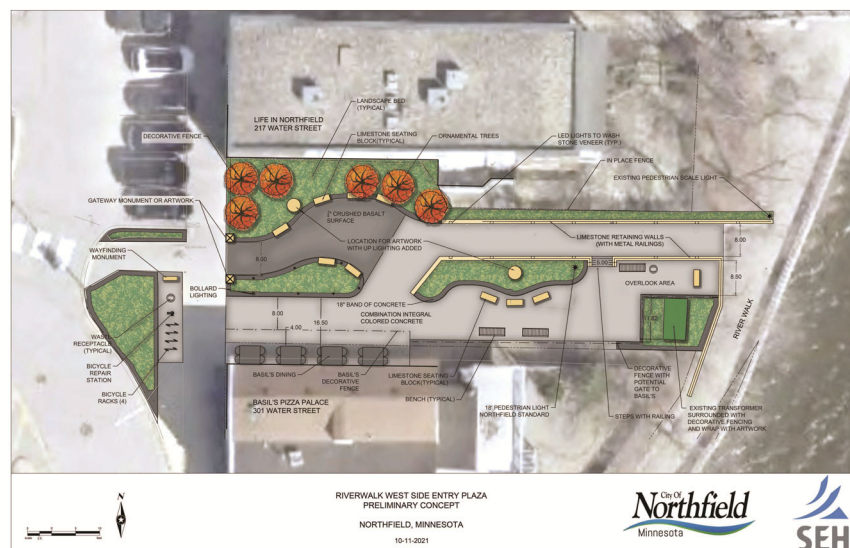
A key gateway feature to draw attention to the Riverwalk
Improved landscaping/benches;
Screening of Electrical Boxes;
Basalt Gravel & Concrete Streetscape that compliments Highway 3 and Third Street.
A design that allows for Basil's outdoor seating area, including added spacing requirements for outdoor dining, but doesn't require them to have outdoor dining if they choose not to complete those improvements along with the design includes an iron fence to provide the public/private space separation

Justification

This project ties to the Strategic Plan and enhancing the Riverfront/activating the River.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		600,000				600,000
Total		600,000				600,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		600,000				600,000
Total		600,000				600,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Park Division

Contact

Type Improvement

Useful Life 40 years

Category Capital Improvement Plan (CI)

Priority 2 Very Important

Project # P-2024-003

Project Name East Riverwalk Entry Improvements

Total Project Cost: \$250,000

Description

This project would replace the deteriorated concrete walkway, concrete steps, and railings on the east riverwalk access between Nueger Communication and the Measuring Cup. The items are in very poor condition and are due for improvements.

Justification

The rail is rusting through in areas and there are numerous trip hazard with this walkway.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		250,000				250,000
Total		250,000				250,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		250,000				250,000
Total		250,000				250,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Stormwater Division

Contact

Type Improvement

Useful Life 4 years

Category Capital Improvement Plan (CI

Priority 2 Very Important

Project # SW-2021-001

Project Name West Riverwall Floodwall Extension

Total Project Cost: \$2,000,000

Description

This project has been identified in the Downtown Flood Study Report to protect properties from Flooding between Fourth Street and Second Street.

Justification

This project ties to the Citys Climate Action Plan and increasing resiliency from climate change.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		2,000,000				2,000,000
Total		2,000,000				2,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund		2,000,000				2,000,000
Total		2,000,000				2,000,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Stormwater Division
Contact Public Works Director
Type Maintenance
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

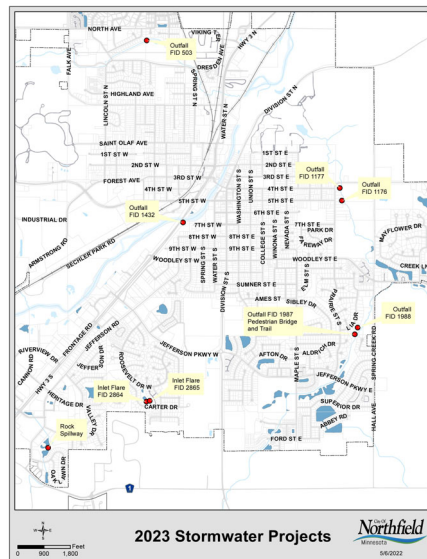
Project #	SW-2023-001
Project Name	2023 Storm Sewer Repairs

Description	Total Project Cost: \$1,295,553
Identified repairs from the Strategic Plan Stormwater Maintenance Plan.	

Justification
These repairs are necessary to maintain our Stormwater Treatment Systems

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	1,095,553					1,095,553
Total	1,095,553					1,095,553

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund	915,553					915,553
Total	915,553					915,553



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Stormwater Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

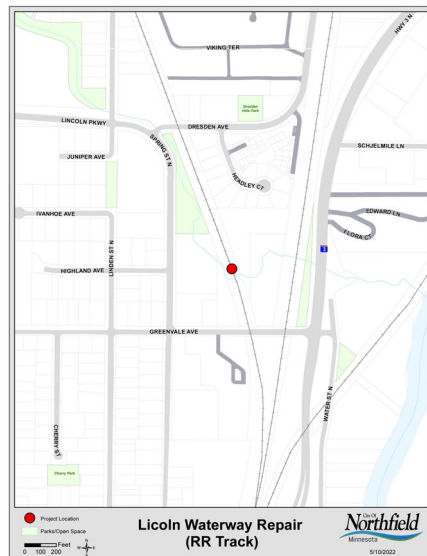
Project #	SW-2023-002
Project Name	Lincoln Waterway Repair (RR Tracks)

Description	Total Project Cost: \$1,000,000
Storm Repair identified in the Neighborhood Flood Studay	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	1,000,000					1,000,000
Total	1,000,000					1,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund	1,000,000					1,000,000
Total	1,000,000					1,000,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Stormwater Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	SW-2024-002
Project Name	Neighborhood Flooding Storm Improvements

Description	Total Project Cost: \$1,122,800
304 and 301 Highland Avenue 518 Firest Street Sibley Swale Lincoln Waterway Repair (RR Tracks) Juniper Avenue Repairs	
Justification	Storm Sewer Improvements that were identified in the 2021 Neighborhood Flooding Study

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		1,122,800				1,122,800
Total		1,122,800				1,122,800

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund		1,122,800				1,122,800
Total		1,122,800				1,122,800

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Street Division
Contact Public Works Director
Type Maintenance
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	ST-2024-002
Project Name	Hwy 3 LED Street Light Conversion

Description	Total Project Cost: \$245,000
Replace tall street light poles and LED fixtures. Retrofit short street light poles with LED fixtures. LED conversion would be Hwy 3 from Jefferson Parkway to Fremouw Ave.	

Justification
Part of the strategic plan. High pole bases are rusting out and becoming a hazard. Convert the street lights along Hwy 3 to LED fixtures. LED are more energy efficient then existing fixtures.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		245,000				245,000
Total		245,000				245,000

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		245,000				245,000
Total		245,000				245,000

Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	WW-2022-001
Project Name	BAF Blower Replacements

Description	Total Project Cost: \$2,234,952
Replacement of the blower assemblies in the BAF building.	

Justification
This was identified in the 2015 Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Planning/Design	218,257					218,257
Construction/Maintenance	1,798,438					1,798,438
Total	2,016,695					2,016,695

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	2,016,695					2,016,695
Total	2,016,695					2,016,695



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	WW-2022-002
Project Name	Biosolids Liquid Storage

Description	Total Project Cost: \$4,029,361
Building an additional biosolids storage building based on the 2016 City Council adopted Facility Study. The storage will allow for more storage of sludge at the wwtp.	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Planning/Design	393,492					393,492
Construction/Maintenance	3,242,376					3,242,376
Total	3,635,868					3,635,868

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	3,635,868					3,635,868
Total	3,635,868					3,635,868



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

Project # WW-2022-003
Project Name Control System and Card Access System Upgrades

Description

Total Project Cost: \$911,735

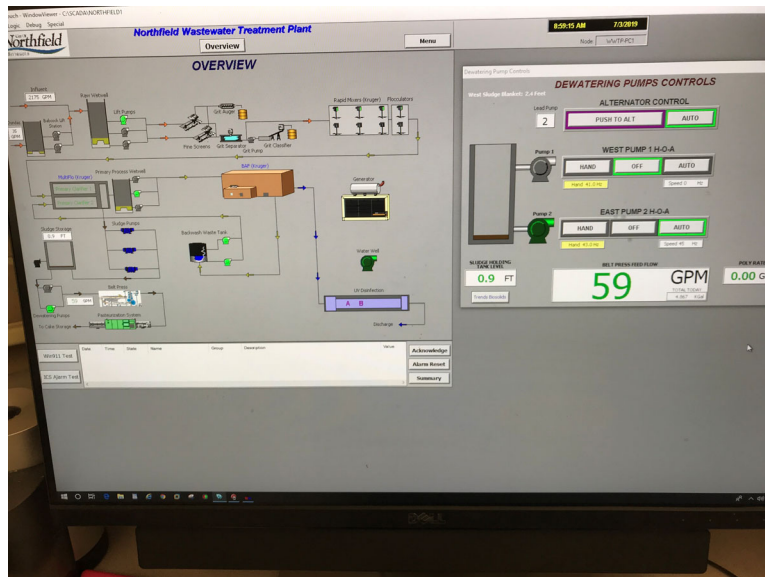
Replacement of major Supervisory and Control Data Acquisition (SCADA) components at the wastewater treatment plant.

Justification

SCADA upgrade was identified in the 2015 WWTP Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Planning/Design	81,370					81,370
Construction/Maintenance	748,995					748,995
Total	830,365					830,365

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	830,365					830,365
Total	830,365					830,365



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	WW-2022-004
Project Name	Influent Lift Pumps Replacement

Description	Total Project Cost: \$760,913
Replace influent lift pumps.	

Justification
Identified in 2015 Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Planning/Design	48,925					48,925
Construction/Maintenance	663,063					663,063
Total	711,988					711,988

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	711,988					711,988
Total	711,988					711,988



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # WW-2022-005
Project Name HVAC Equipment Replacement

Description

Total Project Cost: \$227,364

Replacement of HVAC equipment at the wastewater plant including unit heater10, unit heater 19, unit heater 20, ductless splic system 23, makeup air unit 1, make up air unit 6 and rooftop unit 18.

Justification

The MAU-5 replacement upgrade was identified in the 2015 WWTP Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Planning/Design	22,196					22,196
Construction/Maintenance	182,971					182,971
Total	205,167					205,167

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	205,167					205,167
Total	205,167					205,167



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	WW-2023-002
Project Name	Rooftop Solar

Description	Total Project Cost: \$397,838
Installation of solar panels on the wwtp roofs. This aligns with the strategic plan for climate change impacts.	

Justification
This will reduce the carbon footprint of the City's WWTP and will help the City move towards the Carbon Free by 2040 goal.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	397,838					397,838
Total	397,838					397,838

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	397,838					397,838
Total	397,838					397,838



Capital Improvement Plan

City of Northfield, Minnesota

2023 thru 2027

Department Wastewater Division
Contact Public Works Director
Type Facility
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # WW-2023-004
Project Name BAF Roof Replacement

Total Project Cost: \$339,488

Description

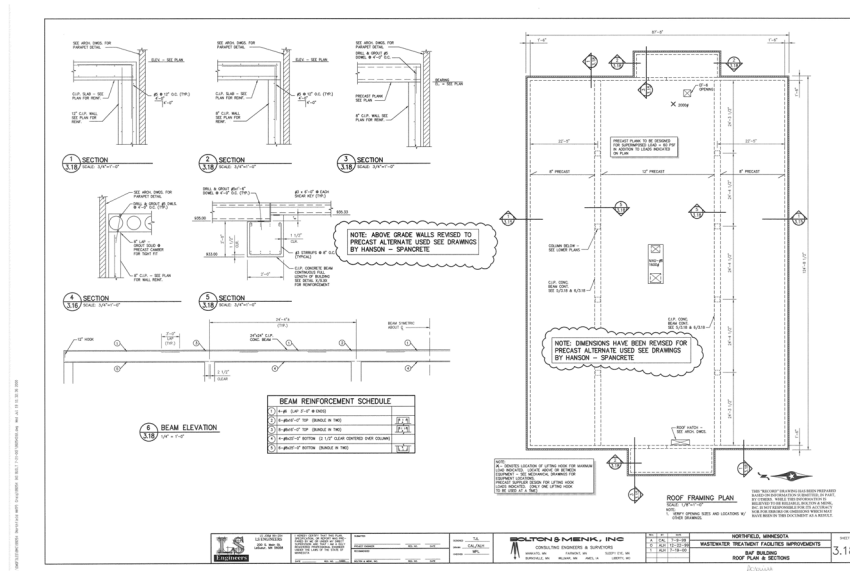
Replacement of the BAF Roof.

Justification

The BAF roof replacement upgrade was identified in the 2015 WWTP Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	339,488					339,488
Total	339,488					339,488

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	339,488					339,488
Total	339,488					339,488



Capital Improvement Plan

City of Northfield, Minnesota

2023 thru 2027

Department Wastewater Division
Contact Public Works Director
Type Facility
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

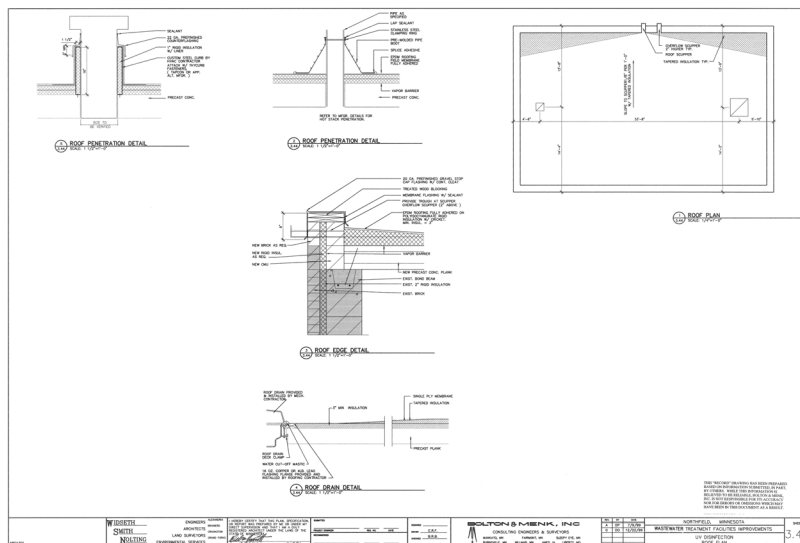
Project #	WW-2023-005
Project Name	UV Disinfection Roof Replacement

Description	Total Project Cost: \$37,132
Replacement of the UV disinfection roof.	

Justification
The UV disinfection roof replacement upgrade was identified in the 2015 WWTP Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	37,132					37,132
Total	37,132					37,132

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	37,132					37,132
Total	37,132					37,132



Capital Improvement Plan

City of Northfield, Minnesota

2023 thru 2027

Department Wastewater Division
Contact Public Works Director
Type Facility
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # WW-2023-006
Project Name Pretreatment Roof Replacement

Total Project Cost: \$371,315

Description

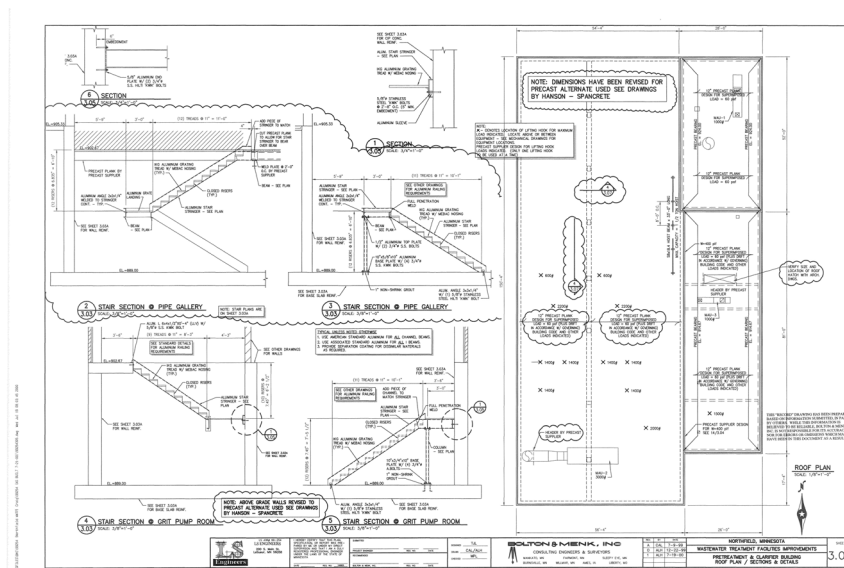
Replacement of the Pretreatment Building Roof.

Justification

The BAF roof replacement upgrade was identified in the 2015 WWTP Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	371,315					371,315
Total	371,315					371,315

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	371,315					371,315
Total	371,315					371,315



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Unassigned
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	WW-2023-007
Project Name	Primary Clarification

Description	Total Project Cost: \$375,559
Replacement of the primary clarification longitudinal collector chain, drive chain, headshaft assembly, sprockets and wear strips.	

Justification
This was identified in the 2021 Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	375,559					375,559
Total	375,559					375,559

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	375,559					375,559
Total	375,559					375,559



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Maintenance
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # WW-2023-008
Project Name Operations Building Roof Replacement

Description

Total Project Cost: \$61,532

Replacement of the operations building roof based on the City Council adopted 2016 Facility Study.

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	61,532					61,532
Total	61,532					61,532

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	61,532					61,532
Total	61,532					61,532



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	WW-2024-001
Project Name	Sanitary Sewer Lining Project

Description	Total Project Cost: \$500,000
Lining of 2000 feet of sanitary sewer in the Presidential Courts area.	

Justification
Root intrusion in the area is requiring lining.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		500,000				500,000
Total		500,000				500,000

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund		500,000				500,000
Total		500,000				500,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

Project #	WW-2026-001
Project Name	WWTP Generator Replacement

Description	Total Project Cost: \$695,564
Replace the 2000 WWTP generator.	

Justification
This is the useful life of the generator and is needed to operator during emergencies when power is out.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings				695,564		695,564
Total				695,564		695,564

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund				695,564		695,564
Total				695,564		695,564



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	WW-2026-002
Project Name	Preliminary Treatment

Description	Total Project Cost: \$347,782
Replacement of preliminary treatment equipment including two rotating drum screens and pista grit removal system.	

Justification
Project was identified in the 2021 Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				347,782		347,782
Total				347,782		347,782

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund				347,782		347,782
Total				347,782		347,782



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

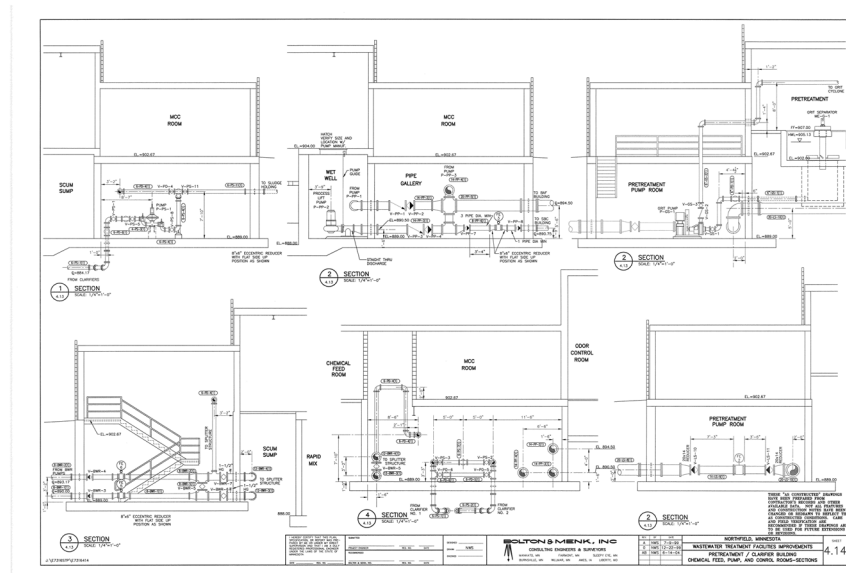
Project #	WW-2026-003
Project Name	Process Lift Pumps

Description	Total Project Cost: \$243,448
Replacement of 3 process lift pumps and variable frequency drives.	

Justification
Project was identified in 2021 Facility Study.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				243,448		243,448
Total				243,448		243,448

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund				243,448		243,448
Total				243,448		243,448



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Improvement
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 1 Critical

Project #	W-2022-003
Project Name	Drinking Water Treatment Plant

Description	Total Project Cost: \$33,450,000
Implementation of the recommendations within the water system study are planned for this project. This will include the land acquisition, site layout, soil boring, design work and other items for the construction of a Drinking Water Treatment Plant.	

Justification
The drinking water treatment plant will provide safe drinking water tro all residents.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance	32,450,000					32,450,000
Total	32,450,000					32,450,000

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund	32,450,000					32,450,000
Total	32,450,000					32,450,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	W-2024-001
Project Name	Well No. 03 MCC Replacement

Description	Total Project Cost: \$200,000
Replacement of well no. 3 motor control center (MCC) and SCADA components.	

Justification
The Well No. 3 MCC is an original piece of equipment from 1970. The equipment replaced will be all of the SCADA equipment, the electrical system and the control will be updated.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		200,000				200,000
Total		200,000				200,000

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		200,000				200,000
Total		200,000				200,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	W-2024-002
Project Name	Well No. 04 Generator Replacement

Description	Total Project Cost: \$120,000
Replace the existing generator.	

Justification
This is the end of the generators useful life.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings		120,000				120,000
Total		120,000				120,000

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		120,000				120,000
Total		120,000				120,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # W-2024-003
Project Name Well No. 04 MCC Replacement

Description

Total Project Cost: \$200,000

Replacement of well no. 4 motor control center (MCC) and SCADA components.

Justification

The Well No. 4 MCC is an original piece of equipment from 1977. The equipment replaced will be all of the SCADA equipment, the electrical system and the control will be updated.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		200,000				200,000
Total		200,000				200,000

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		200,000				200,000
Total		200,000				200,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	W-2024-004
Project Name	Well No. 03 Generator Replacement

Description	Total Project Cost: \$120,000
Replace the existing gernerator.	

Justification
This is the end of the generators useful life.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings		120,000				120,000
Total		120,000				120,000

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		120,000				120,000
Total		120,000				120,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Improvement
Useful Life 75 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	W-2025-002
Project Name	NW Area Water Tower

Description	Total Project Cost: \$5,000,000
Construction of a new 1,000,000 gallon water tower in the NW area of the City to provide sufficient water for fire protection and daily water usage.	

Justification

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance		5,000,000				5,000,000
Total		5,000,000				5,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Revenue Bond		5,000,000				5,000,000
Total		5,000,000				5,000,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Maintenance
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project # W-2026-002
Project Name Hall Ave. Elevated Tank Painting

Description

Total Project Cost: \$1,000,000

Total sand blast and repaint the inside and outside of the storage tank based upon water tower inspection.

Justification

This extends the useful life of the tank structure.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance				1,000,000		1,000,000
Total				1,000,000		1,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund				1,000,000		1,000,000
Total				1,000,000		1,000,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	W-2027-001
Project Name	Meter Replacement

Description	Total Project Cost: \$2,000,000
Replace all water meters throughout the City.	

Justification
Meters will be at the end of their useful life.

Expenditures	2023	2024	2025	2026	2027	Total
Equip/Vehicles/Furnishings					2,000,000	2,000,000
Total					2,000,000	2,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Revenue Bond					2,000,000	2,000,000
Total					2,000,000	2,000,000



Capital Improvement Plan

City of Northfield, Minnesota

2023 *thru* 2027

Department Water Division
Contact Public Works Director
Type Maintenance
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 2 Very Important

Project #	W-2027-002
Project Name	St. Olaf South Ground Storage Tank Painting

Description	Total Project Cost: \$1,000,000
Total sand blast and repaint the inside and outside of the storage tank.	

Justification
This extends the useful life of the tank structure.

Expenditures	2023	2024	2025	2026	2027	Total
Construction/Maintenance					1,000,000	1,000,000
Total					1,000,000	1,000,000

Funding Sources	2023	2024	2025	2026	2027	Total
Revenue Bond					1,000,000	1,000,000
Total					1,000,000	1,000,000

