

2022-2026 Capital Improvement Plan



City of Northfield, Minnesota

Capital Improvement Plan

2022 thru 2026

PROJECTS BY DEPARTMENT

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
City Facilities								
City Hall-Training Room Furniture	F-2021-004	n/a	20,000					20,000
City Hall-LED upgrade	F-2022-001	n/a	25,000					25,000
Library-Soffits at Library	F-2022-002	n/a	25,000					25,000
Ice Arena-Design for new refrigeration system	F-2022-004	n/a	20,000					20,000
Ice Arena-Compressor #2 rebuild	F-2022-005	n/a	18,000					18,000
Street Shop-Security at street shop	F-2022-006	n/a	20,000					20,000
Pool-Replace flushometers in Pool locker rooms	F-2022-009	n/a	10,000					10,000
Street shop-trench drains	F-2022-011	n/a	55,000	55,000				110,000
Street Shop-mechanics office addition	F-2022-012	n/a	18,000					18,000
Police Department-LED lighting conversion	F-2022-015	n/a	20,000					20,000
Liquor store RTU replacement	F-2022-016	n/a	21,000					21,000
Pool- Strainer replacement	F-2022-017	n/a	10,000					10,000
Ice Arena- Office and lobby furnace	F-2023-001	n/a		10,000				10,000
City Hall-Exterior paint at City Hall	F-2023-002	n/a		30,000				30,000
Street shop-raidian heat	F-2023-003	n/a		75,000				75,000
Ice Arena -snow dump area	F-2024-001	n/a			40,000			40,000
Ice Arena- siding	F-2024-002	n/a			500,000			500,000
Ice Arena-replace arena roof	F-2024-003	n/a			250,000			250,000
Ice Arena-Refrigeration system replacement	F-2024-004	n/a			1,500,000			1,500,000
City Hall- Boiler replacement	F-2025-001	2				150,000		150,000
Pool- replaster	F-2025-002	n/a				200,000		200,000
Pool- pump replacement	F-2025-003	n/a				15,000		15,000
Library-Retaining Wall/Landscape Repair	F-2026-001	n/a					50,000	50,000
City Facilities Total			262,000	170,000	2,290,000	365,000	50,000	3,137,000
Engineering Division								
Honeylocust Dr Trail Connection to ECRT	E-2021-005	n/a	410,000					410,000
NW Area Mill and Overlay	E-2022-001	n/a	3,781,792					3,781,792
2022 Seal Coat/Crack Fill Project	E-2022-002	n/a	82,959					82,959
Sechler Road Railroad Crossing Improvement	E-2022-003	n/a	230,000					230,000
2022 Sidewalk/Trail Improvements	E-2022-004	n/a	959,800					959,800
TH 3 Traffic Signal Improvements	E-2022-005	n/a	540,000					540,000
Fifth Street Bridge Maintenance	E-2022-006	n/a	601,609					601,609
Southwest Area Reclamation	E-2023-001	n/a		1,558,329				1,558,329
2023 Mill and Overlay Project	E-2023-002	n/a		2,554,113				2,554,113
2023 Sidewalk/Trail Improvements	E-2023-003	n/a		775,108				775,108
2023 Seal Coat	E-2023-004	n/a		26,491				26,491
2024 College & Winona Street Reconstruction	E-2024-001	n/a			3,019,822			3,019,822
2024 Water Street South Reconstruction	E-2024-002	n/a			1,522,217			1,522,217
Wall Street Road Reconstruction	E-2024-003	n/a	100,000		3,026,693			3,126,693
2024 Sidewalk/Trail Improvements	E-2024-004	n/a			2,808,280			2,808,280
Jefferson Parkway Mill and Overlay	E-2024-005	n/a			2,933,145			2,933,145
2024 Seal Coat	E-2024-006	n/a			71,777			71,777
2025 Street Reclamation Project	E-2025-001	n/a				2,708,623		2,708,623
2025 Mill and Overlay Project	E-2025-002	n/a				918,138		918,138

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
2025 Sidewalk/Trail Improvements Project	E-2025-003	n/a				1,090,887		1,090,887
2025 Crack Fill	E-2025-004	n/a				16,153		16,153
2026 Mill and Overlay Project	E-2026-001	n/a					1,425,828	1,425,828
Jefferson Parkway Mill and Overlay	E-2026-002	n/a					1,275,748	1,275,748
Spring Creek Road Reconstruction	E-2026-003	n/a					2,208,624	2,208,624
2026 Seal Coat	E-2026-004	n/a					79,343	79,343
Engineering Division Total			6,706,160	4,914,041	13,381,934	4,733,801	4,989,543	34,725,479
Information Technology								
Phone System Upgrade	IT-2025-001	5				50,000		50,000
Information Technology Total						50,000		50,000
NCRC								
New Pool Heaters	NCRC 2021-01	n/a	10,000					10,000
Exterior Painting	NCRC 2024-01	n/a			10,000			10,000
NCRC Total			10,000		10,000			20,000
Park Division								
Babcock Park Hockey Rink/Lights	P-2022-001	2			185,000			185,000
Babcock Park Bathroom & Softball Field & Lions She	P-2022-002	2	70,000	700,000				770,000
Ames Park Master Plan	P-2022-003	n/a	30,000					30,000
Riverside Pickle Ball Courts	ST-2021-006	2	100,000					100,000
Park Division Total			200,000	700,000	185,000			1,085,000
Stormwater Division								
Hills #3, Cannon & Locust Pond Dredging	SW- 2024-001	n/a			597,652			597,652
West Riverwall Floodwall Extension	SW-2021-001	n/a		2,000,000				2,000,000
Prairie Hills #1 and Hidden Valley Pond Dredging	SW-2022-001	n/a	789,610					789,610
2023 Storm Sewer Repairs	SW-2023-001	n/a	100,000	1,190,793				1,290,793
Stormwater Division Total			889,610	3,190,793	597,652			4,678,055
Wastewater Division								
BAF Blower Replacements	WW-2022-001	3	218,257	2,016,695				2,234,952
Biosolids Liquid Storage	WW-2022-002	n/a	393,493	3,635,868				4,029,361
Control System and Card Access System Upgrades	WW-2022-003	1	81,370	830,365				911,735
Influent Lift Pumps Replacement	WW-2022-004	3	48,925	711,988				760,913
HVAC Equipment Replacement	WW-2022-005	3	22,197	205,167				227,364
Rooftop Solar	WW-2023-002	3		397,838				397,838
BAF Roof Replacement	WW-2023-004	3		339,488				339,488
UV Disinfection Roof Replacement	WW-2023-005	3		37,132				37,132
Pretreatment Roof Replacement	WW-2023-006	3		371,315				371,315
Primary Clarification	WW-2023-007	3		375,559				375,559
Operations Building Roof Replacement	WW-2023-008	3		61,532				61,532
WWTP Generator Replacement	WW-2026-001	1				695,564		695,564
Preliminary Treatment	WW-2026-002	3				347,782		347,782
Process Lift Pumps	WW-2026-003	3				243,448		243,448
Wastewater Division Total			764,242	8,982,947		1,286,794		11,033,983
Water Division								
Land Acquisition for Water Tank in NW Area	W-2022-002	4	250,000					250,000
Drinking Water Treatment Plant	W-2022-003	n/a	1,000,000	32,450,000				33,450,000

Department	Project #	Priority	2022	2023	2024	2025	2026	Total
Well No. 03 MCC Replacement	W-2023-002	2		200,000				200,000
Well No. 03 Generator Replacement	W-2023-003	3		120,000				120,000
Well No. 04 Generator Replacement	W-2024-002	3			120,000			120,000
Well No. 04 MCC Replacement	W-2024-003	2			200,000			200,000
Hall Ave. Elevated Tank Painting	W-2026-002	3					1,000,000	1,000,000
Water Division Total			1,250,000	32,770,000	320,000		1,000,000	35,340,000
GRAND TOTAL			10,082,012	50,727,781	16,784,586	5,148,801	7,326,337	90,069,517

City of Northfield, Minnesota

Capital Improvement Plan

2022 thru 2026

PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2022	2023	2024	2025	2026	Total
Bonded Dollars								
Honeylocust Dr Trail Connection to ECRT	E-2021-005	n/a	310,000					310,000
NW Area Mill and Overlay	E-2022-001	n/a	2,093,503					2,093,503
2022 Sidewalk/Trail Improvements	E-2022-004	n/a	687,782					687,782
Fifth Street Bridge Maintenance	E-2022-006	n/a	601,609					601,609
Southwest Area Reclamation	E-2023-001	n/a		1,072,680				1,072,680
2023 Mill and Overlay Project	E-2023-002	n/a		1,579,158				1,579,158
2023 Sidewalk/Trail Improvements	E-2023-003	n/a		578,200				578,200
2024 College & Winona Street Reconstruction	E-2024-001	n/a			1,480,204			1,480,204
2024 Water Street South Reconstruction	E-2024-002	n/a			746,152			746,152
Wall Street Road Reconstruction	E-2024-003	n/a			689,688			689,688
2024 Sidewalk/Trail Improvements	E-2024-004	n/a			996,788			996,788
Jefferson Parkway Mill and Overlay	E-2024-005	n/a			2,394,409			2,394,409
2025 Street Reclamation Project	E-2025-001	n/a				1,860,040		1,860,040
2025 Mill and Overlay Project	E-2025-002	n/a				628,508		628,508
2025 Sidewalk/Trail Improvements Project	E-2025-003	n/a				818,608		818,608
2026 Mill and Overlay Project	E-2026-001	n/a					608,938	608,938
Jefferson Parkway Mill and Overlay	E-2026-002	n/a					628,522	628,522
Ice Arena- siding	F-2024-002	n/a			500,000			500,000
Ice Arena-replace arena roof	F-2024-003	n/a			250,000			250,000
Ice Arena-Refrigeration system replacement	F-2024-004	n/a			1,500,000			1,500,000
Babcock Park Bathrrom & Softball Field & Lions She	P-2022-002	2		700,000				700,000
Bonded Dollars Total			3,692,894	3,930,038	8,557,241	3,307,156	1,237,460	20,724,789
Capital Reserve Fund								
Sechler Road Railroad Crossing Improvement	E-2022-003	n/a	23,000					23,000
TH 3 Traffic Signal Improvements	E-2022-005	n/a	250,000					250,000
City Hall-LED upgrade	F-2022-001	n/a	25,000					25,000
Pool-Replace flushometers in Pool locker rooms	F-2022-009	n/a	10,000					10,000
Street shop-trench drains	F-2022-011	n/a	55,000	55,000				110,000
Police Department-LED lighting conversion	F-2022-015	n/a	20,000					20,000
Pool- Strainer replacement	F-2022-017	n/a	10,000					10,000
City Hall- Boiler replacement	F-2025-001	2				150,000		150,000
Pool- replaster	F-2025-002	n/a				200,000		200,000
Babcock Park Hockey Rink/Lights	P-2022-001	2			185,000			185,000
Babcock Park Bathrrom & Softball Field & Lions She	P-2022-002	2	70,000					70,000
Capital Reserve Fund Total			463,000	55,000	185,000	350,000		1,053,000
City Facilities Fund								
City Hall-Training Room Furniture	F-2021-004	n/a	20,000					20,000
Library-Soffits at Library	F-2022-002	n/a	25,000					25,000
Ice Arena-Design for new refrigeration system	F-2022-004	n/a	20,000					20,000
Ice Arena-Compressor #2 rebuild	F-2022-005	n/a	18,000					18,000

Source	Project #	Priority	2022	2023	2024	2025	2026	Total
Street Shop-Security at street shop	F-2022-006	n/a	20,000					20,000
Street Shop-mechanics office addition	F-2022-012	n/a	18,000					18,000
Ice Arena- Office and lobby furnace	F-2023-001	n/a		10,000				10,000
City Hall-Exterior paint at City Hall	F-2023-002	n/a		30,000				30,000
Street shop-raidian heat	F-2023-003	n/a		75,000				75,000
Ice Arena -snow dump area	F-2024-001	n/a			40,000			40,000
Pool- pump replacement	F-2025-003	n/a				15,000		15,000
Library-Retaining Wall/Landscape Repair	F-2026-001	n/a					50,000	50,000
City Facilities Fund Total			121,000	115,000	40,000	15,000	50,000	341,000

Franchise Fees

NW Area Mill and Overlay	E-2022-001	n/a	827,982					827,982
2022 Sidewalk/Trail Improvements	E-2022-004	n/a	272,018					272,018
Southwest Area Reclamation	E-2023-001	n/a		365,305				365,305
2023 Mill and Overlay Project	E-2023-002	n/a		537,787				537,787
2023 Sidewalk/Trail Improvements	E-2023-003	n/a		196,908				196,908
2024 College & Winona Street Reconstruction	E-2024-001	n/a			258,152			258,152
2024 Water Street South Reconstruction	E-2024-002	n/a			130,131			130,131
Wall Street Road Reconstruction	E-2024-003	n/a			120,283			120,283
2024 Sidewalk/Trail Improvements	E-2024-004	n/a			173,842			173,842
Jefferson Parkway Mill and Overlay	E-2024-005	n/a			417,591			417,591
2025 Street Reclamation Project	E-2025-001	n/a				618,672		618,672
2025 Mill and Overlay Project	E-2025-002	n/a				209,050		209,050
2025 Sidewalk/Trail Improvements Project	E-2025-003	n/a				272,279		272,279
2026 Mill and Overlay Project	E-2026-001	n/a					541,295	541,295
Jefferson Parkway Mill and Overlay	E-2026-002	n/a					558,705	558,705
Franchise Fees Total			1,100,000	1,100,000	1,099,999	1,100,001	1,100,000	5,500,000

Grant

TH 3 Traffic Signal Improvements	E-2022-005	n/a	290,000					290,000
2024 Sidewalk/Trail Improvements	E-2024-004	n/a			1,637,650			1,637,650
Grant Total			290,000		1,637,650			1,927,650

Liquor

Liquor store RTU replacement	F-2022-016	n/a	21,000					21,000
Liquor Total			21,000					21,000

MSA

2022 Seal Coat/Crack Fill Project	E-2022-002	n/a	82,959					82,959
2023 Seal Coat	E-2023-004	n/a		26,491				26,491
2024 Seal Coat	E-2024-006	n/a			71,777			71,777
2025 Crack Fill	E-2025-004	n/a				16,153		16,153
Spring Creek Road Reconstruction	E-2026-003	n/a					1,010,064	1,010,064
2026 Seal Coat	E-2026-004	n/a					79,343	79,343
MSA Total			82,959	26,491	71,777	16,153	1,089,407	1,286,787

NCRC Fund

New Pool Heaters	NCRC 2021-01	n/a	10,000					10,000
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Source	Project #	Priority	2022	2023	2024	2025	2026	Total
Exterior Painting	NCRC 2024-01	n/a			10,000			10,000
NCRC Fund Total			10,000		10,000			20,000
Other								
Sechler Road Railroad Crossing Improvement	E-2022-003	n/a	207,000					207,000
Other Total			207,000					207,000
Park Fund								
Ames Park Master Plan	P-2022-003	n/a	30,000					30,000
Riverside Pickle Ball Courts	ST-2021-006	2	100,000					100,000
Park Fund Total			130,000					130,000
Rice County								
Wall Street Road Reconstruction	E-2024-003	n/a			989,963			989,963
Rice County Total					989,963			989,963
Stormwater Fund								
Honeylocust Dr Trail Connection to ECRT	E-2021-005	n/a	100,000					100,000
NW Area Mill and Overlay	E-2022-001	n/a	170,669					170,669
Southwest Area Reclamation	E-2023-001	n/a		46,939				46,939
2023 Mill and Overlay Project	E-2023-002	n/a		133,192				133,192
2024 College & Winona Street Reconstruction	E-2024-001	n/a			338,224			338,224
2024 Water Street South Reconstruction	E-2024-002	n/a			170,485			170,485
Wall Street Road Reconstruction	E-2024-003	n/a			350,178			350,178
Jefferson Parkway Mill and Overlay	E-2024-005	n/a			66,630			66,630
2025 Street Reclamation Project	E-2025-001	n/a				126,451		126,451
2025 Mill and Overlay Project	E-2025-002	n/a				44,319		44,319
2026 Mill and Overlay Project	E-2026-001	n/a					60,827	60,827
Jefferson Parkway Mill and Overlay	E-2026-002	n/a					48,687	48,687
Spring Creek Road Reconstruction	E-2026-003	n/a					480,312	480,312
Hills #3, Cannon & Locust Pond Dredging	SW- 2024-001	n/a			597,652			597,652
West Riverwall Floodwall Extension	SW-2021-001	n/a		2,000,000				2,000,000
Prairie Hills #1 and Hidden Valley Pond Dredging	SW-2022-001	n/a	789,610					789,610
2023 Storm Sewer Repairs	SW-2023-001	n/a	100,000	1,190,793				1,290,793
Stormwater Fund Total			1,160,279	3,370,924	1,523,169	170,770	589,826	6,814,968
Waste Water Fund								
NW Area Mill and Overlay	E-2022-001	n/a	77,577					77,577
Southwest Area Reclamation	E-2023-001	n/a		21,336				21,336
2023 Mill and Overlay Project	E-2023-002	n/a		60,542				60,542
2024 College & Winona Street Reconstruction	E-2024-001	n/a			317,410			317,410
2024 Water Street South Reconstruction	E-2024-002	n/a			159,993			159,993
Wall Street Road Reconstruction	E-2024-003	n/a			328,629			328,629
Jefferson Parkway Mill and Overlay	E-2024-005	n/a			30,286			30,286
2025 Street Reclamation Project	E-2025-001	n/a				57,478		57,478
2025 Mill and Overlay Project	E-2025-002	n/a				20,145		20,145
2026 Mill and Overlay Project	E-2026-001	n/a					27,649	27,649
Jefferson Parkway Mill and Overlay	E-2026-002	n/a					22,130	22,130

Source	Project #	Priority	2022	2023	2024	2025	2026	Total
Spring Creek Road Reconstruction	E-2026-003	n/a					262,800	262,800
BAF Blower Replacements	WW-2022-001	3	218,257	2,016,695				2,234,952
Biosolids Liquid Storage	WW-2022-002	n/a	393,493	3,635,868				4,029,361
Control System and Card Access System Upgrades	WW-2022-003	1	81,370	830,365				911,735
Influent Lift Pumps Replacement	WW-2022-004	3	48,925	711,988				760,913
HVAC Equipment Replacement	WW-2022-005	3	22,197	205,167				227,364
Rooftop Solar	WW-2023-002	3		397,838				397,838
BAF Roof Replacement	WW-2023-004	3		339,488				339,488
UV Disinfection Roof Replacement	WW-2023-005	3		37,132				37,132
Pretreatment Roof Replacement	WW-2023-006	3		371,315				371,315
Primary Clarification	WW-2023-007	3		375,559				375,559
Operations Building Roof Replacement	WW-2023-008	3		61,532				61,532
WWTP Generator Replacement	WW-2026-001	1					695,564	695,564
Preliminary Treatment	WW-2026-002	3					347,782	347,782
Process Lift Pumps	WW-2026-003	3					243,448	243,448
Waste Water Fund Total			841,819	9,064,825	836,318	77,623	1,599,373	12,419,958
Water Fund								
NW Area Mill and Overlay	E-2022-001	n/a	612,061					612,061
Southwest Area Reclamation	E-2023-001	n/a		52,069				52,069
2023 Mill and Overlay Project	E-2023-002	n/a		243,434				243,434
2024 College & Winona Street Reconstruction	E-2024-001	n/a			625,832			625,832
2024 Water Street South Reconstruction	E-2024-002	n/a			315,456			315,456
Wall Street Road Reconstruction	E-2024-003	n/a			647,952			647,952
Jefferson Parkway Mill and Overlay	E-2024-005	n/a			24,229			24,229
2025 Street Reclamation Project	E-2025-001	n/a				45,982		45,982
2025 Mill and Overlay Project	E-2025-002	n/a				16,116		16,116
2026 Mill and Overlay Project	E-2026-001	n/a					187,119	187,119
Jefferson Parkway Mill and Overlay	E-2026-002	n/a					17,704	17,704
Spring Creek Road Reconstruction	E-2026-003	n/a					455,448	455,448
Land Acquisition for Water Tank in NW Area	W-2022-002	4	250,000					250,000
Drinking Water Treatment Plant	W-2022-003	n/a	1,000,000	32,450,000				33,450,000
Well No. 03 MCC Replacement	W-2023-002	2		200,000				200,000
Well No. 03 Generator Replacement	W-2023-003	3		120,000				120,000
Well No. 04 Generator Replacement	W-2024-002	3			120,000			120,000
Well No. 04 MCC Replacement	W-2024-003	2			200,000			200,000
Hall Ave. Elevated Tank Painting	W-2026-002	3					1,000,000	1,000,000
Water Fund Total			1,862,061	33,065,503	1,933,469	62,098	1,660,271	38,583,402
GRAND TOTAL			9,982,012	50,727,781	16,884,586	5,098,801	7,326,337	90,019,517

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Equipment

Useful Life 10 years

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2021-004
Project Name	City Hall-Training Room Furniture

Description	Total Project Cost: \$20,000
Repalce the tables and chairs in the City Hall training room. Furtiure is old and worn out. New furniture will allow for easier room setup.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings	20,000					20,000
Total	20,000					20,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund	20,000					20,000
Total	20,000					20,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project # F-2022-001

Project Name City Hall-LED upgrade

Total Project Cost: \$25,000

Description

Replace all lighting at City Hall with LED retrofit.

Justification

Project called out in the Xcel turn key audit

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund	25,000					25,000
Total	25,000					25,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Maintenance

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2022-002
Project Name	Library-Soffits at Library

Description	Total Project Cost: \$25,000

Justification
Current soffits are deteriorating and need replacement

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	25,000					25,000
Total	25,000					25,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund	25,000					25,000
Total	25,000					25,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Study

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2022-004
Project Name	Ice Arena-Design for new refrigeration system

Description	Total Project Cost: \$20,000
Design for new refrigeration plant at ice arena.	

Justification
The current system is using an obsolete refrigerant and needs to be replaced.

Expenditures	2022	2023	2024	2025	2026	Total
Planning/Design	20,000					20,000
Total	20,000					20,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund	20,000					20,000
Total	20,000					20,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project #	F-2022-005
Project Name	Ice Arena-Compressor #2 rebuild

Description	Total Project Cost: \$18,000
Rebuild Compressor #2	

Justification
compressor #2 is due for a complete rebuild in order to maximaze useful operation

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings	18,000					18,000
Total	18,000					18,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund	18,000					18,000
Total	18,000					18,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2022-006
Project Name	Street Shop-Security at street shop

Description	Total Project Cost: \$20,000
Doors and locks to improve security at the street shop.	

Justification
Very little security exists at the street shop. Project would add doors and electronic locks

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	20,000					20,000
Total	20,000					20,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund	20,000					20,000
Total	20,000					20,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project # F-2022-009

Project Name Pool-Replace flushometers in Pool locker rooms

Total Project Cost: \$10,000

Description

Replace automatic flush valves at the pool

Justification

The current valves are original and have gone through several freeze and thaw cycles. They are becoming unreliable and require a lot of annual maintenance.

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund	10,000					10,000
Total	10,000					10,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project #	F-2022-011
Project Name	Street shop-trench drains

Description	Total Project Cost: \$110,000
Replace the exhistng trench drains at street shop	

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

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	55,000	55,000				110,000
Total	55,000	55,000				110,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund	55,000	55,000				110,000
Total	55,000	55,000				110,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project # F-2022-012

Project Name Street Shop-mechanics office addition

Total Project Cost: \$18,000

Description

build office for city mechanic

Justification

City mechanic does not currently have an office space that is clean and fully climate controlled.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	18,000					18,000
Total	18,000					18,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund	18,000					18,000
Total	18,000					18,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Improvement

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project # F-2022-015

Project Name Police Department-LED lighting conversion

Total Project Cost: \$20,000

Description

Replace flourescent lighting with LED lighting

Justification

LED lighting was called out in the Xcel energy turn key audit as a energy saving measure

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	20,000					20,000
Total	20,000					20,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund	20,000					20,000
Total	20,000					20,000



Capital Improvement Plan
City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2022-016
Project Name	Liquor store RTU replacement

Description	Total Project Cost: \$21,000

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings	21,000					21,000
Total	21,000					21,000

Funding Sources	2022	2023	2024	2025	2026	Total
Liquor	21,000					21,000
Total	21,000					21,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project # F-2022-017

Project Name Pool- Strainer replacement

Total Project Cost: \$10,000

Description

Replace the main strainer for the pool.

Justification

The strainer is a original to the pools construction and parts are no longer available. The strainer is the first line of filtration for the pool and prevents large debris from damaging the pumping equipment and filters.

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund	10,000					10,000
Total	10,000					10,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project # F-2023-001

Project Name Ice Arena- Office and lobby furnace

Total Project Cost: \$10,000

Description

Replace the furnace that services the lobby, office and bathrooms at the ice arena

Justification

The current unit is beyond its current useful life and repairs are becoming frequent.

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings		10,000				10,000
Total		10,000				10,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund		10,000				10,000
Total		10,000				10,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2023-002
Project Name	City Hall-Exterior paint at City Hall

Description	Total Project Cost: \$30,000

Justification
Old paint is fading and peeling

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance		30,000				30,000
Total		30,000				30,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund		30,000				30,000
Total		30,000				30,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2023-003
Project Name	Street shop-raidian heat

Description	Total Project Cost: \$75,000
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	2022	2023	2024	2025	2026	Total
Construction/Maintenance		75,000				75,000
Total		75,000				75,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund		75,000				75,000
Total		75,000				75,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project # F-2024-001

Project Name Ice Arena -snow dump area

Total Project Cost: \$40,000

Description

Replace retaining walls in snow dump area

Justification

The current retaining walls are deteriorating and need to be replaced before they fail.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			40,000			40,000
Total			40,000			40,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund			40,000			40,000
Total			40,000			40,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	F-2024-002
Project Name	Ice Arena- siding

Description	Total Project Cost: \$500,000
Replace damanged siding on Ice arena	

Justification
The metal siding is damaged and is not repairable and needs to be replaced

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			500,000			500,000
Total			500,000			500,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			500,000			500,000
Total			500,000			500,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Facility

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project #	F-2024-003
Project Name	Ice Arena-replace arena roof

Description	Total Project Cost: \$250,000
Replace arena roof	

Justification
Arena roof has several leaks and is at its useful life has passed its useful olife

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			250,000			250,000
Total			250,000			250,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			250,000			250,000
Total			250,000			250,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project # F-2024-004

Project Name Ice Arena-Refrigeration system replacement

Total Project Cost: \$1,500,000

Description

Replace refrigeration system at Ice Arena

Justification

The equipment is approaching the end of its useful life and is using an obsolete refrigerant.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			1,500,000			1,500,000
Total			1,500,000			1,500,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			1,500,000			1,500,000
Total			1,500,000			1,500,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Project # F-2025-001

Project Name City Hall- Boiler replacement

Type Improvement

Useful Life 20 years

Category Capital Improvement Plan (CI)

Priority 2 Very Important

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance				150,000		150,000
Total				150,000		150,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund				150,000		150,000
Total				150,000		150,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Maintenance

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance				200,000		200,000
Total				200,000		200,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund				200,000		200,000
Total				200,000		200,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Equipment

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

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	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings				15,000		15,000
Total				15,000		15,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund				15,000		15,000
Total				15,000		15,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department City Facilities

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance					50,000	50,000
Total					50,000	50,000

Funding Sources	2022	2023	2024	2025	2026	Total
City Facilities Fund					50,000	50,000
Total					50,000	50,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division

Contact

Type New Infrastructure

Useful Life 20 years

Category Capital Improvement Plan (CI)

Priority n/a

Project #	E-2021-005
Project Name	Honeylocust Dr Trail Connection to ECRT

Description	Total Project Cost: \$410,000
This project make a trail connection to the East Cannon River Trail. This connection is on the City's planned walking and biking network, and will provide a connection to the south commercial district in Northfield. This project was planned in 2021 but is moving to 2022 as the City is working through agreement with MnDot for the trail to be on a portion of there property.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	410,000					410,000
Total	410,000					410,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars	310,000					310,000
Stormwater Fund	100,000					100,000
Total	410,000					410,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

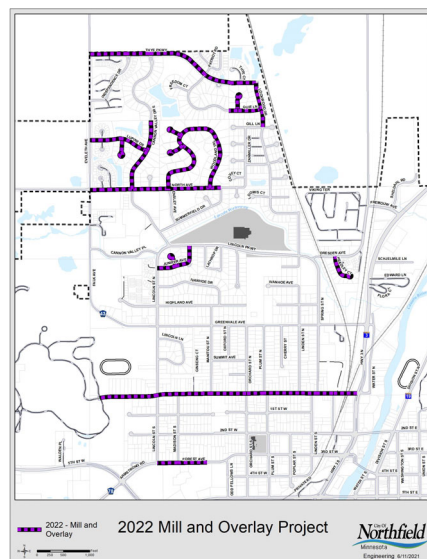
Project #	E-2022-001
Project Name	NW Area Mill and Overlay

Description	Total Project Cost: \$3,781,792
2" Pavement Mill and Overlay, spot curb replacement, ADA Pedestrian Ramp Improvements	

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

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	3,781,792					3,781,792
Total	3,781,792					3,781,792

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars	2,093,503					2,093,503
Franchise Fees	827,982					827,982
Stormwater Fund	170,669					170,669
Waste Water Fund	77,577					77,577
Water Fund	612,061					612,061
Total	3,781,792					3,781,792



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life 10 years
Category Capital Improvement Plan (CI)
Priority n/a

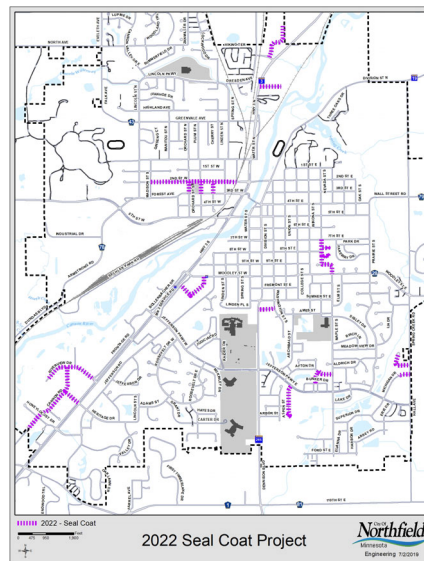
Project #	E-2022-002
Project Name	2022 Seal Coat/Crack Fill Project

Description	Total Project Cost: \$82,959

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	82,959					82,959
Total	82,959					82,959

Funding Sources	2022	2023	2024	2025	2026	Total
MSA	82,959					82,959
Total	82,959					82,959



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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

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

Description

Total Project Cost: \$230,000

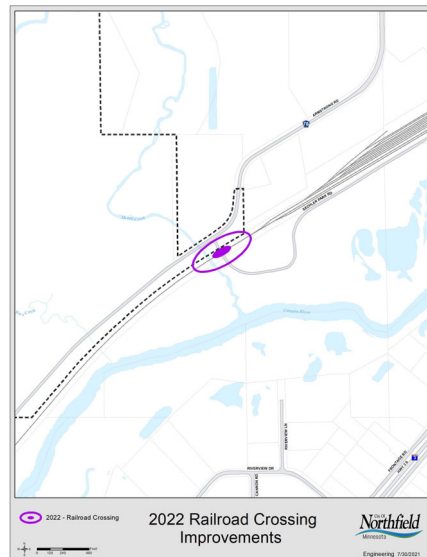
This project is in coordination with the states railroad highway grade crossing safety improvement program. The state will fund 90% of the improvement and the City will cover 10%.

This project will install gates and flashing lights.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	230,000					230,000
Total	230,000					230,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund	23,000					23,000
Other	207,000					207,000
Total	230,000					230,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

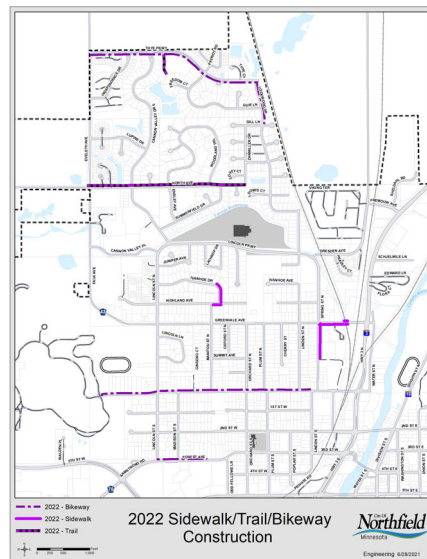
Project #	E-2022-004
Project Name	2022 Sidewalk/Trail Improvements

Description	Total Project Cost: \$959,800
North Avenue Trail/On-Street Bikeway, Greenvale Avenue Railroad Crossing Sidewalk Improvement, Spring Street Sidewalk, Cannon Valley Drive Sidewalk and Pedestrian Crossing Improvements, Thye Parkway Trail/On-Street Bikeway, Ivanhoe Drive Sidewalk, Greenvale Avenue Sidewalk	

Justification
High Priority Gaps

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	959,800					959,800
Total	959,800					959,800

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars	687,782					687,782
Franchise Fees	272,018					272,018
Total	959,800					959,800



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

Project # E-2022-005
Project Name TH 3 Traffic Signal Improvements

Total Project Cost: \$540,000

Description

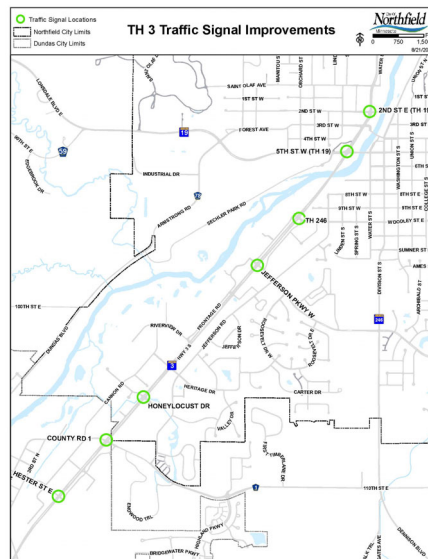
This project add Emergency Vehicle Preemption to the traffic signals on TH 3. This will decrease response times for police, ambulance, and fire. In addition, flashing yellow arrows, and LED light upgrades.

MNDOT Local Partnership Program Grant has been approved for this project.

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	540,000					540,000
Total	540,000					540,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund	250,000					250,000
Grant	290,000					290,000
Total	540,000					540,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

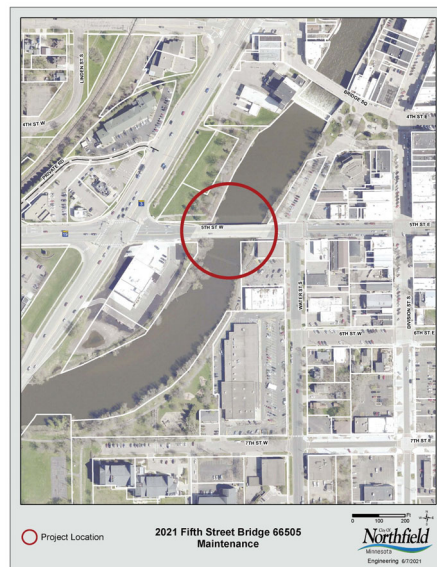
Project #	E-2022-006
Project Name	Fifth Street Bridge Maintenance

Description	Total Project Cost: \$601,609
The Project includes expansion joint repair, concrete approach panel replacement, diaphragm replacement and other miscellaneous repair to the bridge, that were identified in the latest Bridge Inspection.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	601,609					601,609
Total	601,609					601,609

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars	601,609					601,609
Total	601,609					601,609



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Road
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

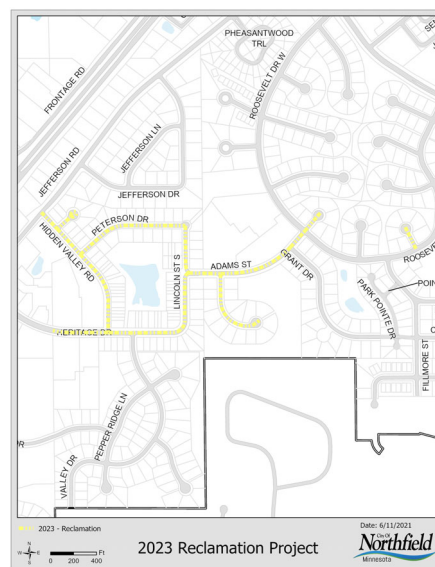
Project #	E-2023-001
Project Name	Southwest Area Reclamation

Description	Total Project Cost: \$1,558,329
Full depth pavement reclamation on Heritage Drive, Hidden Valley Road, Peterson Drive, Lincoln Street, Adams Street, Taylor Court, Thomas Court, Tyler Court, Adams Court	

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance		1,558,329				1,558,329
Total		1,558,329				1,558,329

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars		1,072,680				1,072,680
Franchise Fees		365,305				365,305
Stormwater Fund		46,939				46,939
Waste Water Fund		21,336				21,336
Water Fund		52,069				52,069
Total		1,558,329				1,558,329



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Unassigned
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

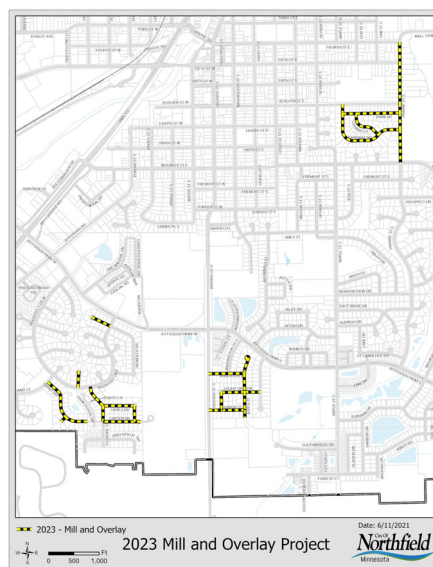
Project #	E-2023-002
Project Name	2023 Mill and Overlay Project

Description	Total Project Cost: \$2,554,113
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.	

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance		2,554,113				2,554,113
Total		2,554,113				2,554,113

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars		1,579,158				1,579,158
Franchise Fees		537,787				537,787
Stormwater Fund		133,192				133,192
Waste Water Fund		60,542				60,542
Water Fund		243,434				243,434
Total		2,554,113				2,554,113



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

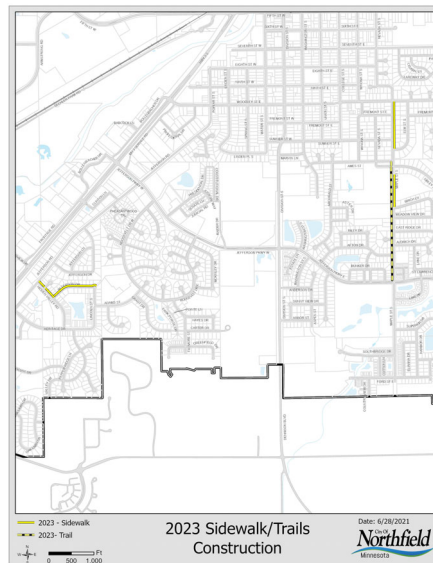
Project #	E-2023-003
Project Name	2023 Sidewalk/Trail Improvements

Description	Total Project Cost: \$775,108
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 on the West Side of Maple Street.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance		775,108				775,108
Total		775,108				775,108

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars		578,200				578,200
Franchise Fees		196,908				196,908
Total		775,108				775,108



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

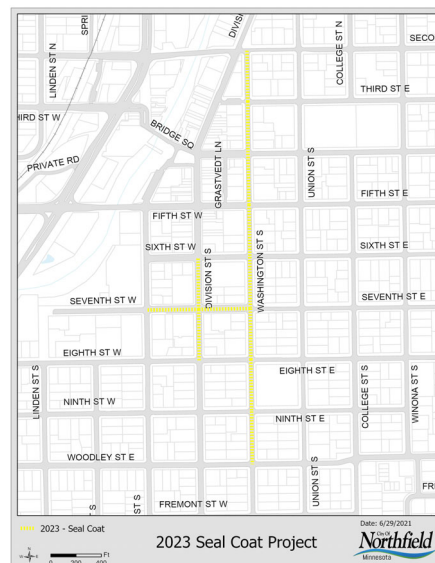
Project #	E-2023-004
Project Name	2023 Seal Coat

Description	Total Project Cost: \$26,491

Justification	

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance		26,491				26,491
Total		26,491				26,491

Funding Sources	2022	2023	2024	2025	2026	Total
MSA		26,491				26,491
Total		26,491				26,491



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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

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

Description	Total Project Cost: \$3,019,822
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.	

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance			3,019,822			3,019,822
Total			3,019,822			3,019,822

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			1,480,204			1,480,204
Franchise Fees			258,152			258,152
Stormwater Fund			338,224			338,224
Waste Water Fund			317,410			317,410
Water Fund			625,832			625,832
Total			3,019,822			3,019,822



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Road
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

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

Description	Total Project Cost: \$1,522,217
Water Street South Reconstruction - complete street reconstruction due to aging infrastructure.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			1,522,217			1,522,217
Total			1,522,217			1,522,217

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			746,152			746,152
Franchise Fees			130,131			130,131
Stormwater Fund			170,485			170,485
Waste Water Fund			159,993			159,993
Water Fund			315,456			315,456
Total			1,522,217			1,522,217



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Road
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

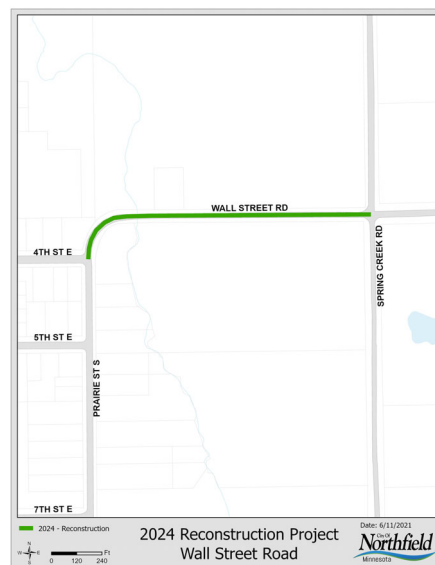
Project #	E-2024-003
Project Name	Wall Street Road Reconstruction

Description	Total Project Cost: \$3,126,693
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 extension 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 limits will be included to prepare for future development east and north of Oaklawn Cemetery.	

Justification
Complete reconstruction of Wall Street Road from Fourth Street to Rosewood Road.

Expenditures	2022	2023	2024	2025	2026	Total
Planning/Design	100,000					100,000
Construction/Maintenance			3,026,693			3,026,693
Total	100,000		3,026,693			3,126,693

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			689,688			689,688
Franchise Fees			120,283			120,283
Rice County			989,963			989,963
Stormwater Fund			350,178			350,178
Waste Water Fund			328,629			328,629
Water Fund			647,952			647,952
Total			3,126,693			3,126,693



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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

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

Total Project Cost: \$2,808,280

Description

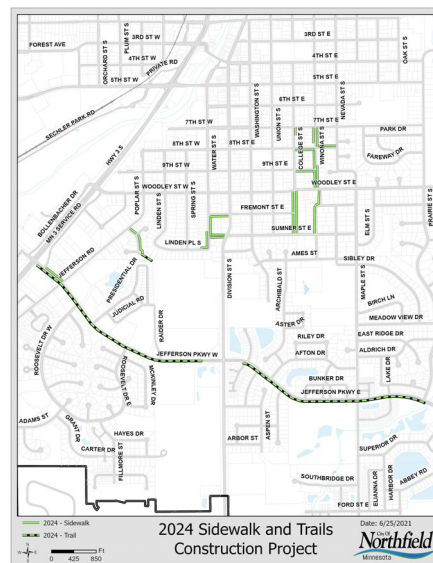
Sidewalk and Trail Improvements filling in the gaps. In addition, a segment of Mill Towns Trail will be constructed on the south side of Jefferson Pkwy with this project. The City has a 2022 bonding request into the state to build the MTT from Riverside Park to Waterford Bridge.

Justification

High Priority Sidewalk Gap

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			2,808,280			2,808,280
Total			2,808,280			2,808,280

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			996,788			996,788
Franchise Fees			173,842			173,842
Grant			1,637,650			1,637,650
Total			2,808,280			2,808,280



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

Project # E-2024-005
Project Name Jefferson Parkway Mill and Overlay

Total Project Cost: \$2,933,145

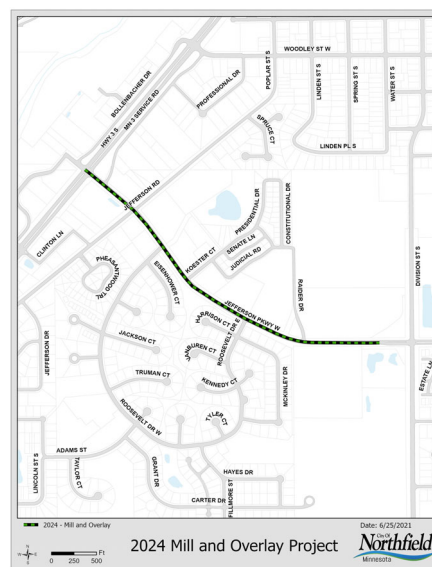
Description

Mill and Overlay on Jefferson Parkway from TH 3 to Spring Creek Road

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			2,933,145			2,933,145
Total			2,933,145			2,933,145

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars			2,394,409			2,394,409
Franchise Fees			417,591			417,591
Stormwater Fund			66,630			66,630
Waste Water Fund			30,286			30,286
Water Fund			24,229			24,229
Total			2,933,145			2,933,145



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

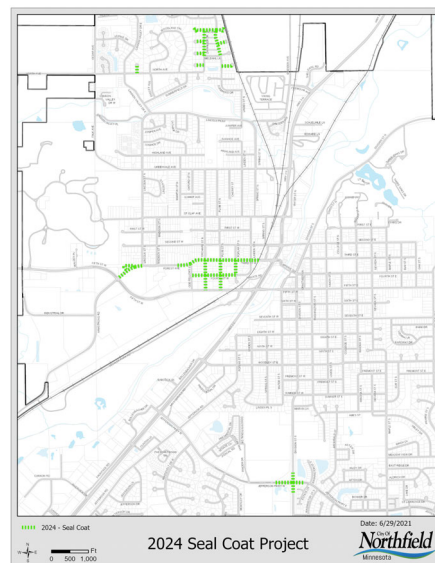
Project #	E-2024-006
Project Name	2024 Seal Coat

Description	Total Project Cost: \$71,777

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			71,777			71,777
Total			71,777			71,777

Funding Sources	2022	2023	2024	2025	2026	Total
MSA			71,777			71,777
Total			71,777			71,777



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

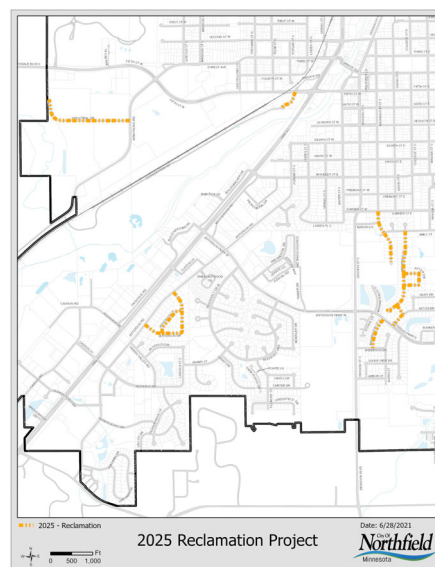
Project #	E-2025-001
Project Name	2025 Street Reclamation Project

Description	Total Project Cost: \$2,708,623
Pavement Reclamation on Industrial Drive and Laurel Court	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance				2,708,623		2,708,623
Total				2,708,623		2,708,623

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars				1,860,040		1,860,040
Franchise Fees				618,672		618,672
Stormwater Fund				126,451		126,451
Waste Water Fund				57,478		57,478
Water Fund				45,982		45,982
Total				2,708,623		2,708,623



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life 15 years
Category Capital Improvement Plan (CI)
Priority n/a

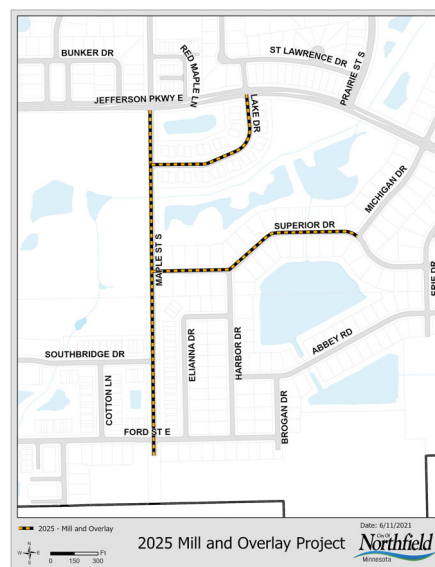
Project #	E-2025-002
Project Name	2025 Mill and Overlay Project

Description	Total Project Cost: \$918,138
Maple Street from Jefferson Parkway to Ford Street, Superior Drive from Maple Street to Michigan Drive, Lake Drive from Maple Street to Jefferson Parkway	

Justification	

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance				918,138		918,138
Total				918,138		918,138

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars				628,508		628,508
Franchise Fees				209,050		209,050
Stormwater Fund				44,319		44,319
Waste Water Fund				20,145		20,145
Water Fund				16,116		16,116
Total				918,138		918,138



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

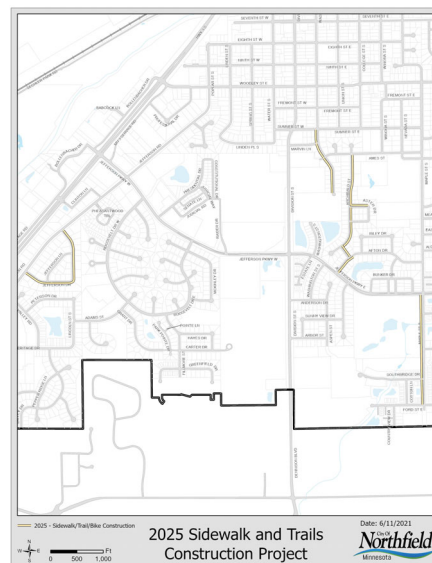
Project #	E-2025-003
Project Name	2025 Sidewalk/Trail Improvements Project

Description	Total Project Cost: \$1,090,887
High Priority Sidewalk Gaps. This includes sidewalks on Jefferson Dr.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance				1,090,887		1,090,887
Total				1,090,887		1,090,887

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars				818,608		818,608
Franchise Fees				272,279		272,279
Total				1,090,887		1,090,887



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

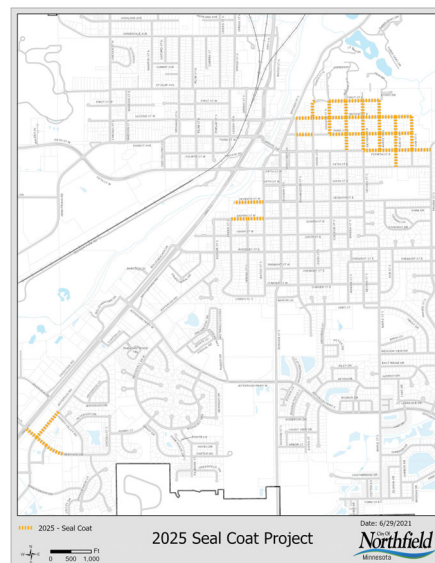
Project #	E-2025-004
Project Name	2025 Crack Fill

Description	Total Project Cost: \$16,153

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance				16,153		16,153
Total				16,153		16,153

Funding Sources	2022	2023	2024	2025	2026	Total
MSA				16,153		16,153
Total				16,153		16,153



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

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

Total Project Cost: \$1,425,828

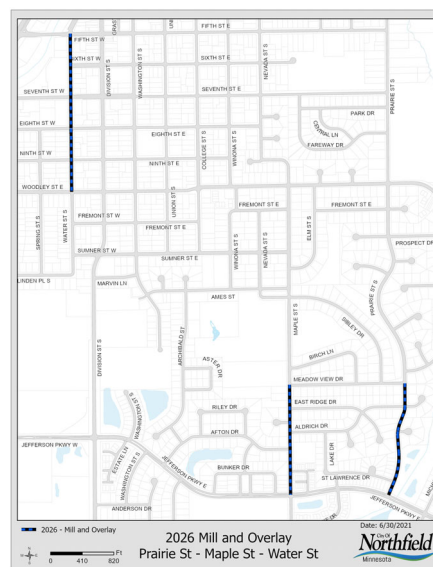
Description

Prairie Street from Meadowview Drive to Jefferson Parkway
 Maple Street from Meadowview Drive to Jefferson Parkway
 Water Street form Fifth Street to Woodley Street

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance					1,425,828	1,425,828
Total					1,425,828	1,425,828

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars					608,938	608,938
Franchise Fees					541,295	541,295
Stormwater Fund					60,827	60,827
Waste Water Fund					27,649	27,649
Water Fund					187,119	187,119
Total					1,425,828	1,425,828



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

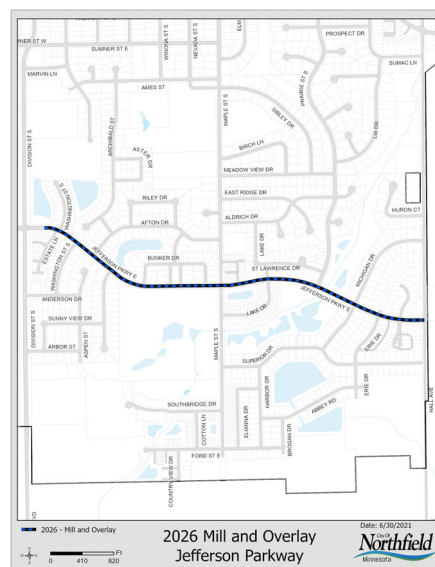
Project #	E-2026-002
Project Name	Jefferson Parkway Mill and Overlay

Description	Total Project Cost: \$1,275,748
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.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance					1,275,748	1,275,748
Total					1,275,748	1,275,748

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars					628,522	628,522
Franchise Fees					558,705	558,705
Stormwater Fund					48,687	48,687
Waste Water Fund					22,130	22,130
Water Fund					17,704	17,704
Total					1,275,748	1,275,748



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

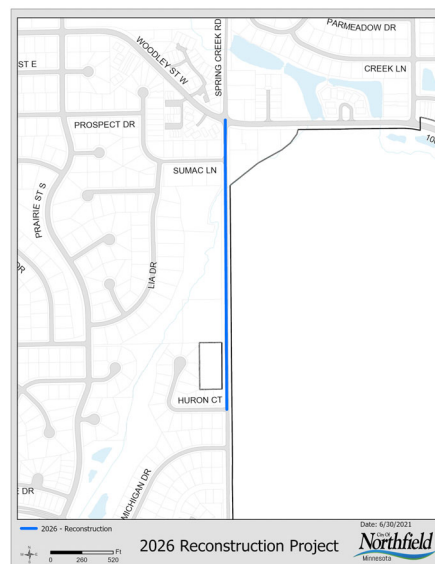
Project #	E-2026-003
Project Name	Spring Creek Road Reconstruction

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

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance					2,208,624	2,208,624
Total					2,208,624	2,208,624

Funding Sources	2022	2023	2024	2025	2026	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

2022 *thru* 2026

Department Engineering Division
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

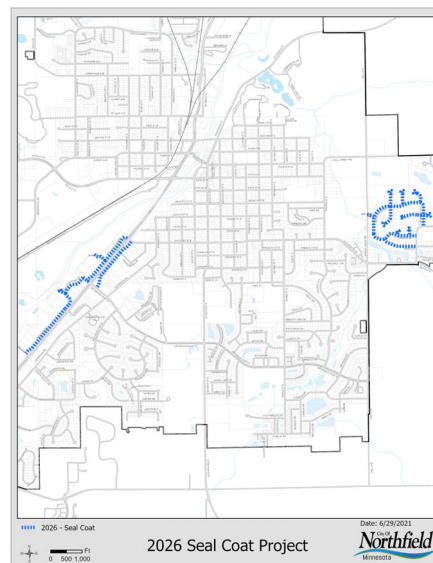
Project #	E-2026-004
Project Name	2026 Seal Coat

Description	Total Project Cost: \$79,343

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance					79,343	79,343
Total					79,343	79,343

Funding Sources	2022	2023	2024	2025	2026	Total
MSA					79,343	79,343
Total					79,343	79,343



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Information Technology
Contact IT Manager
Type Equipment
Useful Life 10 years
Category IT Projects/Equipment
Priority 5 Future Consideration

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

Description	Total Project Cost: \$50,000
Justification	

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings				50,000		50,000
Total				50,000		50,000

Capital Improvement Plan
City of Northfield, Minnesota

2022 *thru* 2026

Department NCRC
Contact Public Works Director
Type Unassigned
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

Project #	NCRC 2021-01
Project Name	New Pool Heaters

Description	Total Project Cost: \$10,000
Replacement of Pool Heater at FiftyNorth. FiftyNorth will pay for 50% of the cost and the City will pay 50% of the cost. The City share will come from the NCRC Fund	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings	10,000					10,000
Total	10,000					10,000

Funding Sources	2022	2023	2024	2025	2026	Total
NCRC Fund	10,000					10,000
Total	10,000					10,000

Capital Improvement Plan
City of Northfield, Minnesota

2022 *thru* 2026

Department NCRC
Contact
Type Unassigned
Useful Life
Category Capital Improvement Plan (CI
Priority n/a

Project #	NCRC 2024-01
Project Name	Exterior Painting

Description	Total Project Cost: \$10,000
Exterior Building Painting	
Justification	

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			10,000			10,000
Total			10,000			10,000

Funding Sources	2022	2023	2024	2025	2026	Total
NCRC Fund			10,000			10,000
Total			10,000			10,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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	Babcock Park Hockey Rink/Lights

Description	Total Project Cost: \$185,000
Replacement of existing hockey rink and lights. 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. New lighting would also help to illuminate this rink.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			185,000			185,000
Total			185,000			185,000

Funding Sources	2022	2023	2024	2025	2026	Total
Capital Reserve Fund			185,000			185,000
Total			185,000			185,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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

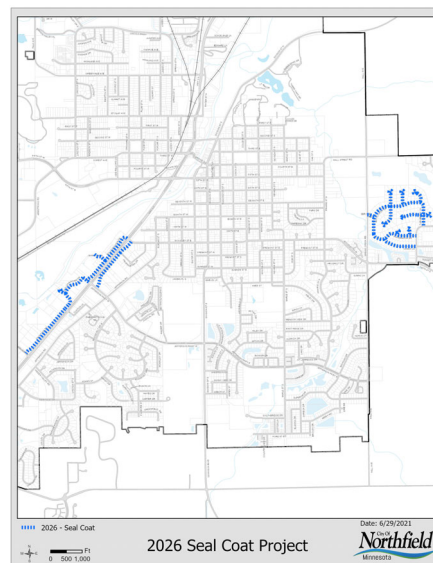
Project #	P-2022-002
Project Name	Babcock Park Bathrrom & Softball Field & Lions She

Description	Total Project Cost: \$185,000
Hire a consultant to draft up plans and spec's for retaining wall replacement, site improvement and building upgrade (ADA compliant restrooms). Construct in 2023.	

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

Expenditures	2022	2023	2024	2025	2026	Total
Planning/Design	70,000					70,000
Construction/Maintenance		700,000				700,000
Total	70,000	700,000				770,000

Funding Sources	2022	2023	2024	2025	2026	Total
Bonded Dollars		700,000				700,000
Capital Reserve Fund	70,000					70,000
Total	70,000	700,000				770,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Park Division

Contact

Type Study

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	P-2022-003
Project Name	Ames Park Master Plan

Description	Total Project Cost: \$30,000
As part of the Riverfront Enhancement Action Plan, improving and activating the parks along the river is identified. This proposed plan creation will help guide improvements in Ames Park.	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Planning/Design	30,000					30,000
Total	30,000					30,000

Funding Sources	2022	2023	2024	2025	2026	Total
Park Fund	30,000					30,000
Total	30,000					30,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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

Project #	ST-2021-006
Project Name	Riverside Pickle Ball Courts

Description	Total Project Cost: \$100,000
Removing old pickle ball courts. Building new pickle ball courts at Riverside/Lions Park. Orientating the courts in a north/south direction.	

Justification
Existing pickle ball courts need improvement and need to be orientated in a north/south direction. The existing courts are used frequently.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	100,000					100,000
Total	100,000					100,000

Funding Sources	2022	2023	2024	2025	2026	Total
Park Fund	100,000					100,000
Total	100,000					100,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Stormwater Division

Contact

Type Maintenance

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

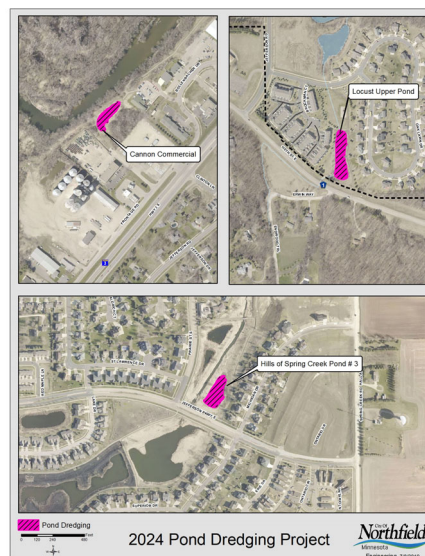
Project #	SW- 2024-001
Project Name	Hills #3, Cannon & Locust Pond Dredging

Description	Total Project Cost: \$597,652
Pond Dredging on Hills of Spring Creek #3, Cannon Commercial, & Locust Upper Pond	

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance			597,652			597,652
Total			597,652			597,652

Funding Sources	2022	2023	2024	2025	2026	Total
Stormwater Fund			597,652			597,652
Total			597,652			597,652



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Stormwater Division

Contact

Type Unassigned

Useful Life

Category Capital Improvement Plan (CI

Priority n/a

Project #	SW-2021-001
Project Name	West Riverwall Floodwall Extension

Description	Total Project Cost: \$2,000,000

Justification

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance		2,000,000				2,000,000
Total		2,000,000				2,000,000

Funding Sources	2022	2023	2024	2025	2026	Total
Stormwater Fund		2,000,000				2,000,000
Total		2,000,000				2,000,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Stormwater Division

Contact

Type Maintenance

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project # SW-2022-001

Project Name Prairie Hills #1 and Hidden Valley Pond Dredging

Total Project Cost: \$789,610

Description

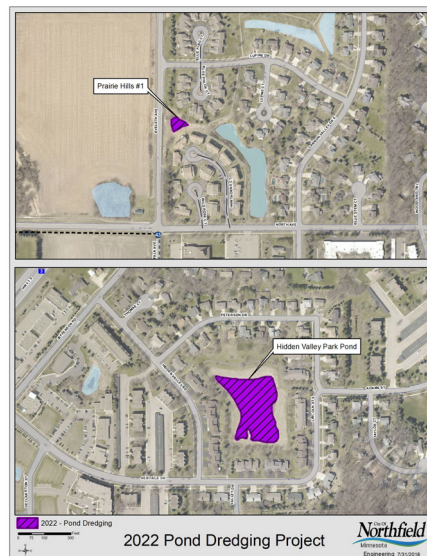
Pond dredging of Prairie Hills Pond #1 and Hidden Valley Park Pond

Justification

These ponds were ranked priority #3, & #5 in the 2017 Storm Pond Assessment Study for percent full of sediment.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance	789,610					789,610
Total	789,610					789,610

Funding Sources	2022	2023	2024	2025	2026	Total
Stormwater Fund	789,610					789,610
Total	789,610					789,610



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Stormwater Division

Contact

Type Maintenance

Useful Life

Category Capital Improvement Plan (CI)

Priority n/a

Project # SW-2023-001

Project Name 2023 Storm Sewer Repairs

Total Project Cost: \$1,290,793

Description

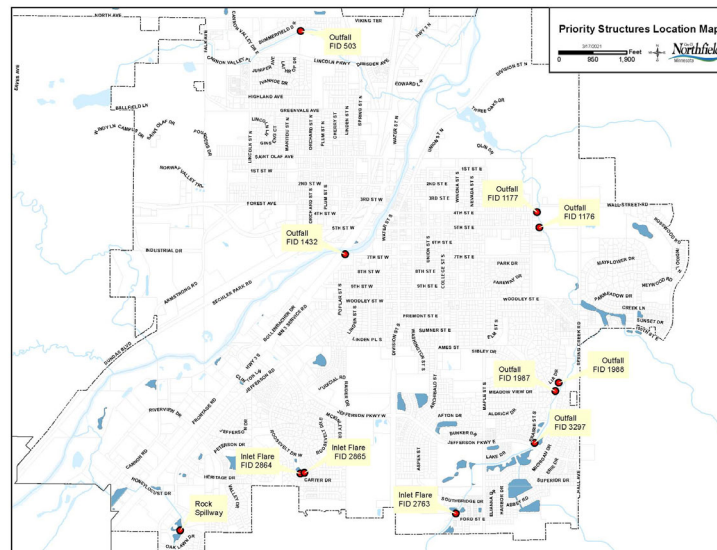
Identified repairs from the Strategic Plan Stormwater Maintenance Plan

Justification

These repairs are necessary to maintain our Stormwater Treatment Systems

Expenditures	2022	2023	2024	2025	2026	Total
Planning/Design	100,000					100,000
Construction/Maintenance		1,190,793				1,190,793
Total	100,000	1,190,793				1,290,793

Funding Sources	2022	2023	2024	2025	2026	Total
Stormwater Fund	100,000	1,190,793				1,290,793
Total	100,000	1,190,793				1,290,793



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 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	2022	2023	2024	2025	2026	Total
Planning/Design	218,257	218,257				436,514
Construction/Maintenance		1,798,438				1,798,438
Total	218,257	2,016,695				2,234,952

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund	218,257	2,016,695				2,234,952
Total	218,257	2,016,695				2,234,952



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority n/a

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	2022	2023	2024	2025	2026	Total
Planning/Design	393,493	393,492				786,985
Construction/Maintenance		3,242,376				3,242,376
Total	393,493	3,635,868				4,029,361

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund	393,493	3,635,868				4,029,361
Total	393,493	3,635,868				4,029,361



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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

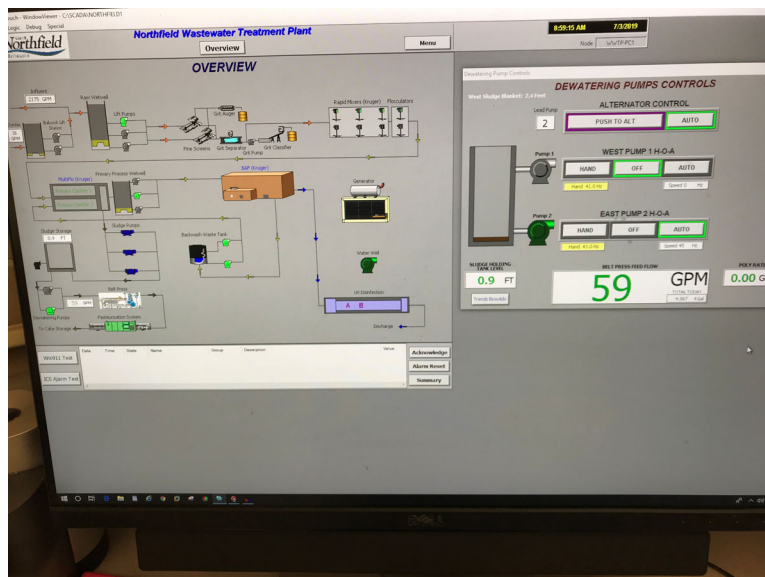
Project #	WW-2022-003
Project Name	Control System and Card Access System Upgrades

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	2022	2023	2024	2025	2026	Total
Planning/Design	81,370	81,370				162,740
Construction/Maintenance		748,995				748,995
Total	81,370	830,365				911,735

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund	81,370	830,365				911,735
Total	81,370	830,365				911,735



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 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	2022	2023	2024	2025	2026	Total
Planning/Design	48,925	48,925				97,850
Construction/Maintenance		663,063				663,063
Total	48,925	711,988				760,913

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund	48,925	711,988				760,913
Total	48,925	711,988				760,913



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Equipment
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

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

Description	Total Project Cost: \$227,364
Replacement of MAU-5.	

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

Expenditures	2022	2023	2024	2025	2026	Total
Planning/Design	22,197	22,196				44,393
Construction/Maintenance		182,971				182,971
Total	22,197	205,167				227,364

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund	22,197	205,167				227,364
Total	22,197	205,167				227,364



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

Project #	WW-2023-002
Project Name	Rooftop Solar

Description	Total Project Cost: \$397,838
Installation of solar panels on the wwtp roofs.	

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance		397,838				397,838
Total		397,838				397,838

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund		397,838				397,838
Total		397,838				397,838



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Facility
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

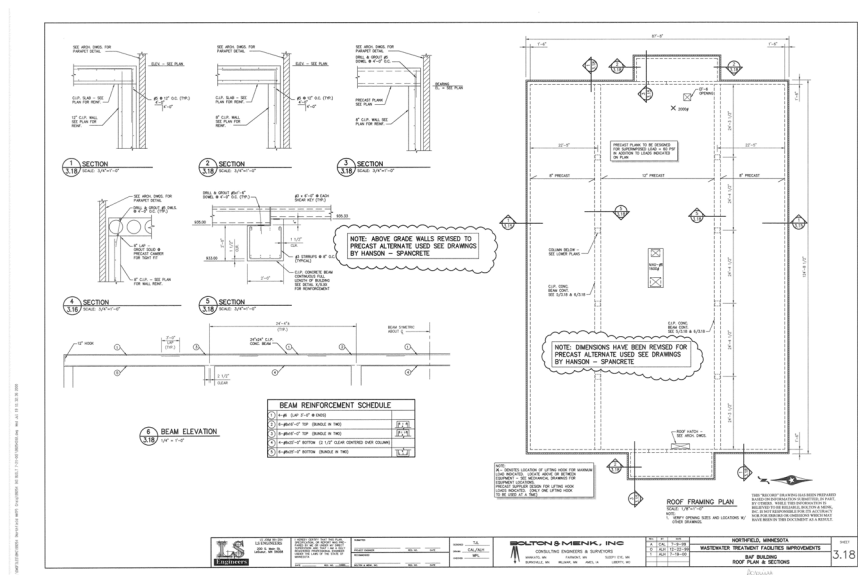
Project #	WW-2023-004
Project Name	BAF Roof Replacement

Description	Total Project Cost: \$339,488
Replacement of the BAF Roof.	

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

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance		339,488				339,488
Total		339,488				339,488

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund		339,488				339,488
Total		339,488				339,488



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Facility
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

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

Total Project Cost: \$37,132

Description

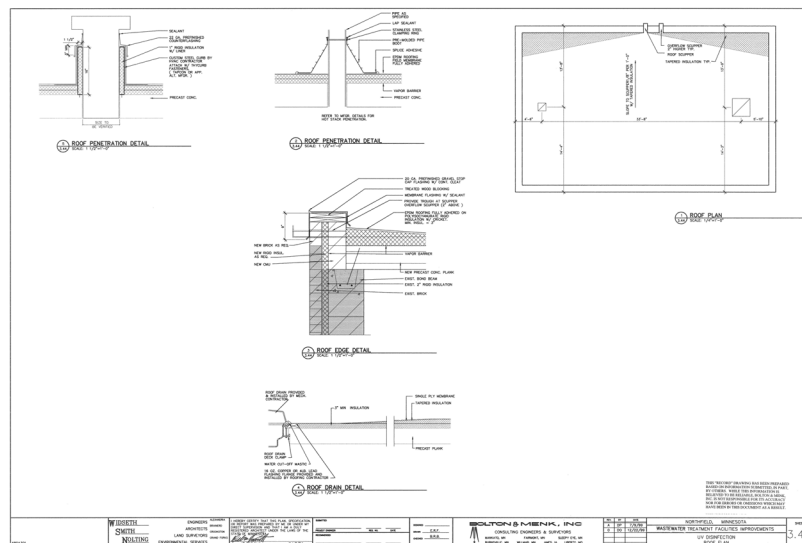
Replacement of the UV disinfection roof.

Justification

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

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance		37,132				37,132
Total		37,132				37,132

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund		37,132				37,132
Total		37,132				37,132



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Facility
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

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

Total Project Cost: \$371,315

Description

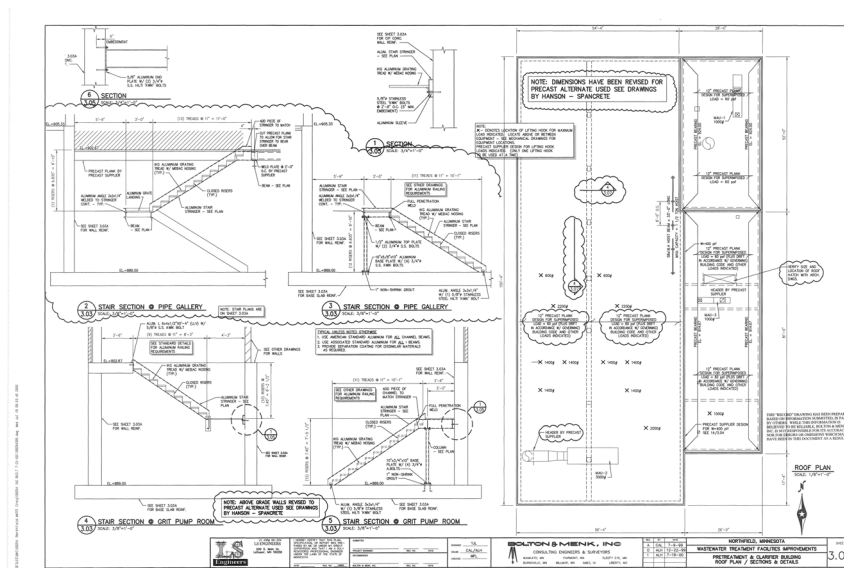
Replacement of the Pretreatment Building Roof.

Justification

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

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance		371,315				371,315
Total		371,315				371,315

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund		371,315				371,315
Total		371,315				371,315



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Unassigned
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 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	2022	2023	2024	2025	2026	Total
Construction/Maintenance		375,559				375,559
Total		375,559				375,559

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund		375,559				375,559
Total		375,559				375,559



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Maintenance
Useful Life 25 years
Category Capital Improvement Plan (CI)
Priority 3 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	2022	2023	2024	2025	2026	Total
Construction/Maintenance		61,532				61,532
Total		61,532				61,532

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund		61,532				61,532
Total		61,532				61,532



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings					695,564	695,564
Total					695,564	695,564

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund					695,564	695,564
Total					695,564	695,564



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

Project #	WW-2026-002
Project Name	Preliminary Treatment

Description	Total Project Cost: \$347,782
Replacement of preliminary treatment equipment.	

Justification
Project was identified in the 2021 Facility Study.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance					347,782	347,782
Total					347,782	347,782

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund					347,782	347,782
Total					347,782	347,782



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Wastewater Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

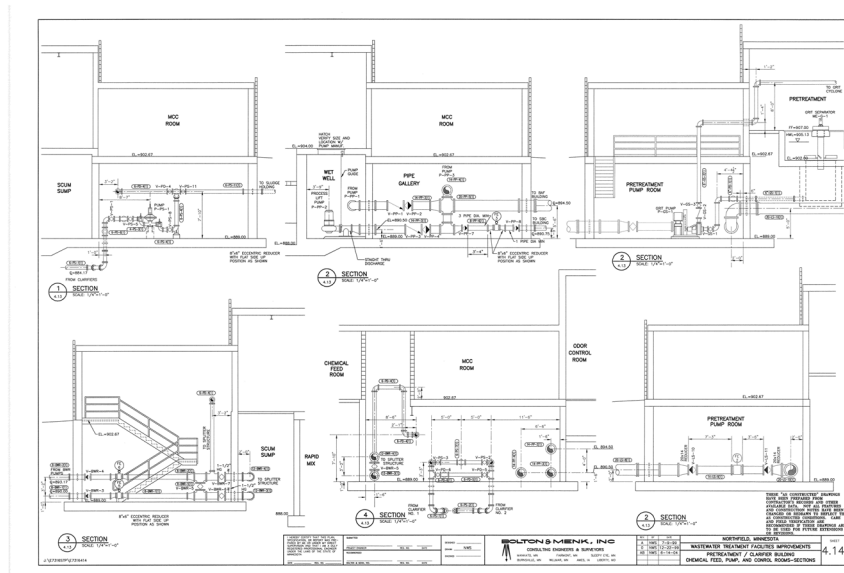
Project #	WW-2026-003
Project Name	Process Lift Pumps

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance					243,448	243,448
Total					243,448	243,448

Funding Sources	2022	2023	2024	2025	2026	Total
Waste Water Fund					243,448	243,448
Total					243,448	243,448



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Water Division
Contact Public Works Director
Type Land
Useful Life 40 years
Category Capital Improvement Plan (CI)
Priority 4 Less Important

Project #	W-2022-002
Project Name	Land Acquisition for Water Tank in NW Area

Description	Total Project Cost: \$250,000
Acquire land in northwest annexation area for future water tank. The tower site would need to be roughly 5 acres in size.	

Justification
Service enterprise park in the in NW annexation area.

Expenditures	2022	2023	2024	2025	2026	Total
Land Acquisition	250,000					250,000
Total	250,000					250,000

Funding Sources	2022	2023	2024	2025	2026	Total
Water Fund	250,000					250,000
Total	250,000					250,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Water Division
Contact Public Works Director
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)
Priority n/a

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	2022	2023	2024	2025	2026	Total
Planning/Design	1,000,000					1,000,000
Construction/Maintenance		32,450,000				32,450,000
Total	1,000,000	32,450,000				33,450,000

Funding Sources	2022	2023	2024	2025	2026	Total
Water Fund	1,000,000	32,450,000				33,450,000
Total	1,000,000	32,450,000				33,450,000

Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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

Project #	W-2023-002
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	2022	2023	2024	2025	2026	Total
Construction/Maintenance		200,000				200,000
Total		200,000				200,000

Funding Sources	2022	2023	2024	2025	2026	Total
Water Fund		200,000				200,000
Total		200,000				200,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Water Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 Important

Project # W-2023-003
Project Name Well No. 03 Generator Replacement

Description

Total Project Cost: \$120,000

Replace the existing generator.

Justification

This is the end of the generators useful life.

Expenditures	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings		120,000				120,000
Total		120,000				120,000

Funding Sources	2022	2023	2024	2025	2026	Total
Water Fund		120,000				120,000
Total		120,000				120,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Water Division
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 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	2022	2023	2024	2025	2026	Total
Equip/Vehicles/Furnishings			120,000			120,000
Total			120,000			120,000

Funding Sources	2022	2023	2024	2025	2026	Total
Water Fund			120,000			120,000
Total			120,000			120,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

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	2022	2023	2024	2025	2026	Total
Construction/Maintenance			200,000			200,000
Total			200,000			200,000

Funding Sources	2022	2023	2024	2025	2026	Total
Water Fund			200,000			200,000
Total			200,000			200,000



Capital Improvement Plan

City of Northfield, Minnesota

2022 *thru* 2026

Department Water Division
Contact Public Works Director
Type Maintenance
Useful Life 20 years
Category Capital Improvement Plan (CI)
Priority 3 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.	

Justification
This extends the useful life of the tank structure.

Expenditures	2022	2023	2024	2025	2026	Total
Construction/Maintenance					1,000,000	1,000,000
Total					1,000,000	1,000,000

Funding Sources	2022	2023	2024	2025	2026	Total
Water Fund					1,000,000	1,000,000
Total					1,000,000	1,000,000

