

2021-2025  
Capital  
Improvement  
Plan



City of Northfield, Minnesota

Capital Improvement Plan

2021 thru 2025

PROJECTS BY DEPARTMENT

Department	Project #	2021	2022	2023	2024	2025	Total
<b>City Facilities</b>							
City Hall Boiler replacement	F-2021-002					150,000	150,000
Training Room Furniture	F-2021-004		20,000				20,000
Ice Arena Water Heater	F-2021-005	40,000					40,000
Ice Arena Locker Room Make Up Air	F-2021-006				60,000		60,000
Ice Arena Office and lobby furnace	F-2021-007			10,000			10,000
Pool replaster	F-2021-008					200,000	200,000
Replace flushometers in Pool locker rooms	F-2021-009		10,000				10,000
replace chlorniators at pool	F-2021-010	15,000					15,000
Pool pump replacement	F-2021-011					15,000	15,000
Pool Strainer replacement	F-2021-012		10,000				10,000
Street shop HVAC upgrades	F-2021-013	20,000					20,000
<b>City Facilities Total</b>		<b>75,000</b>	<b>40,000</b>	<b>10,000</b>	<b>60,000</b>	<b>365,000</b>	<b>550,000</b>
<b>Engineering Division</b>							
2021 Reclamation & Mill and Overlay Project	E-2021-002	3,713,595					3,713,595
2021 Seal Coat/Crack Fill Project	E-2021-003	130,043					130,043
Fifth Street Bridge Maintenance	E-2021-004	350,000					350,000
Honeylocust Dr Trail Connection to ECRT	E-2021-005	410,000					410,000
NW Area Mill and Overlay	E-2022-001		3,523,818				3,523,818
2022 Seal Coat/Crack Fill Project	E-2022-002		95,454				95,454
Sechler Road Railroad Crossing Improvement	E-2022-003		230,000				230,000
Southwest Area Reclamation	E-2023-001			1,523,329			1,523,329
2023 Mill and Overlay Project	E-2023-002			5,928,921			5,928,921
2024 College & Winona Street Reconstruction	E-2024-001				3,019,822		3,019,822
2024 Water Street South Reconstruction	E-2024-002				1,522,217		1,522,217
Wall Street Road Reconstruction	E-2024-003				3,126,693		3,126,693
2025 Street Reclamation Project	E-2025-001					682,575	682,575
<b>Engineering Division Total</b>		<b>4,603,638</b>	<b>3,849,272</b>	<b>7,452,250</b>	<b>7,668,732</b>	<b>682,575</b>	<b>24,256,467</b>
<b>Information Technology</b>							
Phone System Upgrade	IT-2025-001					50,000	50,000
<b>Information Technology Total</b>						<b>50,000</b>	<b>50,000</b>
<b>NCRC</b>							
New Pool Heaters	NCRC 2021-01		10,000				10,000
RegROUT Swimming Pool	NCRC 2021-02	25,000					25,000
Exterior Painting	NCRC 2024-01				10,000		10,000
<b>NCRC Total</b>		<b>25,000</b>	<b>10,000</b>		<b>10,000</b>		<b>45,000</b>
<b>Park Division</b>							
Riverside Park Playground Replacement	P-2022-001		120,000				120,000
Oddfellows Park Bathroom	ST-2021-005	100,000					100,000

Department	Project #	2021	2022	2023	2024	2025	Total
Riverside Pickle Ball Courts	ST-2021-006	100,000					100,000
<b>Park Division Total</b>		<b>200,000</b>	<b>120,000</b>				<b>320,000</b>
<b>Stormwater Division</b>							
Hills #3, Cannon & Locust Pond Dredging	SW- 2024-001				597,652		597,652
West Riverwall Floodwall Extension	SW-2021-001			2,000,000			2,000,000
Sechler Road Storm Repair	SW-2021-002	25,000					25,000
Prairie Hills #1 and Hidden Valley Pond Dredging	SW-2022-001		789,610				789,610
<b>Stormwater Division Total</b>		<b>25,000</b>	<b>789,610</b>	<b>2,000,000</b>	<b>597,652</b>		<b>3,412,262</b>
<b>Street Division</b>							
SALT STORAGE BUILDING	ST-2021-003	275,000					275,000
COMPOST SITE BUILDING	ST-2021-004	50,000					50,000
<b>Street Division Total</b>		<b>325,000</b>					<b>325,000</b>
<b>Wastewater Division</b>							
BAF Roof Replacement	WW-2022-001		324,500				324,500
MAU-6 Replacement	WW-2022-002		62,172				62,172
Pretreatment Roof Replacement	WW-2022-003		359,900				359,900
BAF Blower Replacements	WW-2022-004		843,975				843,975
Biosolids Liquid Storage	WW-2022-005		1,193,844				1,193,844
BioSolids Cake Storage	WW-2022-006		711,563				711,563
SCADA Upgrade	WW-2022-007		1,622,500				1,622,500
Shop Radiant Heaters	WW-2022-008		20,000				20,000
Operations Building Roof Replacement	WW-2022-009		106,000				106,000
Influent Lift Pumps Replacement	WW-2022-010		1,372,594				1,372,594
MAU-5 Replacement	WW-2022-012		24,345				24,345
UV Disinfection Roof Replacement	WW-2022-013		34,500				34,500
MAU-1 Replacement	WW-2023-002			29,938			29,938
MAU-2 Replacement	WW-2024-001				61,611		61,611
MAU 4 BAF Pipe Gallery Replacement	WW-2025-001					37,539	37,539
Water Reuse System	WW-2025-004					192,088	192,088
WWTP Generator Replacement	WW-2025-005					1,175,000	1,175,000
<b>Wastewater Division Total</b>			<b>6,675,893</b>	<b>29,938</b>	<b>61,611</b>	<b>1,404,627</b>	<b>8,172,069</b>
<b>Water Division</b>							
Spruce Court Watermain Relocation	W-2021-002	150,000					150,000
Land Acquisition for Water Tank in NW Area	W-2022-002		250,000				250,000
Well No. 03 Maintenance	W-2023-001			30,000			30,000
Well No. 03 MCC Replacement	W-2023-002			200,000			200,000
Well No. 03 Generator Replacement	W-2023-003			120,000			120,000
Well No. 04 Maintenance	W-2024-001				30,000		30,000
Well No. 04 Generator Replacement	W-2024-002				120,000		120,000
Well No. 04 MCC Replacement	W-2024-003				200,000		200,000
<b>Water Division Total</b>		<b>150,000</b>	<b>250,000</b>	<b>350,000</b>	<b>350,000</b>		<b>1,100,000</b>
<b>GRAND TOTAL</b>		<b>5,403,638</b>	<b>11,734,775</b>	<b>9,842,188</b>	<b>8,747,995</b>	<b>2,502,202</b>	<b>38,230,798</b>

City of Northfield, Minnesota

Capital Improvement Plan

2021 thru 2025

**PROJECTS BY FUNDING SOURCE**

Source	Project #	2021	2022	2023	2024	2025	Total
<b>Assessments</b>							
2021 Reclamation & Mill and Overlay Project	E-2021-002	958,972					958,972
NW Area Mill and Overlay	E-2022-001		1,225,533				1,225,533
Southwest Area Reclamation	E-2023-001			492,345			492,345
2023 Mill and Overlay Project	E-2023-002			607,655			607,655
2024 College & Winona Street Reconstruction	E-2024-001				433,162		433,162
2024 Water Street South Reconstruction	E-2024-002				218,346		218,346
Wall Street Road Reconstruction	E-2024-003				448,492		448,492
2025 Street Reclamation Project	E-2025-001					646,342	646,342
<b>Assessments Total</b>		<b>958,972</b>	<b>1,225,533</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>646,342</b>	<b>5,030,847</b>
<b>Bonded Dollars</b>							
2021 Reclamation & Mill and Overlay Project	E-2021-002	2,386,939					2,386,939
Fifth Street Bridge Maintenance	E-2021-004	350,000					350,000
Honeylocust Dr Trail Connection to ECRT	E-2021-005	310,000					310,000
NW Area Mill and Overlay	E-2022-001		1,281,672				1,281,672
Southwest Area Reclamation	E-2023-001			945,641			945,641
2023 Mill and Overlay Project	E-2023-002			3,362,853			3,362,853
2024 College & Winona Street Reconstruction	E-2024-001				1,305,194		1,305,194
2024 Water Street South Reconstruction	E-2024-002				657,937		657,937
Wall Street Road Reconstruction	E-2024-003				361,479		361,479
2025 Street Reclamation Project	E-2025-001					0	0
<b>Bonded Dollars Total</b>		<b>3,046,939</b>	<b>1,281,672</b>	<b>4,308,494</b>	<b>2,324,610</b>	<b>0</b>	<b>10,961,715</b>
<b>Capital Reserve Fund</b>							
Sechler Road Railroad Crossing Improvement	E-2022-003		23,000				23,000
City Hall Boiler replacement	F-2021-002					150,000	150,000
Ice Arena Locker Room Make Up Air	F-2021-006				60,000		60,000
Pool replaster	F-2021-008					200,000	200,000
SALT STORAGE BUILDING	ST-2021-003	275,000					275,000
<b>Capital Reserve Fund Total</b>		<b>275,000</b>	<b>23,000</b>		<b>60,000</b>	<b>350,000</b>	<b>708,000</b>
<b>City Facilities Fund</b>							
Training Room Furniture	F-2021-004		20,000				20,000
Ice Arena Water Heater	F-2021-005	40,000					40,000
Ice Arena Office and lobby furnace	F-2021-007			10,000			10,000
Replace flushometers in Pool locker rooms	F-2021-009		10,000				10,000
replace chlorniators at pool	F-2021-010	15,000					15,000
Pool pump replacement	F-2021-011					15,000	15,000
Pool Strainer replacement	F-2021-012		10,000				10,000
Street shop HVAC upgrades	F-2021-013	20,000					20,000

Source	Project #	2021	2022	2023	2024	2025	Total
<b>City Facilities Fund Total</b>		75,000	40,000	10,000		15,000	140,000
<b>Garbage Fund</b>							
COMPOST SITE BUILDING	ST-2021-004	50,000					50,000
<b>Garbage Fund Total</b>		50,000					50,000
<b>MSA</b>							
2021 Seal Coat/Crack Fill Project	E-2021-003	130,043					130,043
NW Area Mill and Overlay	E-2022-001		0				0
2022 Seal Coat/Crack Fill Project	E-2022-002		95,454				95,454
2023 Mill and Overlay Project	E-2023-002			1,406,000			1,406,000
<b>MSA Total</b>		130,043	95,454	1,406,000			1,631,497
<b>NRCR Fund</b>							
New Pool Heaters	NCRC 2021-01		10,000				10,000
RegROUT Swimming Pool	NCRC 2021-02	25,000					25,000
Exterior Painting	NCRC 2024-01				10,000		10,000
<b>NRCR Fund Total</b>		25,000	10,000		10,000		45,000
<b>Other</b>							
Sechler Road Railroad Crossing Improvement	E-2022-003		207,000				207,000
<b>Other Total</b>			207,000				207,000
<b>Park Fund</b>							
Riverside Park Playground Replacement	P-2022-001		120,000				120,000
Oddfellows Park Bathroom	ST-2021-005	100,000					100,000
Riverside Pickle Ball Courts	ST-2021-006	100,000					100,000
<b>Park Fund Total</b>		200,000	120,000				320,000
<b>Rice County</b>							
NW Area Mill and Overlay	E-2022-001		280,254				280,254
Wall Street Road Reconstruction	E-2024-003				989,963		989,963
<b>Rice County Total</b>			280,254		989,963		1,270,217
<b>Stormwater Fund</b>							
2021 Reclamation & Mill and Overlay Project	E-2021-002	157,064					157,064
Honeylocust Dr Trail Connection to ECRT	E-2021-005	100,000					100,000
NW Area Mill and Overlay	E-2022-001		201,495				201,495
Southwest Area Reclamation	E-2023-001			39,258			39,258
2023 Mill and Overlay Project	E-2023-002			460,589			460,589
2024 College & Winona Street Reconstruction	E-2024-001				338,224		338,224
2024 Water Street South Reconstruction	E-2024-002				170,485		170,485
Wall Street Road Reconstruction	E-2024-003				350,178		350,178
2025 Street Reclamation Project	E-2025-001					16,667	16,667
Hills #3, Cannon & Locust Pond Dredging	SW- 2024-001				597,652		597,652

Source	Project #	2021	2022	2023	2024	2025	Total
West Riverwall Floodwall Extension	SW-2021-001			2,000,000			2,000,000
Sechler Road Storm Repair	SW-2021-002	25,000					25,000
Prairie Hills #1 and Hidden Valley Pond Dredging	SW-2022-001		789,610				789,610
<b>Stormwater Fund Total</b>		<b>282,064</b>	<b>991,105</b>	<b>2,499,847</b>	<b>1,456,539</b>	<b>16,667</b>	<b>5,246,222</b>

### Waste Water Fund

2021 Reclamation & Mill and Overlay Project	E-2021-002	118,863					118,863
NW Area Mill and Overlay	E-2022-001		406,962				406,962
Southwest Area Reclamation	E-2023-001			37,551			37,551
2023 Mill and Overlay Project	E-2023-002			62,827			62,827
2024 College & Winona Street Reconstruction	E-2024-001				317,410		317,410
2024 Water Street South Reconstruction	E-2024-002				159,993		159,993
Wall Street Road Reconstruction	E-2024-003				328,629		328,629
2025 Street Reclamation Project	E-2025-001					15,943	15,943
BAF Roof Replacement	WW-2022-001		324,500				324,500
MAU-6 Replacement	WW-2022-002		62,172				62,172
Pretreatment Roof Replacement	WW-2022-003		359,900				359,900
BAF Blower Replacements	WW-2022-004		843,975				843,975
Biosolids Liquid Storage	WW-2022-005		1,193,844				1,193,844
BioSolids Cake Storage	WW-2022-006		711,563				711,563
SCADA Upgrade	WW-2022-007		1,622,500				1,622,500
Shop Radiant Heaters	WW-2022-008		20,000				20,000
Operations Building Roof Replacement	WW-2022-009		106,000				106,000
Influent Lift Pumps Replacement	WW-2022-010		1,372,594				1,372,594
MAU-5 Replacement	WW-2022-012		24,345				24,345
UV Disinfection Roof Replacement	WW-2022-013		34,500				34,500
MAU-1 Replacement	WW-2023-002			29,938			29,938
MAU-2 Replacement	WW-2024-001				61,611		61,611
MAU 4 BAF Pipe Gallery Replacement	WW-2025-001					37,539	37,539
Water Reuse System	WW-2025-004					192,088	192,088
WWTP Generator Replacement	WW-2025-005					1,175,000	1,175,000
<b>Waste Water Fund Total</b>		<b>118,863</b>	<b>7,082,855</b>	<b>130,316</b>	<b>867,643</b>	<b>1,420,570</b>	<b>9,620,247</b>

### Water Fund

2021 Reclamation & Mill and Overlay Project	E-2021-002	91,757					91,757
NW Area Mill and Overlay	E-2022-001		127,902				127,902
Southwest Area Reclamation	E-2023-001			8,534			8,534
2023 Mill and Overlay Project	E-2023-002			28,997			28,997
2024 College & Winona Street Reconstruction	E-2024-001				625,832		625,832
2024 Water Street South Reconstruction	E-2024-002				315,456		315,456
Wall Street Road Reconstruction	E-2024-003				647,952		647,952
2025 Street Reclamation Project	E-2025-001					3,623	3,623
Spruce Court Watermain Relocation	W-2021-002	150,000					150,000
Land Acquisition for Water Tank in NW Area	W-2022-002		250,000				250,000
Well No. 03 Maintenance	W-2023-001			30,000			30,000
Well No. 03 MCC Replacement	W-2023-002			200,000			200,000
Well No. 03 Generator Replacement	W-2023-003			120,000			120,000
Well No. 04 Maintenance	W-2024-001				30,000		30,000
Well No. 04 Generator Replacement	W-2024-002				120,000		120,000
Well No. 04 MCC Replacement	W-2024-003				200,000		200,000
<b>Water Fund Total</b>		<b>241,757</b>	<b>377,902</b>	<b>387,531</b>	<b>1,939,240</b>	<b>3,623</b>	<b>2,950,053</b>

<b>Source</b>	<b>Project #</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
	<b>GRAND TOTAL</b>	5,403,638	11,734,775	9,842,188	8,747,995	2,452,202	38,180,798

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Improvement

**Useful Life** 20 years

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-002</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	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance					150,000	150,000
<b>Total</b>					150,000	150,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Capital Reserve Fund					150,000	150,000
<b>Total</b>					150,000	150,000



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life** 10 years

**Category** Capital Improvement Plan (CI

<b>Project #</b>	<b>F-2021-004</b>
<b>Project Name</b>	<b>Training Room Furniture</b>

<b>Description</b>	<b>Total Project Cost: \$20,000</b>
Repalce the tables and chairs in the City Hall training room	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings		20,000				20,000
<b>Total</b>		20,000				20,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
City Facilities Fund		20,000				20,000
<b>Total</b>		20,000				20,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-005</b>
<b>Project Name</b>	<b>Ice Arena Water Heater</b>

<b>Description</b>	<b>Total Project Cost: \$40,000</b>
Replace the current water heating system for the ice making water.	

<b>Justification</b>
The current system is beyond its useful lifecycle and repairs are becoming more frequent

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings	40,000					40,000
<b>Total</b>	<b>40,000</b>					<b>40,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
City Facilities Fund	40,000					40,000
<b>Total</b>	<b>40,000</b>					<b>40,000</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-006</b>
<b>Project Name</b>	<b>Ice Arena Locker Room Make Up Air</b>

<b>Description</b>	<b>Total Project Cost: \$60,000</b>
Replace the furnace for the locker rooms with a make up air unit	

<b>Justification</b>
The current system does not bring in adequate fresh air and is inefficient at keeping the space comfortable.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings				60,000		60,000
<b>Total</b>				60,000		60,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Capital Reserve Fund				60,000		60,000
<b>Total</b>				60,000		60,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-007</b>
<b>Project Name</b>	<b>Ice Arena Office and lobby furnace</b>

<b>Description</b>	<b>Total Project Cost: \$10,000</b>
Replace the furnace that services the lobby, office and bathrooms at the ice arena	

<b>Justification</b>
The current unit is beyond its current useful life and repairs are becoming frequent.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings			10,000			10,000
<b>Total</b>			10,000			10,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
City Facilities Fund			10,000			10,000
<b>Total</b>			10,000			10,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Maintenance

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-008</b>
<b>Project Name</b>	<b>Pool replaster</b>

<b>Description</b>	<b>Total Project Cost: \$200,000</b>
Replaster the Main pool and tot pool.	

<b>Justification</b>
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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance					200,000	200,000
<b>Total</b>					200,000	200,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Capital Reserve Fund					200,000	200,000
<b>Total</b>					200,000	200,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-009</b>
<b>Project Name</b>	<b>Replace flushometers in Pool locker rooms</b>

<b>Description</b>	<b>Total Project Cost: \$10,000</b>
Replace automatic flush valves at the pool	

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings		10,000				10,000
<b>Total</b>		10,000				10,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
City Facilities Fund		10,000				10,000
<b>Total</b>		10,000				10,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-010</b>
<b>Project Name</b>	<b>replace chlorniators at pool</b>

<b>Description</b>	<b>Total Project Cost: \$15,000</b>
Replace the chlorniators at the pool	

<b>Justification</b>
The chlorniators are original to the pool and original parts are difficult to find. Modern chlorniators are more effective and efficient at keeping the pool chemistry at a safe level for swimmers.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings	15,000					15,000
<b>Total</b>	<b>15,000</b>					<b>15,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
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**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-011</b>
<b>Project Name</b>	<b>Pool pump replacement</b>

<b>Description</b>	<b>Total Project Cost: \$15,000</b>
Replace the main pump for the large pool	

<b>Justification</b>
The main pump is original and is approaching the end of its useful lifecycle.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings					15,000	15,000
<b>Total</b>					15,000	15,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
City Facilities Fund					15,000	15,000
<b>Total</b>					15,000	15,000



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-012</b>
<b>Project Name</b>	<b>Pool Strainer replacement</b>

<b>Description</b>	<b>Total Project Cost: \$10,000</b>
Replace the main strainer for the pool.	

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings		10,000				10,000
<b>Total</b>		10,000				10,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
City Facilities Fund		10,000				10,000
<b>Total</b>		10,000				10,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** City Facilities

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>F-2021-013</b>
<b>Project Name</b>	<b>Street shop HVAC upgrades</b>

<b>Description</b>	<b>Total Project Cost: \$20,000</b>
Replace CO and NO2 sensors and tie them into the make up air units.	

<b>Justification</b>
The current sensors do not tie into the make up air units and do not turn them on automatically when the air in the shop has excess levels of CO or NO2.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings	20,000					20,000
<b>Total</b>	<b>20,000</b>					<b>20,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
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**

2021 *thru* 2025

**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Road  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

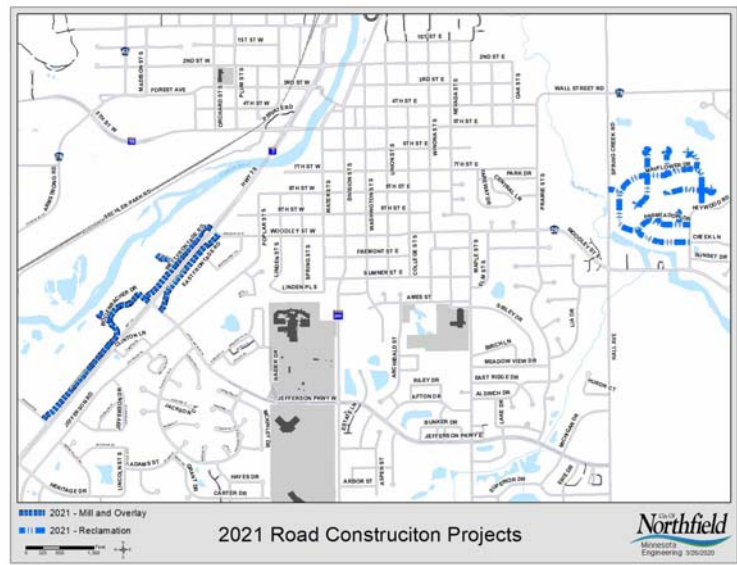
<b>Project #</b>	<b>E-2021-002</b>
<b>Project Name</b>	<b>2021 Reclamation &amp; Mill and Overlay Project</b>

<b>Description</b>	<b>Total Project Cost: \$3,713,595</b>
Mayflower Hill Area Reclamation pavement rehabilitation	

<b>Justification</b>
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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	3,713,595					3,713,595
<b>Total</b>	<b>3,713,595</b>					<b>3,713,595</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments	958,972					958,972
Bonded Dollars	2,386,939					2,386,939
Stormwater Fund	157,064					157,064
Waste Water Fund	118,863					118,863
Water Fund	91,757					91,757
<b>Total</b>	<b>3,713,595</b>					<b>3,713,595</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

**Project #** E-2021-003  
**Project Name** 2021 Seal Coat/Crack Fill Project

**Description** **Total Project Cost: \$130,043**

**Justification**

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	130,043					130,043
<b>Total</b>	<b>130,043</b>					<b>130,043</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
MSA	130,043					130,043
<b>Total</b>	<b>130,043</b>					<b>130,043</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division

**Contact**

**Type** Maintenance

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>E-2021-004</b>
<b>Project Name</b>	<b>Fifth Street Bridge Maintenance</b>

<b>Description</b>	<b>Total Project Cost: \$350,000</b>
This project is for maintenance on the Fifth Street Bridge. There are some lateral support beams that need maintenance work.	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	350,000					350,000
<b>Total</b>	<b>350,000</b>					<b>350,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Bonded Dollars	350,000					350,000
<b>Total</b>	<b>350,000</b>					<b>350,000</b>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division

**Contact**

**Type** New Infrastructure

**Useful Life** 20 years

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>E-2021-005</b>
<b>Project Name</b>	<b>Honeylocust Dr Trail Connection to ECRT</b>

<b>Description</b>	<b>Total Project Cost: \$410,000</b>
This project make a trail connection to the East Cannon River Trail. This connection is on the City's planned walking and biking network, and will provide a connection to the south commercial district in Northfield	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	410,000					410,000
<b>Total</b>	<b>410,000</b>					<b>410,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Bonded Dollars	310,000					310,000
Stormwater Fund	100,000					100,000
<b>Total</b>	<b>410,000</b>					<b>410,000</b>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>E-2022-001</b>
<b>Project Name</b>	<b>NW Area Mill and Overlay</b>

<b>Description</b>	<b>Total Project Cost: \$3,523,818</b>
<p>1-1/2" Pavement Mill and Overlay on First Street from Union Street to Maple Street, Second Street from College Street to Oak Street, Third Street from Washington Street to Oak Street, Fourth Street from Nevada Street to Prairie Street, College Street from First Street to Third Street, Winona Street from First Street to Fourth Street, Nevada Street from First Street to Fourth Street, Maple Street from Second Street to Fourth Street, Elm Street from Second Street to Fifth Street, Oak Street from Second Street to Fourth Street, Jefferson Road from Hidden Valley Road to Heritage Drive, Heritage Drive from TH #3 to Hidden Valley Apts, Seventh Street from Water Street to the west dead end, and Eighth Street from Water Street to Linden Street</p>	

<b>Justification</b>
<p>These road segments have been identified by Public Works personnel as a likely candidate for a 1-1/2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.</p>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		3,523,818				3,523,818
<b>Total</b>		<u>3,523,818</u>				<u>3,523,818</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments		1,225,533				1,225,533
Bonded Dollars		1,281,672				1,281,672
MSA		0				0
Rice County		280,254				280,254
Stormwater Fund		201,495				201,495
Waste Water Fund		406,962				406,962
Water Fund		127,902				127,902
<b>Total</b>		<u>3,523,818</u>				<u>3,523,818</u>





**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

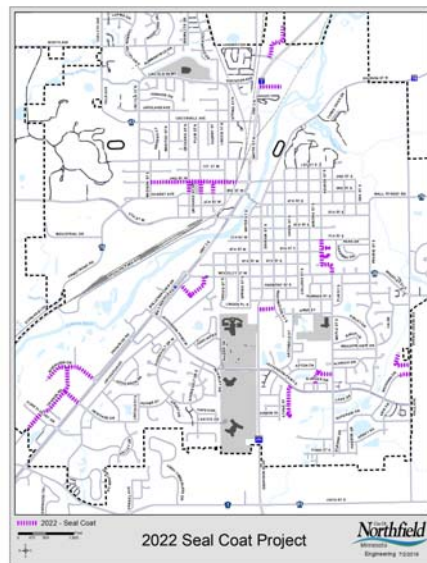
**Project #** E-2022-002  
**Project Name** 2022 Seal Coat/Crack Fill Project

**Description** **Total Project Cost:** \$95,454

**Justification**

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		95,454				95,454
<b>Total</b>		95,454				95,454

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
MSA		95,454				95,454
<b>Total</b>		95,454				95,454



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division

**Contact**

**Type** New Infrastructure

**Useful Life**

**Category** Unassigned

<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: \$230,000</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>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		230,000				230,000
<b>Total</b>		230,000				230,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Capital Reserve Fund		23,000				23,000
Other		207,000				207,000
<b>Total</b>		230,000				230,000

# Capital Improvement Plan

## City of Northfield, Minnesota

2021 *thru* 2025

**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Road  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

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

<b>Description</b>	<b>Total Project Cost: \$1,523,329</b>
Heritage Drive, Hidden Valley Road, Peterson Drive, Lincoln Street, Adams Street, Taylor Court, Thomas Court, Tyler Court, Adams Court	

<b>Justification</b>
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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance			1,523,329			1,523,329
<b>Total</b>			<b>1,523,329</b>			<b>1,523,329</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments			492,345			492,345
Bonded Dollars			945,641			945,641
Stormwater Fund			39,258			39,258
Waste Water Fund			37,551			37,551
Water Fund			8,534			8,534
<b>Total</b>			<b>1,523,329</b>			<b>1,523,329</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Unassigned  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

<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: \$5,928,921</b>
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.	

<b>Justification</b>
These road segments have been identified by Public Works personnel as a likely candidate for a 1-1/2" mill and overlay based on the current pavement condition and the current condition of the existing utilities.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance			5,928,921			5,928,921
<b>Total</b>			<b>5,928,921</b>			<b>5,928,921</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments			607,655			607,655
Bonded Dollars			3,362,853			3,362,853
MSA			1,406,000			1,406,000
Stormwater Fund			460,589			460,589
Waste Water Fund			62,827			62,827
Water Fund			28,997			28,997
<b>Total</b>			<b>5,928,921</b>			<b>5,928,921</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

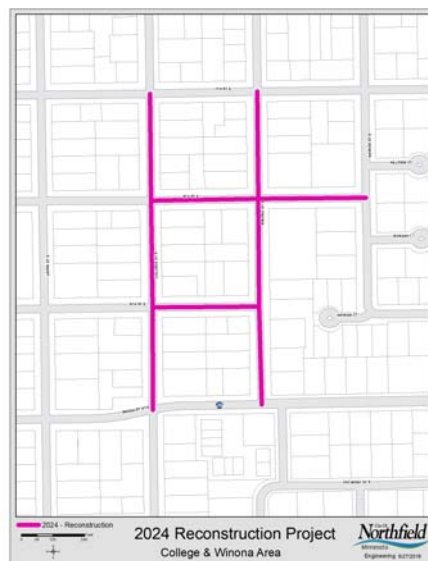
<b>Project #</b>	<b>E-2024-001</b>
<b>Project Name</b>	<b>2024 College &amp; Winona Street Reconstruction</b>

<b>Description</b>	<b>Total Project Cost: \$3,019,822</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.	

<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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				3,019,822		3,019,822
<b>Total</b>				<b>3,019,822</b>		<b>3,019,822</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments				433,162		433,162
Bonded Dollars				1,305,194		1,305,194
Stormwater Fund				338,224		338,224
Waste Water Fund				317,410		317,410
Water Fund				625,832		625,832
<b>Total</b>				<b>3,019,822</b>		<b>3,019,822</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Road  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

<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: \$1,522,217</b>
Water Street South Reconstruction - complete street reconstruction due to aging infrastructure.	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				1,522,217		1,522,217
<b>Total</b>				<b>1,522,217</b>		<b>1,522,217</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments				218,346		218,346
Bonded Dollars				657,937		657,937
Stormwater Fund				170,485		170,485
Waste Water Fund				159,993		159,993
Water Fund				315,456		315,456
<b>Total</b>				<b>1,522,217</b>		<b>1,522,217</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division  
**Contact** Public Works Director  
**Type** Road  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

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

**Description** **Total Project Cost: \$3,126,693**  
 Reconstruction of Wall Street Road from Prairie Street to Spring Creek Road, including pedestrian upgrades in cooperation with Rice County.

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				3,126,693		3,126,693
<b>Total</b>				<b>3,126,693</b>		<b>3,126,693</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments				448,492		448,492
Bonded Dollars				361,479		361,479
Rice County				989,963		989,963
Stormwater Fund				350,178		350,178
Waste Water Fund				328,629		328,629
Water Fund				647,952		647,952
<b>Total</b>				<b>3,126,693</b>		<b>3,126,693</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Engineering Division

**Contact**

**Type** Unassigned

**Useful Life**

**Category** Unassigned

<b>Project #</b>	<b>E-2025-001</b>
<b>Project Name</b>	<b>2025 Street Reclamation Project</b>

<b>Description</b>	<b>Total Project Cost: \$682,575</b>
Pavement Reclamation on Industrial Drive and Laurel Court	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance					682,575	682,575
<b>Total</b>					<u>682,575</u>	<u>682,575</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Assessments					646,342	646,342
Bonded Dollars					0	0
Stormwater Fund					16,667	16,667
Waste Water Fund					15,943	15,943
Water Fund					3,623	3,623
<b>Total</b>					<u>682,575</u>	<u>682,575</u>





**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Information Technology

**Contact** IT Manager

**Type** Equipment

**Useful Life** 10 years

**Category** IT Projects/Equipment

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

<b>Description</b>	<b>Total Project Cost: \$50,000</b>

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings					50,000	50,000
<b>Total</b>					50,000	50,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** NCRC  
**Contact** Public Works Director  
**Type** Unassigned  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	NCRC 2021-01
<b>Project Name</b>	New Pool Heaters

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

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings		10,000				10,000
<b>Total</b>		10,000				10,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
NRCR Fund		10,000				10,000
<b>Total</b>		10,000				10,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** NCRC

**Contact**

**Type** Facility

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>NCRC 2021-02</b>
<b>Project Name</b>	<b>RegROUT Swimming Pool</b>

<b>Description</b>	<b>Total Project Cost: \$25,000</b>
This work is for regROUTing the swimming pool at FiftyNorth. FiftyNorth will pay 50% of the costs and the City will pay 50%. The City share will come from the NCRC fund.	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	25,000					25,000
<b>Total</b>	<b>25,000</b>					<b>25,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
NRCR Fund	25,000					25,000
<b>Total</b>	<b>25,000</b>					<b>25,000</b>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** NCRC

**Contact**

**Type** Unassigned

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	NCRC 2024-01
<b>Project Name</b>	Exterior Painting

<b>Description</b>	<b>Total Project Cost: \$10,000</b>
Exterior Building Painting	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				10,000		10,000
<b>Total</b>				10,000		10,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
NRCR Fund				10,000		10,000
<b>Total</b>				10,000		10,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Park Division

**Contact**

**Type** Equipment

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>P-2022-001</b>
<b>Project Name</b>	<b>Riverside Park Playground Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$120,000</b>
Riverside park has the oldest playgournd equipment in the City. The equipment was installed in 1996.	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		120,000				120,000
<b>Total</b>		120,000				120,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Park Fund		120,000				120,000
<b>Total</b>		120,000				120,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Park Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

**Project #** ST-2021-005  
**Project Name** Oddfellows Park Bathroom

**Description** **Total Project Cost: \$100,000**  
 Upgrade the bathroom facility to make ADA compliant. Remove deteriorated stucco, doors, windows and roofing. Install new siding, shingles, brick, windows, doors and replace concrete around building.

**Justification**  
 The building is beyond just trying to maintain and the bathrooms are not ADA compliant.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	100,000					100,000
<b>Total</b>	<b>100,000</b>					<b>100,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Park Fund	100,000					100,000
<b>Total</b>	<b>100,000</b>					<b>100,000</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Park Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

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

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

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	100,000					100,000
<b>Total</b>	<b>100,000</b>					<b>100,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Park Fund	100,000					100,000
<b>Total</b>	<b>100,000</b>					<b>100,000</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Stormwater Division

**Contact**

**Type** Maintenance

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>SW- 2024-001</b>
<b>Project Name</b>	<b>Hills #3, Cannon &amp; Locust Pond Dredging</b>

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

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				597,652		597,652
<b>Total</b>				597,652		597,652

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Stormwater Fund				597,652		597,652
<b>Total</b>				597,652		597,652





**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Stormwater Division

**Contact**

**Type** Unassigned

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>SW-2021-001</b>
<b>Project Name</b>	<b>West Riverwall Floodwall Extension</b>

<b>Description</b>	<b>Total Project Cost: \$2,000,000</b>

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance			2,000,000			2,000,000
<b>Total</b>			2,000,000			2,000,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Stormwater Fund			2,000,000			2,000,000
<b>Total</b>			2,000,000			2,000,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Stormwater Division

**Contact**

**Type** Maintenance

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	SW-2021-002
<b>Project Name</b>	Sechler Road Storm Repair

<b>Description</b>	<b>Total Project Cost: \$25,000</b>
An storm sewer pipe on Sechler Park Road need to be repaired as the roadway is beginning to settle.	

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	25,000					25,000
<b>Total</b>	25,000					25,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Stormwater Fund	25,000					25,000
<b>Total</b>	25,000					25,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Stormwater Division

**Contact**

**Type** Maintenance

**Useful Life**

**Category** Capital Improvement Plan (CI)

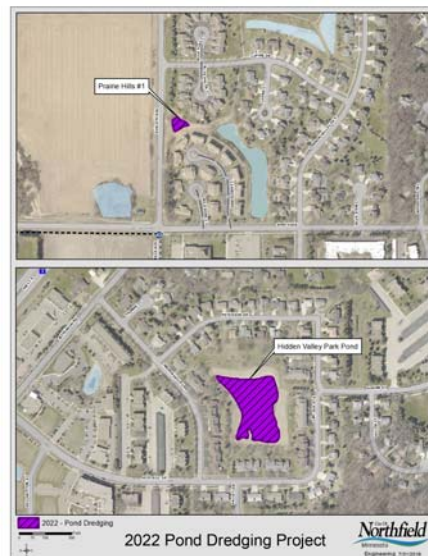
<b>Project #</b>	<b>SW-2022-001</b>
<b>Project Name</b>	<b>Prairie Hills #1 and Hidden Valley Pond Dredging</b>

<b>Description</b>	<b>Total Project Cost: \$789,610</b>
Pond dredging of Prairie Hills Pond #1 and Hidden Valley Park Pond	

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		789,610				789,610
<b>Total</b>		<b>789,610</b>				<b>789,610</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Stormwater Fund		789,610				789,610
<b>Total</b>		<b>789,610</b>				<b>789,610</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Street Division  
**Contact** Public Works Director  
**Type** Facility  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>ST-2021-003</b>
<b>Project Name</b>	<b>SALT STORAGE BUILDING</b>

<b>Description</b>	<b>Total Project Cost: \$275,000</b>
Build a 65' X 80' Salt Storage Building. This would replace the existing salt storage building.	

<b>Justification</b>
The existing salt storage building does not have the capacity. Unable to mix salt with beet juice and load dump trucks under a covered structure. It is recommended by MPCA that loading and mixing of salt should be under a covered structure. The existing salt shed can be converted into vehicle and equipment storage since we are short on inside storage. Equipment can be stored in the new salt storage building between the months of April and October when not being used to store salt.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	275,000					275,000
<b>Total</b>	<b>275,000</b>					<b>275,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Capital Reserve Fund	275,000					275,000
<b>Total</b>	<b>275,000</b>					<b>275,000</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Street Division  
**Contact** Public Works Director  
**Type** Facility  
**Useful Life**  
**Category** Capital Improvement Plan (CI)

**Project #** ST-2021-004  
**Project Name** COMPOST SITE BUILDING

**Description** **Total Project Cost: \$50,000**  
 Replacement of existing compost site building. Adding a concrete slab for the building to sit on.

**Justification**  
 Existing building is beyond repair. Holes in roof and siding is in bad shape.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	50,000					50,000
<b>Total</b>	<b>50,000</b>					<b>50,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Garbage Fund	50,000					50,000
<b>Total</b>	<b>50,000</b>					<b>50,000</b>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-001</b>
<b>Project Name</b>	<b>BAF Roof Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$324,500</b>
Replacement of the BAF Roof.	

<b>Justification</b>
The BAF roof replacement upgrade was identified in the 2015 WWTP Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		324,500				324,500
<b>Total</b>		<u>324,500</u>				<u>324,500</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		324,500				324,500
<b>Total</b>		<u>324,500</u>				<u>324,500</u>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-002</b>
<b>Project Name</b>	<b>MAU-6 Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$62,172</b>
Replacement of MAU-6.	

<b>Justification</b>
The MAU-6 replacement upgrade was identified in the 2015 WWTP Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		62,172				62,172
<b>Total</b>		<u>62,172</u>				<u>62,172</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		62,172				62,172
<b>Total</b>		<u>62,172</u>				<u>62,172</u>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-003</b>
<b>Project Name</b>	<b>Pretreatment Roof Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$359,900</b>
Replacement of the Pretreatment Building Roof.	

<b>Justification</b>
The BAF roof replacement upgrade was identified in the 2015 WWTP Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		359,900				359,900
<b>Total</b>		<u>359,900</u>				<u>359,900</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		359,900				359,900
<b>Total</b>		<u>359,900</u>				<u>359,900</u>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-004</b>
<b>Project Name</b>	<b>BAF Blower Replacements</b>

<b>Description</b>	<b>Total Project Cost: \$843,975</b>
Replacement of the blower assemblies in the BAF building.	

<b>Justification</b>
This was identified in the 2015 Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings		843,975				843,975
<b>Total</b>		<u>843,975</u>				<u>843,975</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		843,975				843,975
<b>Total</b>		<u>843,975</u>				<u>843,975</u>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Wastewater Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 25 years  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>WW-2022-005</b>
<b>Project Name</b>	<b>Biosolids Liquid Storage</b>

<b>Description</b>	<b>Total Project Cost: \$1,193,844</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>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		1,193,844				1,193,844
<b>Total</b>		<u>1,193,844</u>				<u>1,193,844</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		1,193,844				1,193,844
<b>Total</b>		<u>1,193,844</u>				<u>1,193,844</u>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-006</b>
<b>Project Name</b>	<b>BioSolids Cake Storage</b>

<b>Description</b>	<b>Total Project Cost: \$711,563</b>
BioSolids cake storage. This is the final product created by the biosolids process. The current storage building is inadequate in storage capacity and the building is in poor condition.	

<b>Justification</b>
The biosolids cake storage upgrade was identified in the 2015 WWTP Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		711,563				711,563
<b>Total</b>		711,563				711,563

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		711,563				711,563
<b>Total</b>		711,563				711,563

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-007</b>
<b>Project Name</b>	<b>SCADA Upgrade</b>

<b>Description</b>	<b>Total Project Cost: \$1,622,500</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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		1,622,500				1,622,500
<b>Total</b>		<u>1,622,500</u>				<u>1,622,500</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		1,622,500				1,622,500
<b>Total</b>		<u>1,622,500</u>				<u>1,622,500</u>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Wastewater Division  
**Contact** Public Works Director  
**Type** Maintenance  
**Useful Life** 15 years  
**Category** Capital Improvement Plan (CI)

**Project #** WW-2022-008  
**Project Name** Shop Radiant Heaters

**Description** **Total Project Cost: \$20,000**  
 Replace the existing shop radiant heaters.

**Justification**  
 Replace the existing shop radiant heaters that are aging.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		20,000				20,000
<b>Total</b>		20,000				20,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		20,000				20,000
<b>Total</b>		20,000				20,000



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

**Project #** WW-2022-009  
**Project Name** Operations Building Roof Replacement

**Description** **Total Project Cost: \$106,000**  
 Replacement of the operations building roof based on the City Council adopted 2016 Facility Study.

**Justification**

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		106,000				106,000
<b>Total</b>		<u>106,000</u>				<u>106,000</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		106,000				106,000
<b>Total</b>		<u>106,000</u>				<u>106,000</u>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-010</b>
<b>Project Name</b>	<b>Influent Lift Pumps Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$1,372,594</b>
Replace influent lift pumps.	

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		1,372,594				1,372,594
<b>Total</b>		<u>1,372,594</u>				<u>1,372,594</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		1,372,594				1,372,594
<b>Total</b>		<u>1,372,594</u>				<u>1,372,594</u>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2022-012</b>
<b>Project Name</b>	<b>MAU-5 Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$24,345</b>
Replacement of MAU-5.	

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		24,345				24,345
<b>Total</b>		24,345				24,345

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		24,345				24,345
<b>Total</b>		24,345				24,345



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

**Project #** WW-2022-013  
**Project Name** UV Disinfection Roof Replacement

**Description** **Total Project Cost: \$34,500**  
 Replacement of the UV disinfection roof.

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance		34,500				34,500
<b>Total</b>		34,500				34,500

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund		34,500				34,500
<b>Total</b>		34,500				34,500

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Wastewater Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 10 years  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>WW-2023-002</b>
<b>Project Name</b>	<b>MAU-1 Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$29,938</b>
MAU-1 replacement.	

<b>Justification</b>
The MAU-1 replacement upgrade was identified in the 2015 WWTP Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance			29,938			29,938
<b>Total</b>			29,938			29,938

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund			29,938			29,938
<b>Total</b>			29,938			29,938

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Wastewater Division  
**Contact** Public Works Director  
**Type** Improvement  
**Useful Life** 10 years  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>WW-2024-001</b>
<b>Project Name</b>	<b>MAU-2 Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$61,611</b>
MAU-2 replacement.	

<b>Justification</b>
The MAU-2 replacement upgrade was identified in the 2015 WWTP Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				61,611		61,611
<b>Total</b>				61,611		61,611

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund				61,611		61,611
<b>Total</b>				61,611		61,611

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Wastewater Division  
**Contact** Public Works Director  
**Type** Maintenance  
**Useful Life** 10 years  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>WW-2025-001</b>
<b>Project Name</b>	<b>MAU 4 BAF Pipe Gallery Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$37,539</b>

<b>Justification</b>

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance					37,539	37,539
<b>Total</b>					<u>37,539</u>	<u>37,539</u>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund					37,539	37,539
<b>Total</b>					<u>37,539</u>	<u>37,539</u>



**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

**Project #** WW-2025-004  
**Project Name** Water Reuse System

**Description** **Total Project Cost: \$192,088**  
 Install a water reuse system.

**Justification**  
 The water reuse system was identified in the 2015 WWTP Facility Study.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance					192,088	192,088
<b>Total</b>					192,088	192,088

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund					192,088	192,088
<b>Total</b>					192,088	192,088

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>WW-2025-005</b>
<b>Project Name</b>	<b>WWTP Generator Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$1,175,000</b>
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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings					1,175,000	1,175,000
<b>Total</b>					1,175,000	1,175,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Waste Water Fund					1,175,000	1,175,000
<b>Total</b>					1,175,000	1,175,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Water Division

**Contact**

**Type** Maintenance

**Useful Life**

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>W-2021-002</b>
<b>Project Name</b>	<b>Spruce Court Watermain Relocation</b>

**Description**

**Total Project Cost: \$150,000**

A watermain that provide looping of the distribution system between Spruce Court and Linden St is broke. It needs to be repaired and partially relocated.

**Justification**

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance	150,000					150,000
<b>Total</b>	<b>150,000</b>					<b>150,000</b>

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund	150,000					150,000
<b>Total</b>	<b>150,000</b>					<b>150,000</b>

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Water Division

**Contact** Public Works Director

**Type** Land

**Useful Life** 40 years

**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>W-2022-002</b>
<b>Project Name</b>	<b>Land Acquisition for Water Tank in NW Area</b>

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

<b>Justification</b>
Service enterprise park in the in NW annexation area.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Land Acquisition		250,000				250,000
<b>Total</b>		250,000				250,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund		250,000				250,000
<b>Total</b>		250,000				250,000





**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Water Division  
**Contact** Public Works Director  
**Type** Maintenance  
**Useful Life** 8 Years  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>W-2023-001</b>
<b>Project Name</b>	<b>Well No. 03 Maintenance</b>

<b>Description</b>	<b>Total Project Cost: \$30,000</b>
Pulling Well No. 03 and replacing the column pipe. This is a standard maintenance practice conducted on wells.	

<b>Justification</b>
Standard well maintenance, completed every 8 years.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance			30,000			30,000
<b>Total</b>			30,000			30,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund			30,000			30,000
<b>Total</b>			30,000			30,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>W-2023-002</b>
<b>Project Name</b>	<b>Well No. 03 MCC Replacement</b>

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

<b>Justification</b>
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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance			200,000			200,000
<b>Total</b>			200,000			200,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund			200,000			200,000
<b>Total</b>			200,000			200,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>W-2023-003</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 generator.	

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

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings			120,000			120,000
<b>Total</b>			120,000			120,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund			120,000			120,000
<b>Total</b>			120,000			120,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

**Department** Water Division  
**Contact** Public Works Director  
**Type** Unassigned  
**Useful Life** 8 Years  
**Category** Capital Improvement Plan (CI)

<b>Project #</b>	<b>W-2024-001</b>
<b>Project Name</b>	<b>Well No. 04 Maintenance</b>

<b>Description</b>	<b>Total Project Cost: \$30,000</b>
Pulling Well No. 04 and replacing the column pipe. This is a standard maintenance practice conducted on wells.	

<b>Justification</b>
Standard well maintenance, completed every 8 years.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				30,000		30,000
<b>Total</b>				30,000		30,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund				30,000		30,000
<b>Total</b>				30,000		30,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Equip/Vehicles/Furnishings				120,000		120,000
<b>Total</b>				120,000		120,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund				120,000		120,000
<b>Total</b>				120,000		120,000

**Capital Improvement Plan**  
**City of Northfield, Minnesota**

2021 *thru* 2025

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

<b>Project #</b>	<b>W-2024-003</b>
<b>Project Name</b>	<b>Well No. 04 MCC Replacement</b>

<b>Description</b>	<b>Total Project Cost: \$200,000</b>
Replacement of well no. 4 motor control center (MCC) and SCADA components.	

<b>Justification</b>
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.

<b>Expenditures</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Construction/Maintenance				200,000		200,000
<b>Total</b>				200,000		200,000

<b>Funding Sources</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>Total</b>
Water Fund				200,000		200,000
<b>Total</b>				200,000		200,000