

# 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
<b>City Facilities</b>								
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
<b>City Facilities Total</b>			<b>225,000</b>	<b>18,405,000</b>	<b>420,000</b>	<b>480,000</b>	<b>50,000</b>	<b>19,580,000</b>
<b>Engineering Division</b>								
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
<b>Engineering Division Total</b>			<b>4,215,066</b>	<b>15,848,966</b>	<b>4,753,481</b>	<b>7,583,555</b>	<b>2,597,820</b>	<b>34,998,888</b>

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
<b>Information Technology</b>								
VXRail Server Upgrade	IT-2023-001	1	120,000					120,000
Phone System Upgrade	IT-2025-001	3			100,000			100,000
<b>Information Technology Total</b>			<b>120,000</b>		<b>100,000</b>			<b>220,000</b>
<b>NCRC</b>								
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
<b>NCRC Total</b>			<b>220,000</b>	<b>140,000</b>	<b>205,000</b>		<b>48,000</b>	<b>613,000</b>
<b>Park Division</b>								
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
<b>Park Division Total</b>			<b>3,100,000</b>	<b>5,850,000</b>				<b>8,950,000</b>
<b>Stormwater Division</b>								
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
<b>Stormwater Division Total</b>			<b>2,095,553</b>	<b>3,122,800</b>				<b>5,218,353</b>
<b>Street Division</b>								
Hwy 3 LED Street Light Conversion	ST-2024-002	2		245,000				245,000
<b>Street Division Total</b>				<b>245,000</b>				<b>245,000</b>
<b>Wastewater Division</b>								
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
<b>Wastewater Division Total</b>			<b>8,982,947</b>	<b>500,000</b>		<b>1,286,794</b>		<b>10,769,741</b>
<b>Water Division</b>								
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
<b>Water Division Total</b>			<b>32,450,000</b>	<b>5,640,000</b>		<b>1,000,000</b>	<b>3,000,000</b>	<b>42,090,000</b>
<b>GRAND TOTAL</b>			<b>51,408,566</b>	<b>49,751,766</b>	<b>5,478,481</b>	<b>10,350,349</b>	<b>5,695,820</b>	<b>122,684,982</b>



# City of Northfield, Minnesota

## Capital Improvement Plan

2023 thru 2027

### PROJECTS BY FUNDING SOURCE

Source	Project #	Priority	2023	2024	2025	2026	2027	Total
<b>Bonded Dollars</b>								
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
<b>Bonded Dollars Total</b>			<b>5,394,879</b>	<b>18,279,389</b>	<b>3,341,725</b>	<b>2,132,287</b>	<b>2,462,706</b>	<b>31,610,986</b>
<b>Capital Reserve Fund</b>								
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
<b>Capital Reserve Fund Total</b>				<b>60,000</b>		<b>30,000</b>		<b>90,000</b>
<b>City Facilities Fund</b>								
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
<b>NCRC Fund Total</b>			<b>220,000</b>	<b>140,000</b>	<b>205,000</b>		<b>48,000</b>	<b>613,000</b>

#### 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
<b>Other Total</b>			<b>13,000,000</b>	<b>540,000</b>		<b>1,770,018</b>		<b>15,310,018</b>

#### 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
<b>Park Fund Total</b>			<b>305,000</b>					<b>305,000</b>

#### 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
<b>Revenue Bond Total</b>				<b>5,000,000</b>			<b>3,000,000</b>	<b>8,000,000</b>

#### Rice County

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

#### 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
<b>Stormwater Fund Total</b>			<b>2,132,071</b>	<b>3,941,219</b>	<b>184,560</b>	<b>629,855</b>	<b>122,861</b>	<b>7,010,566</b>
<b>Waste Water Fund</b>								
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
<b>Waste Water Fund Total</b>			<b>9,037,721</b>	<b>3,196,755</b>	<b>68,936</b>	<b>1,579,082</b>	<b>55,846</b>	<b>13,938,340</b>
<b>Water Fund</b>								
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
<b>Water Fund Total</b>			<b>32,693,895</b>	<b>3,011,893</b>	<b>58,259</b>	<b>1,619,041</b>	<b>44,677</b>	<b>37,427,765</b>
<b>GRAND TOTAL</b>			<b>64,266,637</b>	<b>36,751,767</b>	<b>5,378,480</b>	<b>10,050,348</b>	<b>6,884,089</b>	<b>123,331,321</b>

# 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

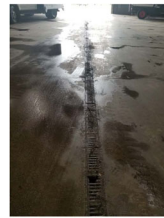
Replace the exhistng trench drains at street shop

### 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
<b>Total</b>		<b>55,000</b>	<b>55,000</b>			<b>110,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund		55,000	55,000			110,000
<b>Total</b>		<b>55,000</b>	<b>55,000</b>			<b>110,000</b>



# 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
<b>Total</b>		<b>350,000</b>				<b>350,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund		350,000				350,000
<b>Total</b>		<b>350,000</b>				<b>350,000</b>



# 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

<b>Project #</b>	<b>F-2023-003</b>
<b>Project Name</b>	<b>Street shop-raidian heat</b>

<b>Description</b>	<b>Total Project Cost: \$75,000</b>
Replace current radiant tube heaters at street shop	

<b>Justification</b>
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
<b>Total</b>	<b>75,000</b>					<b>75,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund	75,000					75,000
<b>Total</b>	<b>75,000</b>					<b>75,000</b>





# 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

<b>Project #</b>	<b>F-2023-004</b>
<b>Project Name</b>	<b>Police Department Fence</b>

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

<b>Justification</b>

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

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund	150,000					150,000
<b>Total</b>	<b>150,000</b>					<b>150,000</b>

# 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

<b>Project #</b>	<b>F-2024-006</b>
<b>Project Name</b>	<b>New Ice Arena</b>

<b>Description</b>	<b>Total Project Cost: \$18,000,000</b>
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.	

<b>Justification</b>
The existng arena has reached its useful life and need to be replaced.

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

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

# 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

<b>Project #</b>	<b>F-2025-001</b>
<b>Project Name</b>	<b>City Hall- Boiler replacement</b>

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

<b>Justification</b>

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

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund			150,000			150,000
<b>Total</b>			<b>150,000</b>			<b>150,000</b>



# 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
<b>Total</b>			<b>200,000</b>			<b>200,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund			200,000			200,000
<b>Total</b>			<b>200,000</b>			<b>200,000</b>



# 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
<b>Total</b>			<b>15,000</b>			<b>15,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund			15,000			15,000
<b>Total</b>			<b>15,000</b>			<b>15,000</b>



# 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

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

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

<b>Justification</b>
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
<b>Total</b>				<b>50,000</b>		<b>50,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				50,000		50,000
<b>Total</b>				<b>50,000</b>		<b>50,000</b>

# 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

<b>Project #</b>	<b>F-2026-003</b>
<b>Project Name</b>	<b>City hall-elevator modernization</b>

<b>Description</b>	<b>Total Project Cost: \$100,000</b>
Moderinze elevator car and equipment	

<b>Justification</b>
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
<b>Total</b>				<b>100,000</b>		<b>100,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				100,000		100,000
<b>Total</b>				<b>100,000</b>		<b>100,000</b>

# 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

<b>Project #</b>	<b>F-2026-004</b>
<b>Project Name</b>	<b>CITY HALL RTU 12 REPLACEMENT</b>

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

<b>Justification</b>
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
<b>Total</b>				<b>20,000</b>		<b>20,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				20,000		20,000
<b>Total</b>				<b>20,000</b>		<b>20,000</b>



# 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

<b>Project #</b>	<b>F-2026-005</b>
<b>Project Name</b>	<b>City Hall-roof replacement</b>

<b>Description</b>	<b>Total Project Cost: \$300,000</b>
Replace fully adheared roofing material at City Hall	

<b>Justification</b>
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
<b>Total</b>				<b>300,000</b>		<b>300,000</b>

# 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

**Total Project Cost:** \$10,000

### Description

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
<b>Total</b>				<b>10,000</b>		<b>10,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund				10,000		10,000
<b>Total</b>				<b>10,000</b>		<b>10,000</b>

# 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

### Description

**Total Project Cost:** \$20,000

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
<b>Total</b>					<b>20,000</b>	<b>20,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund					20,000	20,000
<b>Total</b>					<b>20,000</b>	<b>20,000</b>

# 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

<b>Project #</b>	<b>F-2027-002</b>
<b>Project Name</b>	<b>Street Shop Make up air unit replacement</b>

<b>Description</b>	<b>Total Project Cost: \$30,000</b>
Replace the make up air units at the street shop.	

<b>Justification</b>
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
<b>Total</b>					<b>30,000</b>	<b>30,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
City Facilities Fund					30,000	30,000
<b>Total</b>					<b>30,000</b>	<b>30,000</b>

# Capital Improvement Plan

## City of Northfield, Minnesota

2023 *thru* 2027

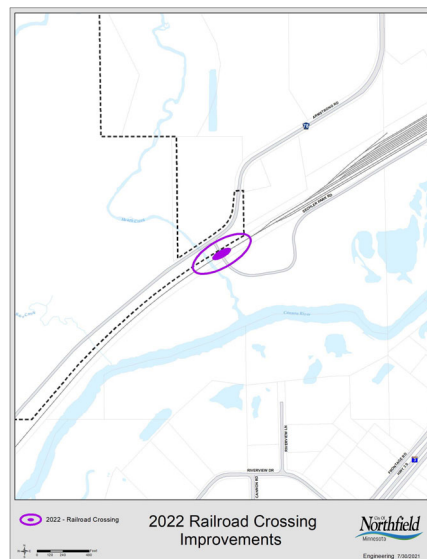
**Department** Engineering Division  
**Contact** Public Works Director  
**Type** New Infrastructure  
**Useful Life**  
**Category** Capital Improvement Plan (CI)  
**Priority** 2 Very Important

<b>Project #</b>	<b>E-2022-003</b>
<b>Project Name</b>	<b>Sechler Road Railroad Crossing Improvement</b>

<b>Description</b>	<b>Total Project Cost: \$600,000</b>
<p>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%.</p> <p>This project will install gates and flashing lights.</p>	
<b>Justification</b>	

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

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



# Capital Improvement Plan

## City of Northfield, Minnesota

2023 *thru* 2027

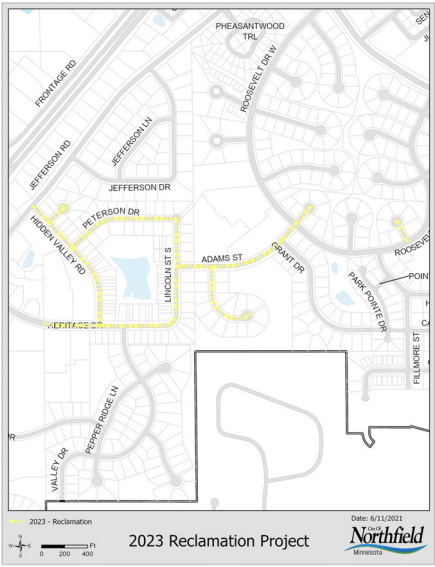
**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Road  
**Useful Life** 25 years  
**Category** Capital Improvement Plan (CI)  
**Priority** 2 Very Important

<b>Project #</b>	<b>E-2023-001</b>
<b>Project Name</b>	<b>Southwest Area Reclamation</b>

<b>Description</b>	<b>Total Project Cost: \$1,276,385</b>
<p>Full depth pavement reclamation on Heritage Drive, Hidden Valley Road, Peterson Drive, Lincoln Street, Adams Street, Taylor Court, Thomas Court, Tyler Court, Adams Court.</p> <p>This project will include bikeways on Heritage Drive, Lincoln Street and Adams Street.</p> <p>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.</p>	
<b>Justification</b>	
<p>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.</p>	

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

<b>Funding Sources</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
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
<b>Total</b>	<b>1,276,385</b>					<b>1,276,385</b>



# 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

<b>Project #</b>	<b>E-2023-002</b>
<b>Project Name</b>	<b>2023 Mill and Overlay Project</b>

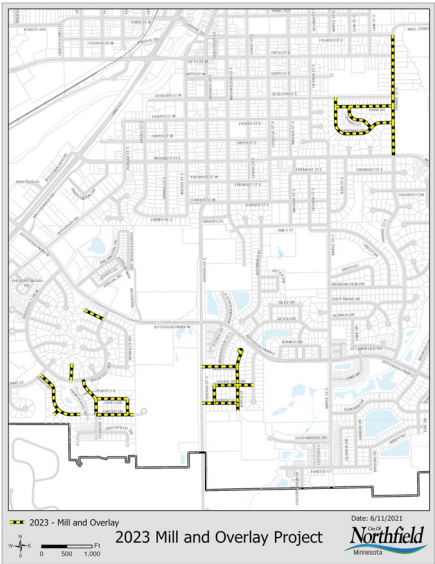
<b>Description</b>	<b>Total Project Cost: \$2,313,668</b>
<p>Pavement Mill and Overlay and ADA upgrades on Jefferson Parkway, Prairie Street, Park Drive, Central Lane, Fareway Drive, Grant Drive, Grant Drive, Grant Court, Hayes Drive, Ford Street, Johson Street, Carter Drive, Harrison Court, Johnson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

<b>Justification</b>
<p>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.</p>

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

<b>Funding Sources</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
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
<b>Total</b>	<b>2,313,668</b>					<b>2,313,668</b>





# Capital Improvement Plan

## City of Northfield, Minnesota

2023 *thru* 2027

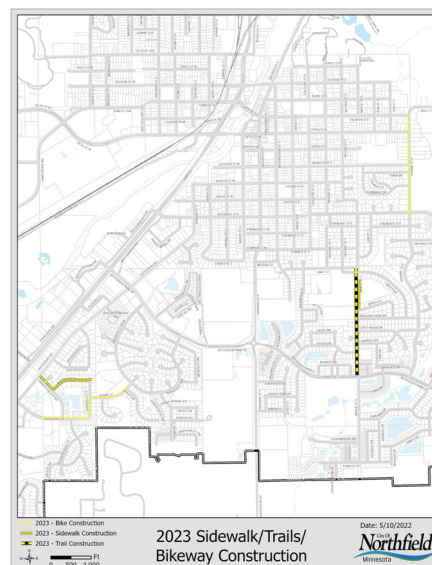
**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 40 years  
**Category** Capital Improvement Plan (CI)  
**Priority** 1 Critical

<b>Project #</b>	<b>E-2023-003</b>
<b>Project Name</b>	<b>2023 Sidewalk/Trail Improvements</b>

<b>Description</b>	<b>Total Project Cost: \$625,013</b>
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.	
<b>Justification</b>	

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

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



# 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

<b>Project #</b>	<b>E-2024-001</b>
<b>Project Name</b>	<b>2024 College &amp; Winona Street Reconstruction</b>

<b>Description</b>	<b>Total Project Cost: \$5,105,868</b>
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	
<b>Justification</b>	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
<b>Total</b>		<b>5,105,868</b>				<b>5,105,868</b>

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
<b>Total</b>		<b>5,105,869</b>				<b>5,105,869</b>



# 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

<b>Project #</b>	<b>E-2024-002</b>
<b>Project Name</b>	<b>2024 Water Street South Reconstruction</b>

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

<b>Justification</b>
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
<b>Total</b>		<b>2,163,846</b>				<b>2,163,846</b>

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
<b>Total</b>		<b>2,163,846</b>				<b>2,163,846</b>



# Capital Improvement Plan

## City of Northfield, Minnesota

2023 *thru* 2027

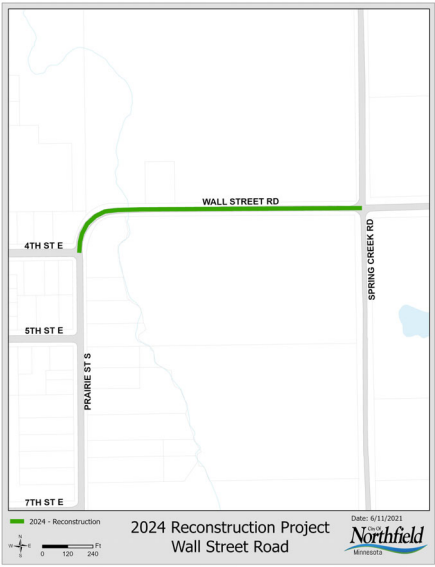
**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Road  
**Useful Life** 40 years  
**Category** Capital Improvement Plan (CI)  
**Priority** 2 Very Important

<b>Project #</b>	<b>E-2024-003</b>
<b>Project Name</b>	<b>Wall Street Road Reconstruction</b>

<b>Description</b>	<b>Total Project Cost: \$3,295,484</b>
<p>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.</p> <p>This project will also include pedestrian crossing improvements at Wall Street Road and Spring Creek Road.</p>	
<b>Justification</b>	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

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

<b>Funding Sources</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
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
<b>Total</b>		<b>3,295,484</b>				<b>3,295,484</b>



# Capital Improvement Plan

## City of Northfield, Minnesota

2023 *thru* 2027

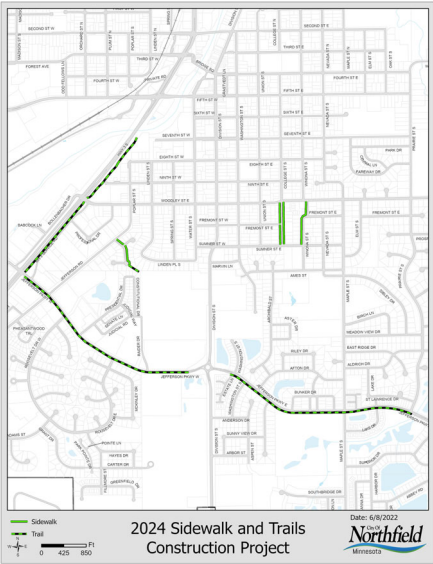
**Department** Engineering Division  
**Contact** Public Works Director  
**Type** New Infrastructure  
**Useful Life**  
**Category** Capital Improvement Plan (CI)  
**Priority** 1 Critical

<b>Project #</b>	<b>E-2024-004</b>
<b>Project Name</b>	<b>2024 Sidewalk/Trail Improvements</b>

<b>Description</b>	<b>Total Project Cost: \$2,868,280</b>
<p>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.</p> <p>This project also includes pedestrian crossing improvements at Jefferson Road and Spruce Court, Linden Place and Water Street, and College Street and Woodley Street.</p>	
<b>Justification</b>	
<p>Identified High Priority Sidewalk Gap</p>	

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

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
<b>Total</b>		<b>2,868,280</b>				<b>2,868,280</b>



# 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

**Total Project Cost:** \$1,815,488

### Description

Mill and Overlay on Jefferson Parkway from TH 3 to TH 246, this construction 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.

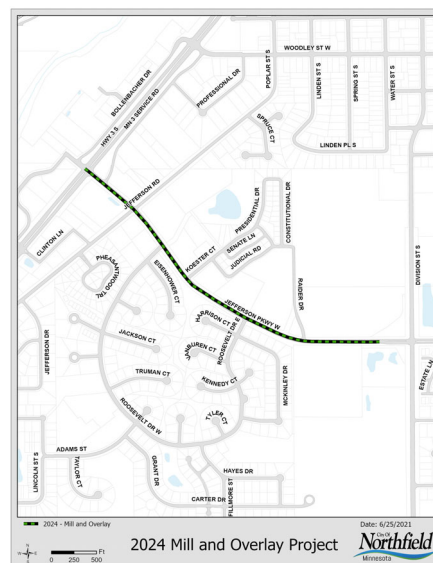
This project also includes pedestrian crossing improvements at Jefferson Parkway and Jefferson Road, Jefferson Parkway and Roosevelt Drive West, Jefferson Parkway and Roosevelt Drive East, and Jefferson Parkway and Raider Drive.

### 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
<b>Total</b>		<b>1,815,488</b>				<b>1,815,488</b>

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
<b>Total</b>		<b>1,815,488</b>				<b>1,815,488</b>





# 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

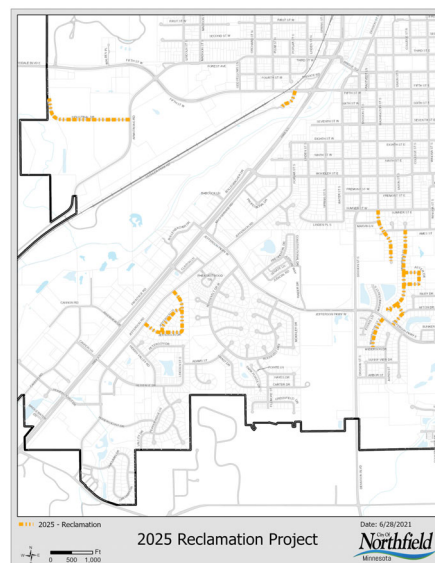
Pavement Reclamation on Industrial Drive and Laurel Court

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
<b>Total</b>			<b>2,115,652</b>			<b>2,115,652</b>

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
<b>Total</b>			<b>2,115,651</b>			<b>2,115,651</b>



# 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.

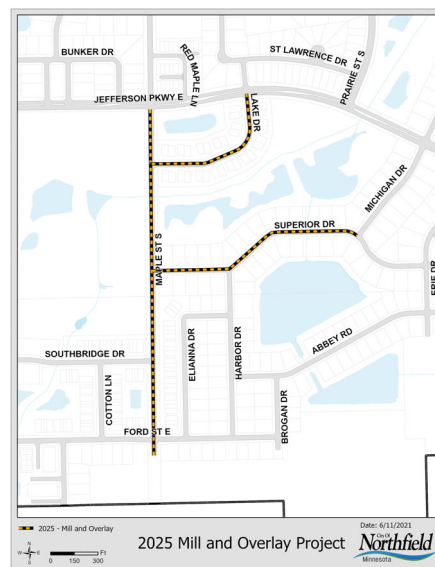
Project includes pedestrian crossing improvements on Superior Drive and Michigan Drive, and Superior Drive and Maple Street.

### 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
<b>Total</b>			<b>759,190</b>			<b>759,190</b>

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
<b>Total</b>			<b>759,190</b>			<b>759,190</b>



# Capital Improvement Plan

## City of Northfield, Minnesota

2023 *thru* 2027

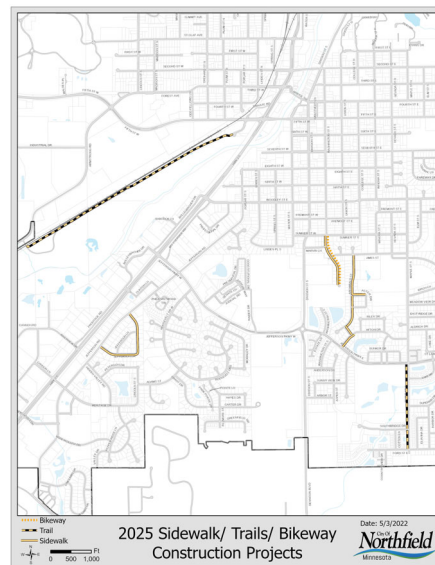
**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 40 years  
**Category** Capital Improvement Plan (CI)  
**Priority** 1 Critical

<b>Project #</b>	<b>E-2025-003</b>
<b>Project Name</b>	<b>2025 Sidewalk/Trail Improvements Project</b>

<b>Description</b>	<b>Total Project Cost: \$1,878,639</b>
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.	
<b>Justification</b>	

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

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



# 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

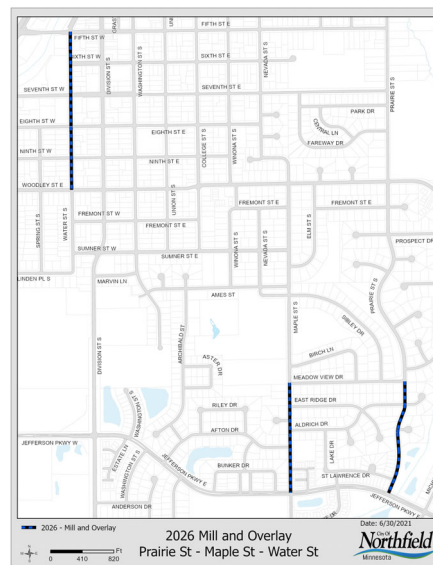
Prairie Street from Meadowview Drive to Jefferson Parkway  
 Maple Street from Meadowview Drive to Jefferson Parkway including pedestrian crossing improvements at Maple Street and Meadowview Drive.  
 Water Street form Fifth Street to Woodley Street - including crossing improvements at Fifth Street, 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
<b>Total</b>				<b>1,121,005</b>		<b>1,121,005</b>

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
<b>Total</b>				<b>1,121,005</b>		<b>1,121,005</b>



# 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.

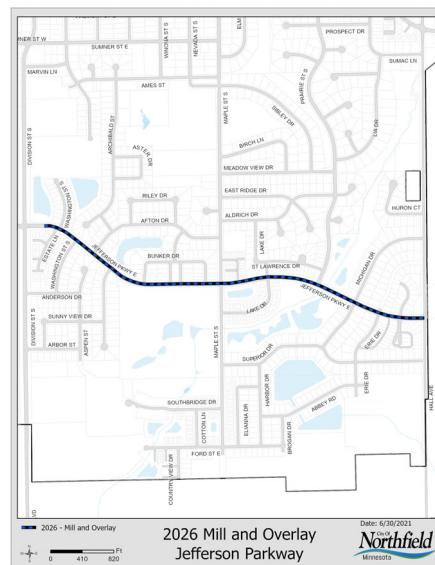
This project will include pedestrian crossing improvements on Jefferson Parkway and Washington Street, Jefferson Parkway and Maple Street, Jefferson Parkway and Prairie Street, and Jefferson Parkway and Michigan Drive.

### 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
<b>Total</b>				<b>864,558</b>		<b>864,558</b>

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
<b>Total</b>				<b>864,557</b>		<b>864,557</b>



# 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

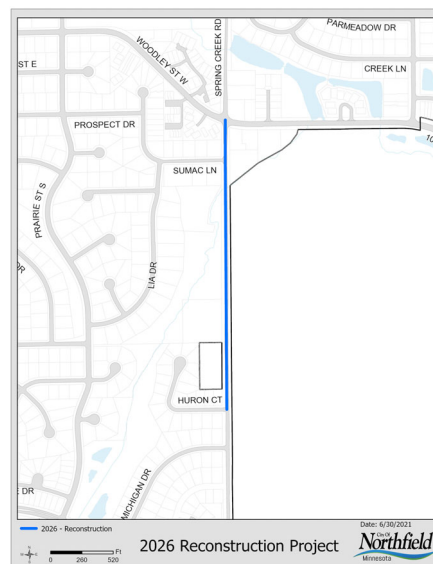
<b>Project #</b>	<b>E-2026-003</b>
<b>Project Name</b>	<b>Spring Creek Road Reconstruction</b>

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

<b>Justification</b>

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

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
<b>Total</b>				<b>2,208,624</b>		<b>2,208,624</b>



# 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

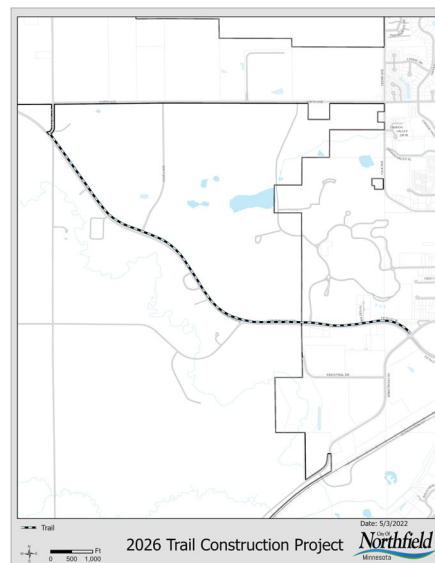
<b>Project #</b>	<b>E-2026-005</b>
<b>Project Name</b>	<b>TH 19 Trail</b>

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

<b>Justification</b>
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
<b>Total</b>				<b>1,500,018</b>		<b>1,500,018</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Other				1,500,018		1,500,018
<b>Total</b>				<b>1,500,018</b>		<b>1,500,018</b>



# 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

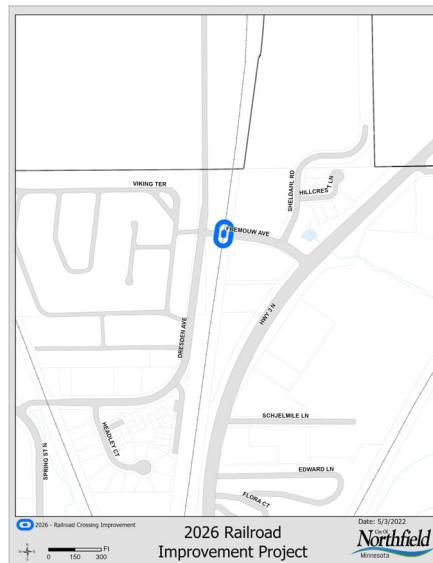
<b>Project #</b>	<b>E-2026-006</b>
<b>Project Name</b>	<b>Fremouw Avenue Railroad Crossing Medians</b>

<b>Description</b>	<b>Total Project Cost: \$290,000</b>
Quiet Zone infrastructure installation	

<b>Justification</b>
Required Quiet Zone infrastructure installations.

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

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





# 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

**Total Project Cost:** \$300,000

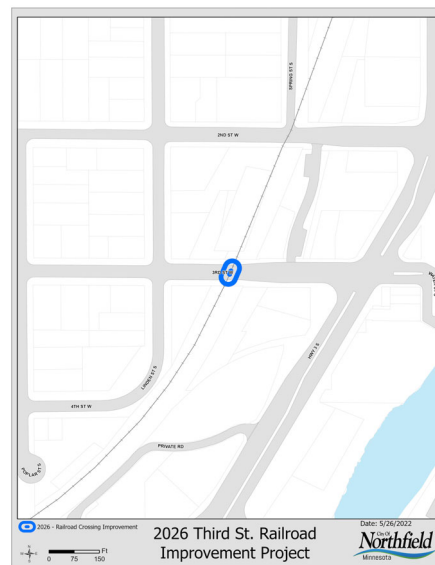
### Description

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
<b>Total</b>				<b>300,000</b>		<b>300,000</b>

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



# 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

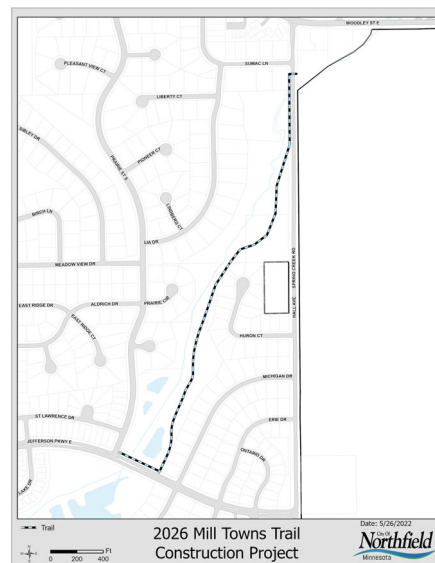
<b>Project #</b>	<b>E-2026-008</b>
<b>Project Name</b>	<b>Mill Towns Trail-Prairie Street to Woodley Street</b>

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

<b>Justification</b>
Strategic Plan Trail Segment

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

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



# 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

<b>Project #</b>	<b>E-2026-009</b>
<b>Project Name</b>	<b>Prairie Street Sidewalk</b>

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

<b>Justification</b>
High Priority Gap

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

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars				129,465		129,465
<b>Total</b>				<b>129,465</b>		<b>129,465</b>

# Capital Improvement Plan

## City of Northfield, Minnesota

2023 *thru* 2027

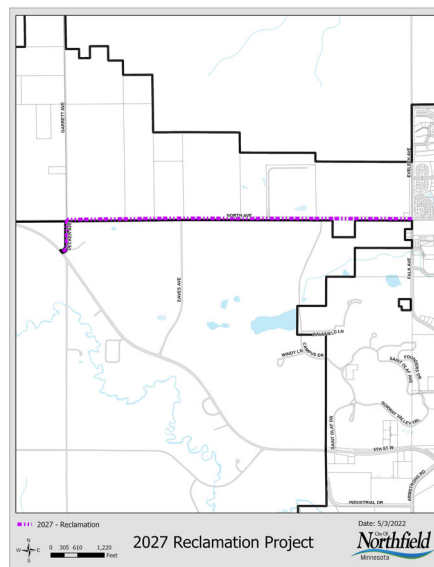
**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 40 years  
**Category** Capital Improvement Plan (CI)  
**Priority** 2 Very Important

<b>Project #</b>	<b>E-2027-001</b>
<b>Project Name</b>	<b>North Avenue and Decker Avenue Reclamation</b>

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

<b>Justification</b>
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
<b>Total</b>					<b>1,226,453</b>	<b>1,226,453</b>



# 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

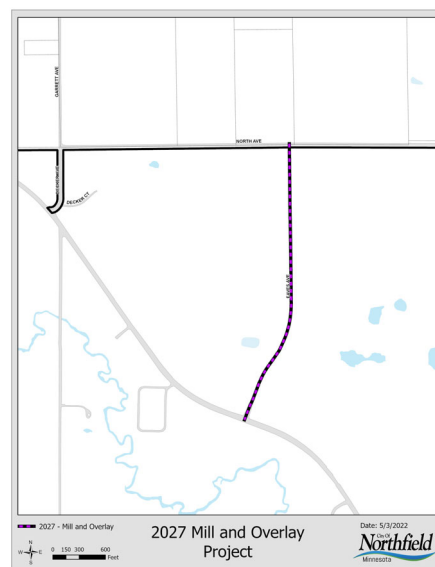
<b>Project #</b>	<b>E-2027-002</b>
<b>Project Name</b>	<b>Eaves Avenue Mill and Overlay</b>

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

<b>Justification</b>
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
<b>Total</b>					<b>430,408</b>	<b>430,408</b>

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
<b>Total</b>					<b>430,408</b>	<b>430,408</b>



# 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

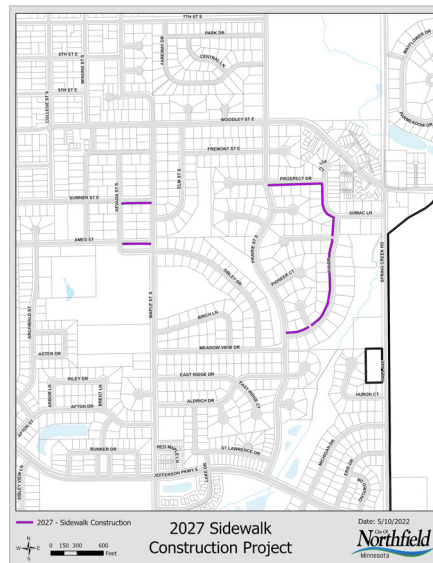
<b>Project #</b>	<b>E-2027-003</b>
<b>Project Name</b>	<b>2027 Sidewalk Gaps Project</b>

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

<b>Justification</b>
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
<b>Total</b>					<b>534,821</b>	<b>534,821</b>

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



# 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

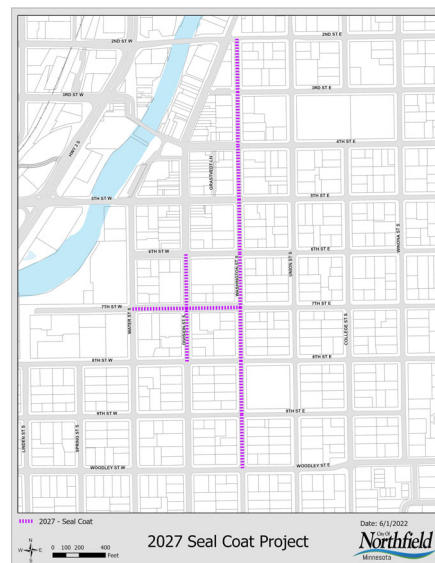
<b>Project #</b>	<b>E-2027-005</b>
<b>Project Name</b>	<b>2027 Seal Coat</b>

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

<b>Justification</b>
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
<b>Total</b>					<b>38,184</b>	<b>38,184</b>

Funding Sources	2023	2024	2025	2026	2027	Total
MSA	38,071					38,071
<b>Total</b>	<b>38,071</b>					<b>38,071</b>



# 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

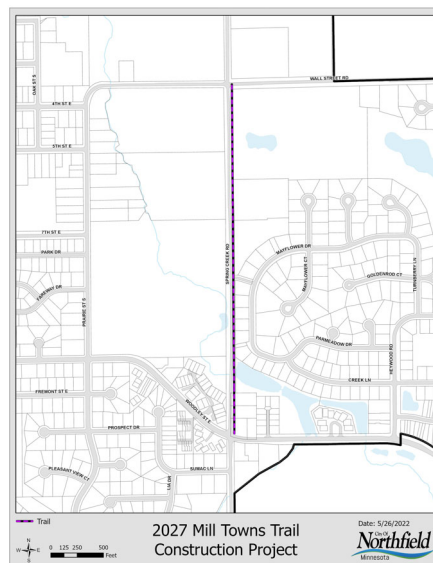
<b>Project #</b>	<b>E-2027-006</b>
<b>Project Name</b>	<b>Mill Towns Trail - Woodley To Wall Street</b>

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

<b>Justification</b>
Strategic Plan Trial Addition

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

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





# 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

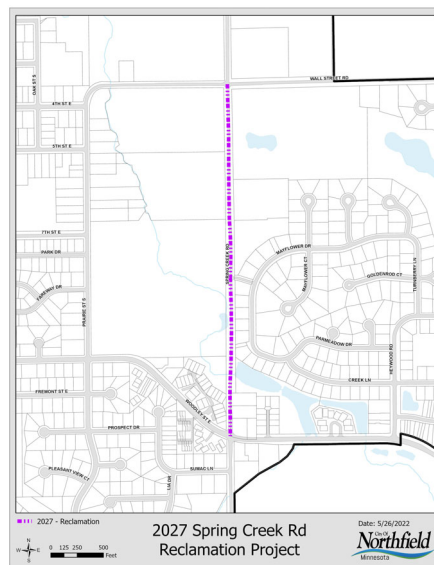
<b>Project #</b>	<b>E-2027-007</b>
<b>Project Name</b>	<b>Spring Creek Road Reclamation</b>

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

<b>Justification</b>
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
<b>Total</b>					<b>536,573</b>	<b>536,573</b>

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
<b>Total</b>					<b>536,573</b>	<b>536,573</b>



# 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

<b>Project #</b>	<b>IT-2023-001</b>
<b>Project Name</b>	<b>VXRail Server Upgrade</b>

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

<b>Justification</b>
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
<b>Total</b>	<b>120,000</b>					<b>120,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
IT	120,000					120,000
<b>Total</b>	<b>120,000</b>					<b>120,000</b>

# 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

<b>Project #</b>	<b>IT-2025-001</b>
<b>Project Name</b>	<b>Phone System Upgrade</b>

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

<b>Justification</b>
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
<b>Total</b>			<b>100,000</b>			<b>100,000</b>

# 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
<b>Total</b>	<b>130,000</b>					<b>130,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund	130,000					130,000
<b>Total</b>	<b>130,000</b>					<b>130,000</b>

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

Total Project Cost: \$75,000

### Description

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
<b>Total</b>			<b>75,000</b>			<b>75,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund			75,000			75,000
<b>Total</b>			<b>75,000</b>			<b>75,000</b>

**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** 2 Very Important

<b>Project #</b>	NCRC 2027-01
<b>Project Name</b>	Boiler replacement

<b>Description</b>	<b>Total Project Cost:</b> \$48,000
replace the current 4 boilers	

<b>Justification</b>
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
<b>Total</b>					<b>48,000</b>	<b>48,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund					48,000	48,000
<b>Total</b>					<b>48,000</b>	<b>48,000</b>



# 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
<b>Total</b>		<b>130,000</b>	<b>130,000</b>			<b>260,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
NCRC Fund		130,000	130,000			260,000
<b>Total</b>		<b>130,000</b>	<b>130,000</b>			<b>260,000</b>

# 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

<b>Project #</b>	<b>P-2022-001</b>
<b>Project Name</b>	<b>Replace Babcock Park Hockey Rink Boards</b>

<b>Description</b>	<b>Total Project Cost: \$125,000</b>
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.	

<b>Justification</b>
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
<b>Total</b>	<b>125,000</b>					<b>125,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Park Fund	125,000					125,000
<b>Total</b>	<b>125,000</b>					<b>125,000</b>



# 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

<b>Project #</b>	<b>P-2022-002</b>
<b>Project Name</b>	<b>Babcock Park Bathroom &amp; Softball Field Improvement</b>

<b>Description</b>	<b>Total Project Cost: \$125,000</b>
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.	

<b>Justification</b>
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
<b>Total</b>	<b>2,500,000</b>					<b>2,500,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars	2,500,000					2,500,000
<b>Total</b>	<b>2,500,000</b>					<b>2,500,000</b>



# 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
<b>Total</b>	<b>180,000</b>					<b>180,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Park Fund	180,000					180,000
<b>Total</b>	<b>180,000</b>					<b>180,000</b>

# 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

**Total Project Cost:** \$295,000

### Description

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
<b>Total</b>	<b>295,000</b>					<b>295,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars	295,000					295,000
<b>Total</b>	<b>295,000</b>					<b>295,000</b>

# 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

**Total Project Cost:** \$5,000,000

### Description

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
<b>Total</b>		<b>5,000,000</b>				<b>5,000,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		5,000,000				5,000,000
<b>Total</b>		<b>5,000,000</b>				<b>5,000,000</b>





# 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

Project # P-2024-002

Project Name West Riverwalk Entry Improvement

Total Project Cost: \$600,000

### Description

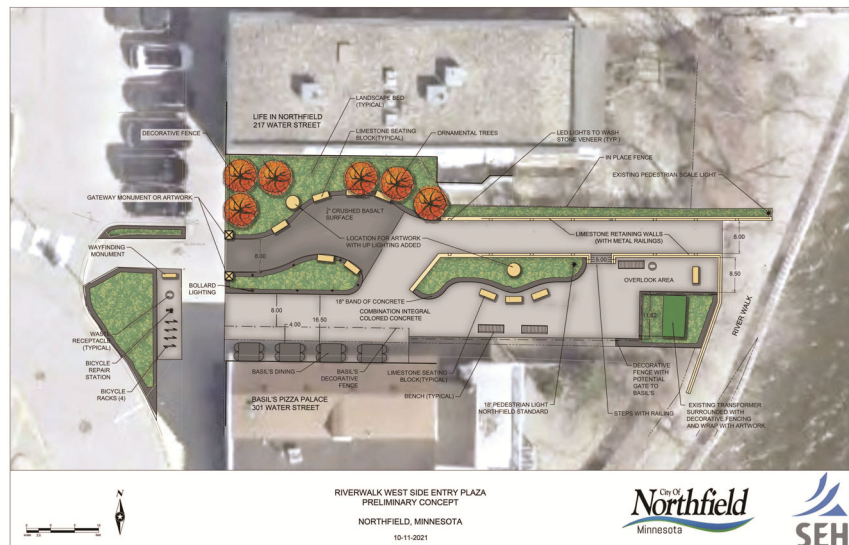
A key gateway feature to draw attention to the Riverwalk  
Improved landscaping/benches;  
Screening of Electrical Boxes;  
Basalt Gravel & Concrete Streetscape that compliments Highway 3 and Third Street.  
A design that allows for Basil's outdoor seating area, including added spacing requirements for 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
<b>Total</b>		<b>600,000</b>				<b>600,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		600,000				600,000
<b>Total</b>		<b>600,000</b>				<b>600,000</b>





# 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
<b>Total</b>		<b>250,000</b>				<b>250,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		250,000				250,000
<b>Total</b>		<b>250,000</b>				<b>250,000</b>



# 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 City's Climate Action Plan and increasing resiliency from climate change.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund		2,000,000				2,000,000
<b>Total</b>		<b>2,000,000</b>				<b>2,000,000</b>

# 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

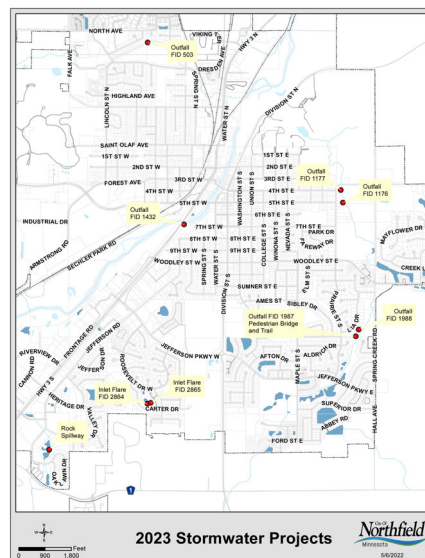
Identified repairs from the Strategic Plan Stormwater Maintenance Plan.

### 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
<b>Total</b>	<b>1,095,553</b>					<b>1,095,553</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund	915,553					915,553
<b>Total</b>	<b>915,553</b>					<b>915,553</b>



# 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

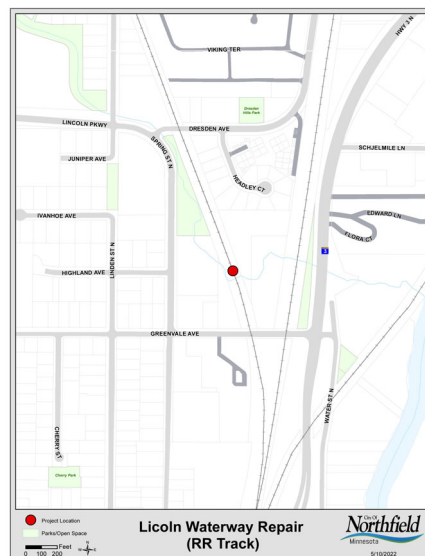
<b>Project #</b>	SW-2023-002
<b>Project Name</b>	Lincoln Waterway Repair (RR Tracks)

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

<b>Justification</b>

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

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund	1,000,000					1,000,000
<b>Total</b>	<b>1,000,000</b>					<b>1,000,000</b>



# 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

<b>Project #</b>	SW-2024-002
<b>Project Name</b>	Neighborhood Flooding Storm Improvements

<b>Description</b>	<b>Total Project Cost:</b> \$1,122,800
304 and 301 Highland Avenue 518 Firest Street Sibley Swale Lincoln Waterway Repair (RR Tracks) Juniper Avenue Repairs	
<b>Justification</b>	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
<b>Total</b>		<b>1,122,800</b>				<b>1,122,800</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Stormwater Fund		1,122,800				1,122,800
<b>Total</b>		<b>1,122,800</b>				<b>1,122,800</b>

# 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

<b>Project #</b>	<b>ST-2024-002</b>
<b>Project Name</b>	<b>Hwy 3 LED Street Light Conversion</b>

<b>Description</b>	<b>Total Project Cost: \$245,000</b>
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.	

<b>Justification</b>
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
<b>Total</b>		<b>245,000</b>				<b>245,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Bonded Dollars		245,000				245,000
<b>Total</b>		<b>245,000</b>				<b>245,000</b>

# 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

<b>Project #</b>	<b>WW-2022-001</b>
<b>Project Name</b>	<b>BAF Blower Replacements</b>

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

<b>Justification</b>
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
<b>Total</b>	<b>2,016,695</b>					<b>2,016,695</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	2,016,695					2,016,695
<b>Total</b>	<b>2,016,695</b>					<b>2,016,695</b>



# 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

<b>Project #</b>	<b>WW-2022-002</b>
<b>Project Name</b>	<b>Biosolids Liquid Storage</b>

<b>Description</b>	<b>Total Project Cost: \$4,029,361</b>
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.	

<b>Justification</b>

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

<b>Funding Sources</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
Waste Water Fund	3,635,868					3,635,868
<b>Total</b>	<b>3,635,868</b>					<b>3,635,868</b>





# 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

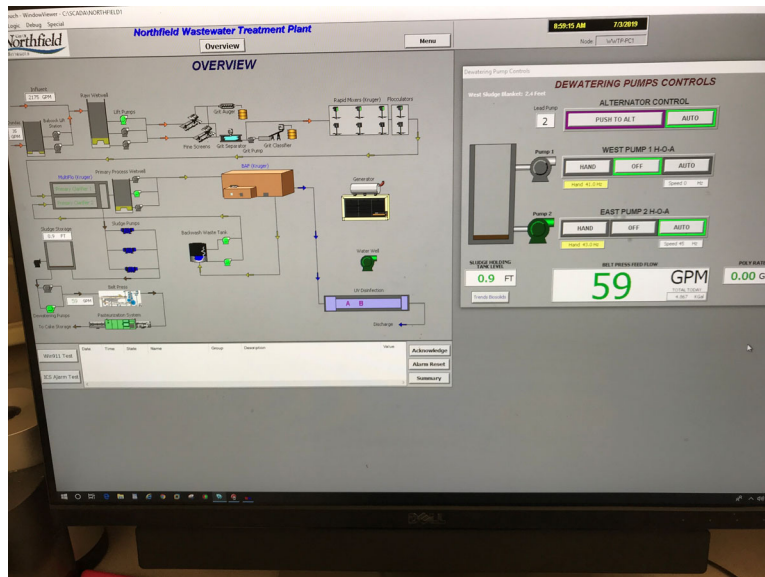
<b>Project #</b>	<b>WW-2022-003</b>
<b>Project Name</b>	<b>Control System and Card Access System Upgrades</b>

<b>Description</b>	<b>Total Project Cost: \$911,735</b>
Replacement of major Supervisory and Control Data Acquisition (SCADA) components at the wastewater treatment plant.	

<b>Justification</b>
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
<b>Total</b>	<b>830,365</b>					<b>830,365</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	830,365					830,365
<b>Total</b>	<b>830,365</b>					<b>830,365</b>



# 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

<b>Project #</b>	<b>WW-2022-004</b>
<b>Project Name</b>	<b>Influent Lift Pumps Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$760,913</b>
Replace influent lift pumps.	

<b>Justification</b>
Identified in 2015 Facility Study.

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

<b>Funding Sources</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
Waste Water Fund	711,988					711,988
<b>Total</b>	<b>711,988</b>					<b>711,988</b>



# 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
<b>Total</b>	<b>205,167</b>					<b>205,167</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	205,167					205,167
<b>Total</b>	<b>205,167</b>					<b>205,167</b>



# 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

<b>Project #</b>	WW-2023-002
<b>Project Name</b>	Rooftop Solar

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

<b>Justification</b>
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
<b>Total</b>	<b>397,838</b>					<b>397,838</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	397,838					397,838
<b>Total</b>	<b>397,838</b>					<b>397,838</b>



# 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

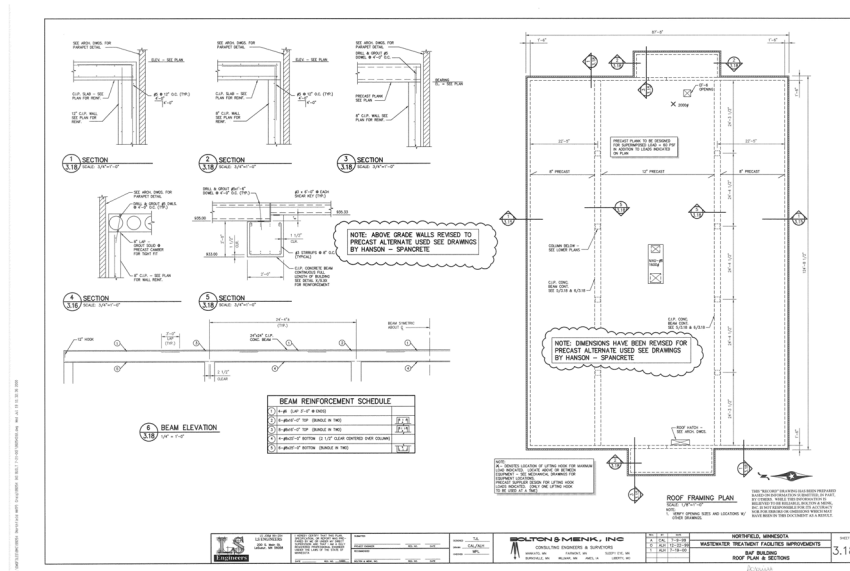
Replacement of the BAF Roof.

### 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
<b>Total</b>	<b>339,488</b>					<b>339,488</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	339,488					339,488
<b>Total</b>	<b>339,488</b>					<b>339,488</b>



# 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

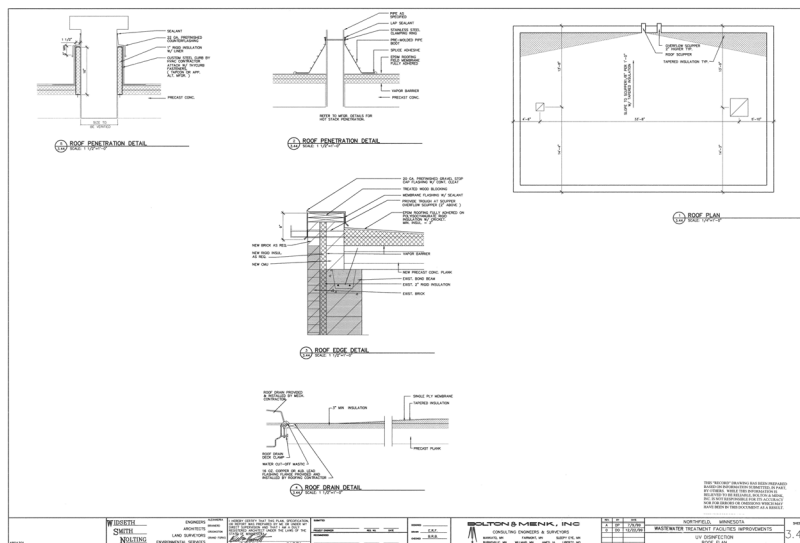
<b>Project #</b>	<b>WW-2023-005</b>
<b>Project Name</b>	<b>UV Disinfection Roof Replacement</b>

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

<b>Justification</b>
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
<b>Total</b>	<b>37,132</b>					<b>37,132</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	37,132					37,132
<b>Total</b>	<b>37,132</b>					<b>37,132</b>





# 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

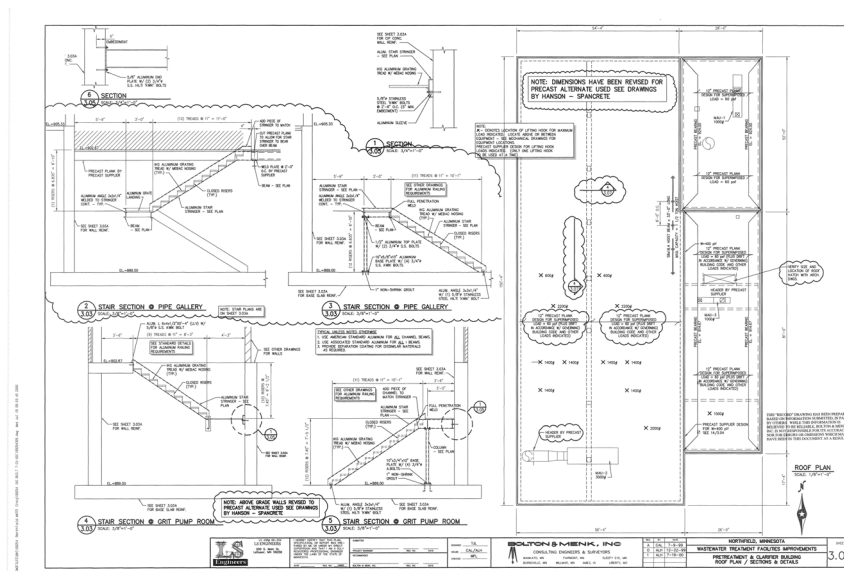
<b>Project #</b>	<b>WW-2023-006</b>
<b>Project Name</b>	<b>Pretreatment Roof Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$371,315</b>
Replacement of the Pretreatment Building Roof.	

<b>Justification</b>
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
<b>Total</b>	<b>371,315</b>					<b>371,315</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	371,315					371,315
<b>Total</b>	<b>371,315</b>					<b>371,315</b>



# 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

<b>Project #</b>	<b>WW-2023-007</b>
<b>Project Name</b>	<b>Primary Clarification</b>

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

<b>Justification</b>
This was identified in the 2021 Facility Study.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	375,559					375,559
<b>Total</b>	<b>375,559</b>					<b>375,559</b>





# 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

<b>Project #</b>	WW-2023-008
<b>Project Name</b>	Operations Building Roof Replacement

<b>Description</b>	<b>Total Project Cost:</b> \$61,532
Replacement of the operations building roof based on the City Council adopted 2016 Facility Study.	

<b>Justification</b>

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

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund	61,532					61,532
<b>Total</b>	<b>61,532</b>					<b>61,532</b>



# 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

<b>Project #</b>	<b>WW-2024-001</b>
<b>Project Name</b>	<b>Sanitary Sewer Lining Project</b>

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

<b>Justification</b>
Root intrusion in the area is requiring lining.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund		500,000				500,000
<b>Total</b>		<b>500,000</b>				<b>500,000</b>



# 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

<b>Project #</b>	WW-2026-001
<b>Project Name</b>	WWTP Generator Replacement

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

<b>Justification</b>
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
<b>Total</b>				<b>695,564</b>		<b>695,564</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund				695,564		695,564
<b>Total</b>				<b>695,564</b>		<b>695,564</b>



# 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

<b>Project #</b>	WW-2026-002
<b>Project Name</b>	Preliminary Treatment

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

<b>Justification</b>
Project was identified in the 2021 Facility Study.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund				347,782		347,782
<b>Total</b>				<b>347,782</b>		<b>347,782</b>



# 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

**Total Project Cost:** \$243,448

### Description

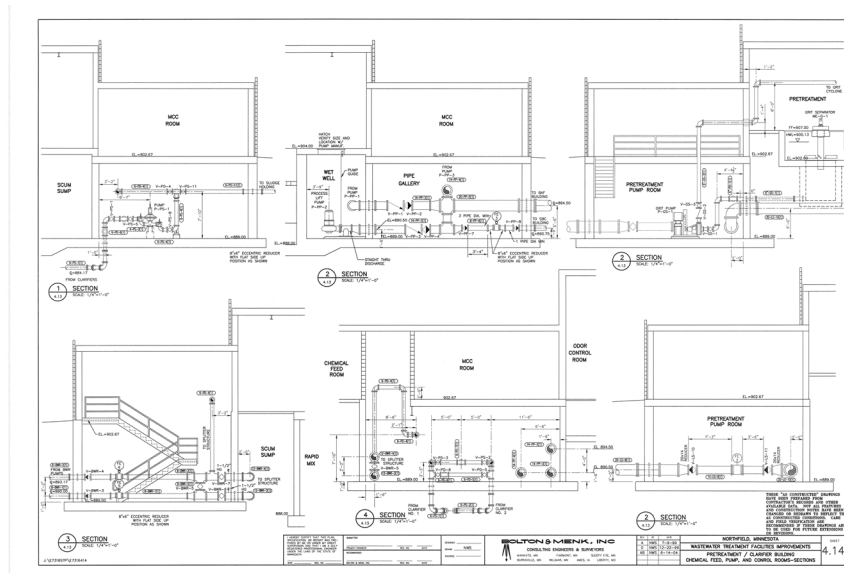
Replacement of 3 process lift pumps and variable frequency drives.

### Justification

Project was identified in 2021 Facility Study.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Waste Water Fund				243,448		243,448
<b>Total</b>				<b>243,448</b>		<b>243,448</b>





# 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

<b>Project #</b>	<b>W-2022-003</b>
<b>Project Name</b>	<b>Drinking Water Treatment Plant</b>

<b>Description</b>	<b>Total Project Cost: \$33,450,000</b>
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.	

<b>Justification</b>
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
<b>Total</b>	<b>32,450,000</b>					<b>32,450,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund	32,450,000					32,450,000
<b>Total</b>	<b>32,450,000</b>					<b>32,450,000</b>



# 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
<b>Total</b>		<b>200,000</b>				<b>200,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		200,000				200,000
<b>Total</b>		<b>200,000</b>				<b>200,000</b>



# 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

<b>Project #</b>	<b>W-2024-002</b>
<b>Project Name</b>	<b>Well No. 04 Generator Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$120,000</b>
Replace the existing generator.	

<b>Justification</b>
This is the end of the generators useful life.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		120,000				120,000
<b>Total</b>		<b>120,000</b>				<b>120,000</b>





# 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
<b>Total</b>		<b>200,000</b>				<b>200,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		200,000				200,000
<b>Total</b>		<b>200,000</b>				<b>200,000</b>



# 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

<b>Project #</b>	<b>W-2024-004</b>
<b>Project Name</b>	<b>Well No. 03 Generator Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$120,000</b>
Replace the existing gernerator.	

<b>Justification</b>
This is the end of the generators useful life.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund		120,000				120,000
<b>Total</b>		<b>120,000</b>				<b>120,000</b>



# 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

<b>Project #</b>	<b>W-2025-002</b>
<b>Project Name</b>	<b>NW Area Water Tower</b>

<b>Description</b>	<b>Total Project Cost: \$5,000,000</b>
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.	

<b>Justification</b>

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

<b>Funding Sources</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Total</b>
Revenue Bond		5,000,000				5,000,000
<b>Total</b>		<b>5,000,000</b>				<b>5,000,000</b>



# 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
<b>Total</b>				<b>1,000,000</b>		<b>1,000,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Water Fund				1,000,000		1,000,000
<b>Total</b>				<b>1,000,000</b>		<b>1,000,000</b>



# 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

<b>Project #</b>	<b>W-2027-001</b>
<b>Project Name</b>	<b>Meter Replacement</b>

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

<b>Justification</b>
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
<b>Total</b>					<b>2,000,000</b>	<b>2,000,000</b>

Funding Sources	2023	2024	2025	2026	2027	Total
Revenue Bond					2,000,000	2,000,000
<b>Total</b>					<b>2,000,000</b>	<b>2,000,000</b>





# 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

<b>Project #</b>	<b>W-2027-002</b>
<b>Project Name</b>	<b>St. Olaf South Ground Storage Tank Painting</b>

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

<b>Justification</b>
This extends the useful life of the tank structure.

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

Funding Sources	2023	2024	2025	2026	2027	Total
Revenue Bond					1,000,000	1,000,000
<b>Total</b>					<b>1,000,000</b>	<b>1,000,000</b>

