

2017-2021 Capital Improvement Plan



City of Northfield, Minnesota

Capital Improvement Plan

2017 thru 2021

PROJECTS BY DEPARTMENT

Department	Project#	2017	2018	2019	2020	2021	Total
City Facilities							
City Hall Roof Top Unit Replacement	F-2016-001	15,000					15,000
Exterior Caulking - Street Dept	F-2017-Caulk	16,000					16,000
LED Street Department Lighting	F-2017-LED	18,000					18,000
City Facilities Total		49,000					49,000
Engineering Division							
2017 Reclamation Project	E-2017-002	500,812					500,812
2017 Seal Coat/Crack Fill Project	E-2017-003	114,845					114,845
2018 Washington Street Mill and Overlay	E-2018-002		248,949				248,949
2018 Division & Seventh Street Reconstruction	E-2018-003		2,310,921				2,310,921
2018 Seal Coat/Crack Fill Project	E-2018-004		118,623				118,623
2018 Spring Creek Road Reconstruction Project	E-2018-005		690,176				690,176
2019 NW Area Reclamation	E-2019-001			1,154,959			1,154,959
2019 Seal Coat/Crack Fill Project	E-2019-002			105,975			105,975
2020 NE Area Mill and Overlay	E-2020-002				568,319		568,319
2020 College & Winona Street Reconstruction	E-2020-003				3,251,444		3,251,444
2020 Seal Coat/Crack Fill Project	E-2020-004				66,414		66,414
Mayflower Hill Reclamation	E-2021-002					863,469	863,469
Water Street South Reconstruction	E-2021-003					1,648,583	1,648,583
Engineering Division Total		615,657	3,368,669	1,260,934	3,886,177	2,512,052	11,643,489
Liquor Store							
Liquor Store Relocation	LIQ-2016-001	3,000,000					3,000,000
Liquor Store Total		3,000,000					3,000,000
NAFRS							
Fire Facility	F-2017-001		3,500,000				3,500,000
NAFRS Total			3,500,000				3,500,000
Park Division							
Bridge Square Revitalization	P-2015-003			25,000	25,000		50,000
Roosevelt Ridge Trail Connections	P-2017-001		175,000				175,000
Two Sand Volleyball Courts	P-2017-COURT	34,000					34,000
Pool Slide	P-2017-SLIDE	150,000					150,000
Meadows Park - Phase 1B	P-2018-001		159,302				159,302
Meadows Park - Phase 1C	P-2019-001			83,705			83,705
Meadows Park - Phase 1D	P-2020-001				67,035		67,035
Park Division Total		184,000	334,302	108,705	92,035		719,042
Recreation Division							
Ice Arena Parking Lot Chip Seal	REC-2017-001	10,186					10,186

Department	Project#	2017	2018	2019	2020	2021	Total
Ice Arena	REC-2018-001		0				0
Recreation Division Total		10,186	0				10,186
Street Division							
Street Shop Parking Lot Maintenance	ST-2017-001	40,961					40,961
Downtown Parking Lots Rehabilitation	ST-2018-LOTS		141,632				141,632
Roof Replacement	ST-2019-ROOF			160,000			160,000
Street Division Total		40,961	141,632	160,000			342,593
Waste Water Division							
Access Hatches	WW-2016-001		12,000				12,000
MAU-1 Pretreatment Roof Replacement	WW-2017-003	16,287					16,287
Sealing WWTP Well	WW-2017-004	50,000					50,000
Influent Channel Air Exchange	WW-2017-005	20,000					20,000
MAU-2 Pretreatment Roof Replacement	WW-2018-002		28,421				28,421
Operations Building Roof Replacement	WW-2018-003		106,000				106,000
Rooftop Safety Railings	WW-2018-004		25,000				25,000
Shop Radiant Heaters	WW-2018-005		20,000				20,000
BAF Gate Replacement	WW-2019-002			824,310			824,310
MAU-3 Pretreatment Roof Replacement	WW-2019-003			18,480			18,480
MAU 4 BAF Pipe Gallery Replacement	WW-2020-002				18,480		18,480
Biosolids Liquid Storage	WW-2021-002					1,193,844	1,193,844
Waste Water Division Total		86,287	191,421	842,790	18,480	1,193,844	2,332,822
Water Division							
Well House Roofs, Hatches and Doors	W-2017-001	70,000					70,000
SCADA PLC's	W-2017-002	20,000					20,000
Well No. 5 Maintenance	W-2019-001			30,000			30,000
St. Olaf Ground Storage Tank Maintenance	W-2019-002			500,000			500,000
Hall Ave. Elevated Water Tank Maintenance	W-2019-003			250,000			250,000
Land Acquisition for Water Tank in NW Area	W-2020-002		150,000				150,000
Well No. 02 Maintenance	W-2020-003				30,000		30,000
Water Division Total		90,000	150,000	780,000	30,000		1,050,000
GRAND TOTAL		4,076,091	7,686,024	3,152,429	4,026,692	3,705,896	22,647,132

City of Northfield, Minnesota

Capital Improvement Plan

2017 thru 2021

PROJECTS BY FUNDING SOURCE

Source	Project#	2017	2018	2019	2020	2021	Total
Assessments							
2017 Reclamation Project	E-2017-002	435,305					435,305
2018 Washington Street Mill and Overlay	E-2018-002		187,624				187,624
2018 Division & Seventh Street Reconstruction	E-2018-003		272,584				272,584
2019 NW Area Reclamation	E-2019-001			981,454			981,454
2020 NE Area Mill and Overlay	E-2020-002				471,450		471,450
2020 College & Winona Street Reconstruction	E-2020-003				329,607		329,607
Mayflower Hill Reclamation	E-2021-002					721,588	721,588
Water Street South Reconstruction	E-2021-003					181,619	181,619
Assessments Total		435,305	460,208	981,454	801,057	903,207	3,581,231
Bonded Dollars							
2017 Reclamation Project	E-2017-002	2,613					2,613
2018 Division & Seventh Street Reconstruction	E-2018-003		744,706				744,706
2019 NW Area Reclamation	E-2019-001			20,821			20,821
2020 NE Area Mill and Overlay	E-2020-002				60,292		60,292
2020 College & Winona Street Reconstruction	E-2020-003				995,526		995,526
Mayflower Hill Reclamation	E-2021-002					23,610	23,610
Water Street South Reconstruction	E-2021-003					939,486	939,486
Fire Facility	F-2017-001		2,527,700				2,527,700
Ice Arena	REC-2018-001		0				0
Downtown Parking Lots Rehabilitation	ST-2018-LOTS		141,632				141,632
Bonded Dollars Total		2,613	3,414,038	20,821	1,055,818	963,096	5,456,386
City Facilities Fund							
City Hall Roof Top Unit Replacement	F-2016-001	15,000					15,000
Exterior Caulking - Street Dept	F-2017-Caulk	16,000					16,000
LED Street Department Lighting	F-2017-LED	18,000					18,000
Ice Arena Parking Lot Chip Seal	REC-2017-001	10,186					10,186
Street Shop Parking Lot Maintenance	ST-2017-001	40,961					40,961
Roof Replacement	ST-2019-ROOF			160,000			160,000
City Facilities Fund Total		100,147		160,000			260,147
MSA							
2017 Seal Coat/Crack Fill Project	E-2017-003	114,845					114,845
2018 Washington Street Mill and Overlay	E-2018-002		232,892				232,892
2018 Division & Seventh Street Reconstruction	E-2018-003		790,000				790,000
2018 Seal Coat/Crack Fill Project	E-2018-004		118,623				118,623
2018 Spring Creek Road Reconstruction Project	E-2018-005		585,453				585,453
2019 Seal Coat/Crack Fill Project	E-2019-002			105,975			105,975
2020 College & Winona Street Reconstruction	E-2020-003				790,000		790,000

Source	Project#	2017	2018	2019	2020	2021	Total
2020 Seal Coat/Crack Fill Project	E-2020-004				66,414		66,414
MSA Total		114,845	1,726,968	105,975	856,414		2,804,202
Other							
2018 Spring Creek Road Reconstruction Project	E-2018-005		104,723				104,723
Fire Facility	F-2017-001		972,300				972,300
Other Total			1,077,023				1,077,023
Park Fund							
Bridge Square Revitalization	P-2015-003			25,000	25,000		50,000
Roosevelt Ridge Trail Connections	P-2017-001		175,000				175,000
Two Sand Volleyball Courts	P-2017-COURT	34,000					34,000
Pool Slide	P-2017-SLIDE	150,000					150,000
Meadows Park - Phase 1B	P-2018-001		159,302				159,302
Meadows Park - Phase 1C	P-2019-001			83,705			83,705
Meadows Park - Phase 1D	P-2020-001				67,035		67,035
Park Fund Total		184,000	334,302	108,705	92,035		719,042
Revenue Bond							
Liquor Store Relocation	LIQ-2016-001	3,000,000					3,000,000
Revenue Bond Total		3,000,000					3,000,000
Stormwater Fund							
2017 Reclamation Project	E-2017-002	20,755					20,755
2018 Washington Street Mill and Overlay	E-2018-002		8,671				8,671
2018 Division & Seventh Street Reconstruction	E-2018-003		77,684				77,684
2019 NW Area Reclamation	E-2019-001			50,386			50,386
2020 NE Area Mill and Overlay	E-2020-002				19,751		19,751
2020 College & Winona Street Reconstruction	E-2020-003				231,084		231,084
Mayflower Hill Reclamation	E-2021-002					63,867	63,867
Water Street South Reconstruction	E-2021-003					35,562	35,562
Stormwater Fund Total		20,755	86,355	50,386	250,835	99,429	507,760
Waste Water Fund							
2017 Reclamation Project	E-2017-002	3,774					3,774
2018 Washington Street Mill and Overlay	E-2018-002		3,693				3,693
2018 Division & Seventh Street Reconstruction	E-2018-003		155,842				155,842
2019 NW Area Reclamation	E-2019-001			9,161			9,161
2020 NE Area Mill and Overlay	E-2020-002				8,413		8,413
2020 College & Winona Street Reconstruction	E-2020-003				331,201		331,201
Mayflower Hill Reclamation	E-2021-002					27,202	27,202
Water Street South Reconstruction	E-2021-003					179,987	179,987
Access Hatches	WW-2016-001		12,000				12,000
MAU-1 Pretreatment Roof Replacement	WW-2017-003	16,287					16,287
Sealing WWTP Well	WW-2017-004	50,000					50,000
Influent Channel Air Exchange	WW-2017-005	20,000					20,000
MAU-2 Pretreatment Roof Replacement	WW-2018-002		28,421				28,421
Operations Building Roof Replacement	WW-2018-003		106,000				106,000

Source	Project#	2017	2018	2019	2020	2021	Total
Rooftop Safety Railings	WW-2018-004		25,000				25,000
Shop Radiant Heaters	WW-2018-005		20,000				20,000
BAF Gate Replacement	WW-2019-002			824,310			824,310
MAU-3 Pretreatment Roof Replacement	WW-2019-003			18,480			18,480
MAU 4 BAF Pipe Gallery Replacement	WW-2020-002				18,480		18,480
Biosolids Liquid Storage	WW-2021-002					1,193,844	1,193,844
Waste Water Fund Total		90,061	350,956	851,951	358,094	1,401,033	3,052,095
Water Fund							
2017 Reclamation Project	E-2017-002	38,365					38,365
2018 Washington Street Mill and Overlay	E-2018-002		3,693				3,693
2018 Division & Seventh Street Reconstruction	E-2018-003		270,105				270,105
2019 NW Area Reclamation	E-2019-001			93,137			93,137
2020 NE Area Mill and Overlay	E-2020-002				8,413		8,413
2020 College & Winona Street Reconstruction	E-2020-003				574,026		574,026
Mayflower Hill Reclamation	E-2021-002					27,202	27,202
Water Street South Reconstruction	E-2021-003					311,929	311,929
Well House Roofs, Hatches and Doors	W-2017-001	70,000					70,000
SCADA PLC's	W-2017-002	20,000					20,000
Well No. 5 Maintenance	W-2019-001			30,000			30,000
St. Olaf Ground Storage Tank Maintenance	W-2019-002			500,000			500,000
Hall Ave. Elevated Water Tank Maintenance	W-2019-003			250,000			250,000
Land Acquisition for Water Tank in NW Area	W-2020-002		150,000				150,000
Well No. 02 Maintenance	W-2020-003				30,000		30,000
Water Fund Total		128,365	423,798	873,137	612,439	339,131	2,376,870
GRAND TOTAL		4,076,091	7,873,648	3,152,429	4,026,692	3,705,896	22,834,756

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

Department City Facilities
Contact Public Works Director
Type Maintenance
Useful Life 10 years
Category Capital Improvement Plan (CI)

Project #	F-2016-001
Project Name	City Hall Roof Top Unit Replacement

Description	Total Project Cost: \$27,000
Two rooftop air handlers have been on schedule for replacement annually until all 16 units are the new generation.	

Justification
Updating the rooftop units at City Hall will help with climate control and also address efficiency.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
12,000	Construction/Maintenance	15,000					15,000
Total	Total	15,000					15,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
12,000	City Facilities Fund	15,000					15,000
Total	Total	15,000					15,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

Department City Facilities
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)

Project #	F-2017-Caulk
Project Name	Exterior Caulking - Street Dept

Description	Total Project Cost: \$16,000
Exterior caulking of the expansion joints, around windows and doors at the street department	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	16,000					16,000
Total	16,000					16,000

Funding Sources	2017	2018	2019	2020	2021	Total
City Facilities Fund	16,000					16,000
Total	16,000					16,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

Department City Facilities
Contact Public Works Director
Type Maintenance
Useful Life
Category Capital Improvement Plan (CI)

Project #	F-2017-LED
Project Name	LED Street Department Lighting

Description	Total Project Cost: \$18,000
Retrofit and Replacement of all light fixtures including exterior and Parking lot lights to LED at the Street Department.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	18,000					18,000
Total	18,000					18,000

Funding Sources	2017	2018	2019	2020	2021	Total
City Facilities Fund	18,000					18,000
Total	18,000					18,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # E-2017-002
Project Name 2017 Reclamation Project

Description

Total Project Cost: \$500,812

Full Depth Pavement Reclamation and possible sidewalk additions on Maple Street from Woodley Street to Nevada Street, Nevada Street from Maple Street to Seventh Street, Bunday Circle, Hillside Court, Marvin Lane from Washington Street to Division Street, Professional Drive from Woodley Street to the TH 3 Frontage Road, Sibley View Lane from Jefferson Parkway to Sibley View Court, and Sibley View Court.

Justification

These road segments have been identified by Public Works personnel to be likely candidates for a full depth pavement reclamation based on the current pavement condition, coupled with the current condition of the existing utilities.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	500,812					500,812
Total	500,812					500,812

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments	435,305					435,305
Bonded Dollars	2,613					2,613
Stormwater Fund	20,755					20,755
Waste Water Fund	3,774					3,774
Water Fund	38,365					38,365
Total	500,812					500,812

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2017-003
Project Name	2017 Seal Coat/Crack Fill Project

Description	Total Project Cost: \$114,845
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	114,845					114,845
Total	114,845					114,845

Funding Sources	2017	2018	2019	2020	2021	Total
MSA	114,845					114,845
Total	114,845					114,845

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # E-2018-002
Project Name 2018 Washington Street Mill and Overlay

Description

Total Project Cost: \$248,949

1-1/2" Pavement Mill and Overlay on Washington Street from Woodley Street to Third Street.

Justification

This section of road has 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.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		248,949				248,949
Total		248,949				248,949

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments		187,624				187,624
MSA		232,892				232,892
Stormwater Fund		8,671				8,671
Waste Water Fund		3,693				3,693
Water Fund		3,693				3,693
Total		436,573				436,573

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # E-2018-003
Project Name 2018 Division & Seventh Street Reconstruction

Description

Total Project Cost: \$2,310,921

Complete infrastructure replacement with enhanced streetscape elements to match the existing projects that have been completed in the downtown area. The project area includes Division Street from Sixth Street to Eighth Street, and Seventh Street from Water Street to Washington Street.

Justification

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

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		2,310,921				2,310,921
Total		2,310,921				2,310,921

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments		272,584				272,584
Bonded Dollars		744,706				744,706
MSA		790,000				790,000
Stormwater Fund		77,684				77,684
Waste Water Fund		155,842				155,842
Water Fund		270,105				270,105
Total		2,310,921				2,310,921

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2018-004
Project Name	2018 Seal Coat/Crack Fill Project

Description	Total Project Cost: \$118,623
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		118,623				118,623
Total		118,623				118,623

Funding Sources	2017	2018	2019	2020	2021	Total
MSA		118,623				118,623
Total		118,623				118,623

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # E-2018-005
Project Name 2018 Spring Creek Road Reconstruction Project

Description

Total Project Cost: \$690,176

Spring Creek Road Reconstruction Project

Justification

Bring Spring Creek Road up to a paved 40' wide rural section along the recently developed Hills of Spring Creek area.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		690,176				690,176
Total		690,176				690,176

Funding Sources	2017	2018	2019	2020	2021	Total
MSA		585,453				585,453
Other		104,723				104,723
Total		690,176				690,176

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2019-001
Project Name	2019 NW Area Reclamation

Description	Total Project Cost: \$1,154,959
Full Depth Pavement Reclamation on Third Street from TH 3 to Forest Avenue, Fourth Street from Poplar Street to Odd Fellows Lane, Orchard Street from Fifth Street to Third Street, Plum Street from Third Street to Fourth Street, Poplar Street from Third Street to Fourth Street, Ivanhoe Drive from Highland Avenue to Lincoln Parkway, Zanmiller Drive from Eklund Court to Gill Lane, Wilson Court, Simone Court, Nelson Court, Grundhoefer Court, Eklund Court, and Covey Court.	
Justification	These road segments have been identified by Public Works personnel to be likely candidates for a full depth pavement reclamation based on the current pavement condition, coupled with the current condition of the existing utilities.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			1,154,959			1,154,959
Total			1,154,959			1,154,959

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments			981,454			981,454
Bonded Dollars			20,821			20,821
Stormwater Fund			50,386			50,386
Waste Water Fund			9,161			9,161
Water Fund			93,137			93,137
Total			1,154,959			1,154,959

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2019-002
Project Name	2019 Seal Coat/Crack Fill Project

Description	Total Project Cost: \$105,975
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			105,975			105,975
Total			105,975			105,975

Funding Sources	2017	2018	2019	2020	2021	Total
MSA			105,975			105,975
Total			105,975			105,975

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # E-2020-002
Project Name 2020 NE Area Mill and Overlay

Description

Total Project Cost: \$568,319

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, and Oak Street from Second Street to Fourth Street.

Justification

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.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				568,319		568,319
Total				568,319		568,319

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments				471,450		471,450
Bonded Dollars				60,292		60,292
Stormwater Fund				19,751		19,751
Waste Water Fund				8,413		8,413
Water Fund				8,413		8,413
Total				568,319		568,319

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2020-003
Project Name	2020 College & Winona Street Reconstruction

Description	Total Project Cost: \$3,251,444
Complete infrastructure replacement on College Street from Seventh Street to Woodley Street, Winona Street from Seventh Street to Woodley Street, Eighth Street from College Street to Winona Street, and Ninth Street from College Street to Woodley Street.	

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

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				3,251,444		3,251,444
Total				3,251,444		3,251,444

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments				329,607		329,607
Bonded Dollars				995,526		995,526
MSA				790,000		790,000
Stormwater Fund				231,084		231,084
Waste Water Fund				331,201		331,201
Water Fund				574,026		574,026
Total				3,251,444		3,251,444

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2020-004
Project Name	2020 Seal Coat/Crack Fill Project

Description	Total Project Cost: \$66,414
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				66,414		66,414
Total				66,414		66,414

Funding Sources	2017	2018	2019	2020	2021	Total
MSA				66,414		66,414
Total				66,414		66,414

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2021-002
Project Name	Mayflower Hill Reclamation

Description	Total Project Cost: \$863,469
Mayflower Hill Area Reclamation pavement rehabilitation	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance					863,469	863,469
Total					863,469	863,469

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments					721,588	721,588
Bonded Dollars					23,610	23,610
Stormwater Fund					63,867	63,867
Waste Water Fund					27,202	27,202
Water Fund					27,202	27,202
Total					863,469	863,469

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	E-2021-003
Project Name	Water Street South Reconstruction

Description	Total Project Cost: \$1,648,583
Water Street South Reconstruction - complete street reconstruction due to aging infrastructure.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance					1,648,583	1,648,583
Total					1,648,583	1,648,583

Funding Sources	2017	2018	2019	2020	2021	Total
Assessments					181,619	181,619
Bonded Dollars					939,486	939,486
Stormwater Fund					35,562	35,562
Waste Water Fund					179,987	179,987
Water Fund					311,929	311,929
Total					1,648,583	1,648,583

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

Department Liquor Store

Contact

Type Facility

Useful Life

Category Capital Improvement Plan (CI)

Project # LIQ-2016-001
Project Name Liquor Store Relocation

Total Project Cost: \$3,000,000

Description

Identified through previous council goal setting and project identification is the construction of a new liquor store. The current facility is dated, in need of substantial maintenance and amenity upgrades to meet industry standards and community expectations as well as to remain financially competitive.

Justification

The 2015 budget includes funding for financial projections and feasibility analysis (\$14,000). These matters will be brought forward in late summer of 2015 which would justify the construction and location for a new facility. A new facility would be funded through liquor revenue notes with a market study that would support this debt service without negative impacts to the general fund nor levy.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	3,000,000					3,000,000
Total	3,000,000					3,000,000

Funding Sources	2017	2018	2019	2020	2021	Total
Revenue Bond	3,000,000					3,000,000
Total	3,000,000					3,000,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

Department NAFRS
Contact City Administrator
Type Facility
Useful Life 40 years
Category Capital Improvement Plan (CI)

Project #	F-2017-001
Project Name	Fire Facility

Description	Total Project Cost: \$3,500,000
Facility for the Fire department to conduct operations at. Northfield pays approximately 72% of cost for the fire service from the Northfield Area Fire and Rescue Service. This means Northfield will need to finance 72% of a remodel of existing facility, or a new facility.	

Justification
The current facility the fire department is operating out of is out of date, with structural and environmental problems. The site of the fire station is also in a flood area, and the building is typically flooded each year.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		3,500,000				3,500,000
Total		3,500,000				3,500,000

Funding Sources	2017	2018	2019	2020	2021	Total
Bonded Dollars		2,527,700				2,527,700
Other		972,300				972,300
Total		3,500,000				3,500,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

Department Park Division
Contact City Administrator
Type Improvement
Useful Life
Category Capital Improvement Plan (CI)

Project #	P-2015-003
Project Name	Bridge Square Revitalization

Description	Total Project Cost: \$50,000
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Planning/Design			25,000	25,000		50,000
Total			25,000	25,000		50,000

Funding Sources	2017	2018	2019	2020	2021	Total
Park Fund			25,000	25,000		50,000
Total			25,000	25,000		50,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	P-2017-001
Project Name	Roosevelt Ridge Trail Connections

Description	Total Project Cost: \$175,000
Roosevelt Ridge Park is a missing trail connection for four neighborhood trails. Completing this section will enhance the local trail network.	

Justification
The Parks and Recreation Advisory Board identified this section of trail to be completed in 2017.

Expenditures	2017	2018	2019	2020	2021	Total
Planning/Design		10,000				10,000
Construction/Maintenance		165,000				165,000
Total		175,000				175,000

Funding Sources	2017	2018	2019	2020	2021	Total
Park Fund		175,000				175,000
Total		175,000				175,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # P-2017-COURT
Project Name Two Sand Volleyball Courts

Description

Total Project Cost: \$34,000

At the April 21st PRAB meeting, a motion was made to budget for two sand volleyball courts to be added to Old Memorial Park.

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	34,000					34,000
Total	34,000					34,000

Funding Sources	2017	2018	2019	2020	2021	Total
Park Fund	34,000					34,000
Total	34,000					34,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	P-2017-SLIDE
Project Name	Pool Slide

Description	Total Project Cost: \$150,000
Slide for Pool	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	150,000					150,000
Total	150,000					150,000

Funding Sources	2017	2018	2019	2020	2021	Total
Park Fund	150,000					150,000
Total	150,000					150,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	P-2018-001
Project Name	Meadows Park - Phase 1B

Description	Total Project Cost: \$159,302
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		159,302				159,302
Total		159,302				159,302

Funding Sources	2017	2018	2019	2020	2021	Total
Park Fund		159,302				159,302
Total		159,302				159,302

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	P-2019-001
Project Name	Meadows Park - Phase 1C

Description	Total Project Cost: \$83,705
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			83,705			83,705
Total			83,705			83,705

Funding Sources	2017	2018	2019	2020	2021	Total
Park Fund			83,705			83,705
Total			83,705			83,705

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	P-2020-001
Project Name	Meadows Park - Phase 1D

Description	Total Project Cost: \$67,035
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				67,035		67,035
Total				67,035		67,035

Funding Sources	2017	2018	2019	2020	2021	Total
Park Fund				67,035		67,035
Total				67,035		67,035

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	REC-2017-001
Project Name	Ice Arena Parking Lot Chip Seal

Description	Total Project Cost: \$10,186
Addresses the deteriorating parking lot surface of the Ice Arena by performing a reclamation of the entire lot.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	10,186					10,186
Total	10,186					10,186

Funding Sources	2017	2018	2019	2020	2021	Total
City Facilities Fund	10,186					10,186
Total	10,186					10,186

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	REC-2018-001
Project Name	Ice Arena

Description	Total Project Cost: \$30,000
Identified through previous council goal setting and project identification is the construction of a new, two sheet ice arena. The current facility is dated, in need of substantial maintenance and amenity upgrades to meet industry standard and community expectations.	

Justification
The 2015 budget includes the funding for a market study and feasibility analysis (\$30,000). These matters will be brought forward in the fall of 2015 which would justify the need for additional ice and a new facility. That said, this particular the consideration of constructing a new facility is one of the very few 'place holders' on the revised CIP/CEP. It is assumed that project partners including the school district and one, if not both of the colleges will participate to some degree on the acquisition of land and construction of a new facility. These answers are unknown at this time, but it is advised to maintain this item as an identified project.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
30,000	Construction/Maintenance		0				0
Total	Total		0				0

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
30,000	Bonded Dollars		0				0
Total	Total		0				0

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	ST-2017-001
Project Name	Street Shop Parking Lot Maintenance

Description	Total Project Cost: \$40,961
This project will reclaim the street shop parking lot.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	40,961					40,961
Total	40,961					40,961

Funding Sources	2017	2018	2019	2020	2021	Total
City Facilities Fund	40,961					40,961
Total	40,961					40,961

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	ST-2018-LOTS
Project Name	Downtown Parking Lots Rehabilitation

Description	Total Project Cost: \$141,632
Downtown Parking Lots Rehabilitation -Grand Parking Lot Reclamation -Washington Street and Fifth Street lot mill and overlay -Third Street lot mill and overlay	
Justification	
Pavement needs reclaimed, if not done continued deterioration of the pavement section, which will cause more costly repairs in the near future.	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		141,632				141,632
Total		141,632				141,632

Funding Sources	2017	2018	2019	2020	2021	Total
Bonded Dollars		141,632				141,632
Total		141,632				141,632

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	ST-2019-ROOF
Project Name	Roof Replacement

Description	Total Project Cost: \$160,000
Roof Replacement at Maintenance Facility	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			160,000			160,000
Total			160,000			160,000

Funding Sources	2017	2018	2019	2020	2021	Total
City Facilities Fund			160,000			160,000
Total			160,000			160,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2016-001
Project Name	Access Hatches

Description	Total Project Cost: \$12,000
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		12,000				12,000
Total		12,000				12,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund		12,000				12,000
Total		12,000				12,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2017-003
Project Name	MAU-1 Pretreatment Roof Replacement

Description	Total Project Cost: \$16,287
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	16,287					16,287
Total	16,287					16,287

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund	16,287					16,287
Total	16,287					16,287

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # WW-2017-004
Project Name Sealing WWTP Well

Description

Total Project Cost: \$50,000

With the installation of the new WWTP Well, the existing well needs to be sealed.

Justification

With the installation of the new WWTP Well, the existing well needs to be sealed.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	50,000					50,000
Total	50,000					50,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund	50,000					50,000
Total	50,000					50,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # WW-2017-005
Project Name Influent Channel Air Exchange

Description

Total Project Cost: \$20,000

Install an influent channel air exchange to move air and preserve the concrete.

Justification

The current air exchange system is too small and causing air to sit stagnant. Installling a new larger unit will move air easier and will help extend the life of the concrete in the structure.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	20,000					20,000
Total	20,000					20,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund	20,000					20,000
Total	20,000					20,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2018-002
Project Name	MAU-2 Pretreatment Roof Replacment

Description	Total Project Cost: \$28,421
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		28,421				28,421
Total		28,421				28,421

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund		28,421				28,421
Total		28,421				28,421

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2018-003
Project Name	Operations Building Roof Replacement

Description	Total Project Cost: \$106,000

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		106,000				106,000
Total		106,000				106,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund		106,000				106,000
Total		106,000				106,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2018-004
Project Name	Rooftop Safety Railings

Description	Total Project Cost: \$25,000
Install rooftop safety railings to prevent safety issues and to comply with OSHA standards.	

Justification
Install rooftop safety railings to prevent safety issues and to comply with OSHA standards.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		25,000				25,000
Total		25,000				25,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund		25,000				25,000
Total		25,000				25,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2018-005
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.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance		20,000				20,000
Total		20,000				20,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund		20,000				20,000
Total		20,000				20,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2019-002
Project Name	BAF Gate Replacement

Description	Total Project Cost: \$824,310
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			824,310			824,310
Total			824,310			824,310

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund			824,310			824,310
Total			824,310			824,310

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2019-003
Project Name	MAU-3 Pretreatment Roof Replacement

Description	Total Project Cost: \$18,480
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			18,480			18,480
Total			18,480			18,480

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund			18,480			18,480
Total			18,480			18,480

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2020-002
Project Name	MAU 4 BAF Pipe Gallery Replacement

Description	Total Project Cost: \$18,480
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				18,480		18,480
Total				18,480		18,480

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund				18,480		18,480
Total				18,480		18,480

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2021-002
Project Name	Biosolids Liquid Storage

Description	Total Project Cost: \$1,193,844
Justification	

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance					1,193,844	1,193,844
Total					1,193,844	1,193,844

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund					1,193,844	1,193,844
Total					1,193,844	1,193,844

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project # W-2017-001
Project Name Well House Roofs, Hatches and Doors

Description

Total Project Cost: \$70,000

Replace the flat roofs, hatches and doors on well no. 2, 3 and 4. The hatches currently are a security issue and need to be replaced with stainless steel hatches.

Justification

The current roofs are leaking causing issues inside the well houses. The roof hatches for maintaining the wells are not secure and need to be replaced with a stainless steel hatch. The doors are rusting through and are also a security issue.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	70,000					70,000
Total	70,000					70,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund	70,000					70,000
Total	70,000					70,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	W-2017-002
Project Name	SCADA PLC's

Description	Total Project Cost: \$20,000
Replace the PLC's at well 2. The current PLC's are outdated and need to be reconfigured. Currently, the well 2 PLC is also the main system PLC. These two features need to be separated to protect the city's ability to operate its water system and keep uniformity throughout its wells.	

Justification
The current PLC is outdated and needs replacement. Since the PLC needs to be replaced, this is the time to reprogram the PLC's to operate in the same fashion as the rest of the water system.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	20,000					20,000
Total	20,000					20,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund	20,000					20,000
Total	20,000					20,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	W-2019-001
Project Name	Well No. 5 Maintenance

Description	Total Project Cost: \$30,000
Pulling Well No. 05 and replacing the column pipe. This is a standard maintenance practice conducted on wells.	

Justification
Standard well maintenance, completed every 8 years.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			30,000			30,000
Total			30,000			30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund			30,000			30,000
Total			30,000			30,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	W-2019-002
Project Name	St. Olaf Ground Storage Tank Maintenance

Description	Total Project Cost: \$500,000
Spot paint the St. Olaf ground storage tanks.	

Justification
Spot painting the tanks extend the useful life of the paint.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			500,000			500,000
Total			500,000			500,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund			500,000			500,000
Total			500,000			500,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	W-2019-003
Project Name	Hall Ave. Elevated Water Tank Maintenance

Description	Total Project Cost: \$250,000
Spot paint the Hall Ave. Elevated Water Tank.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance			250,000			250,000
Total			250,000			250,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund			250,000			250,000
Total			250,000			250,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	W-2020-002
Project Name	Land Acquisition for Water Tank in NW Area

Description	Total Project Cost: \$150,000
Acquire land in northwest annexation area for future water tank. The tower site would need to be roughly 5 acres in size.	

Justification
Service enterprise park in the in NW annexation area.

Expenditures	2017	2018	2019	2020	2021	Total
Land Acquisition		150,000				150,000
Total		150,000				150,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund		150,000				150,000
Total		150,000				150,000

Capital Equipment Plan

City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	W-2020-003
Project Name	Well No. 02 Maintenance

Description	Total Project Cost: \$30,000
Pulling Well No. 02 and replacing the column pipe. This is a standard maintenance practice conducted on wells.	

Justification
Standard well maintenance, completed every 8 years.

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance				30,000		30,000
Total				30,000		30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund				30,000		30,000
Total				30,000		30,000