

2017-2021
Capital
Equipment Plan



City of Northfield, Minnesota

Capital Equipment Plan

2017 thru 2021

PROJECTS BY FUNDING SOURCE

Source	Project#	2017	2018	2019	2020	2021	Total
Bonded Dollars							
Pumper #8115	F-2018-002			396,000			396,000
Bonded Dollars Total				396,000			396,000
Garbage Fund							
2006 Ford Water Truck	ST-305-7758					40,000	40,000
Garbage Fund Total						40,000	40,000
Grant							
Bookmobile	L-2017-Book	67,984					67,984
2007 Zamboni 540 Ice Resurfacers	PR-507-8667	50,000					50,000
Grant Total		117,984					117,984
IT							
Police Body Camera's	PD-2018-CAM		52,005				52,005
IT Total			52,005				52,005
Other							
Pumper #8115	F-2018-002			154,000			154,000
Bookmobile	L-2017-Book	13,597					13,597
Other Total		13,597		154,000			167,597
Stormwater Fund							
2006 Ford Water Truck	ST-305-7758					60,000	60,000
2011 Elgin Pelican NP Street Sweeper	ST-411-2325	135,000					135,000
2003 Dodge Ram	SW-2017-RAM	25,000					25,000
Stormwater Fund Total		160,000				60,000	220,000
Vehicle Equipment Replacement Fund							
Building Inspection Truck Replacement	BI-2021-001				24,000		24,000
Engineering Division Truck Replacement	E-2020-001				24,000		24,000
Engineering Division Truck Replacement	E-2021-001					24,000	24,000
Facilities Division Truck Replacement	F-2019-001			25,000			25,000
Facilities Division Cargo Van Replacement	F-2021-001					22,000	22,000
Bookmobile	L-2017-Book	54,387					54,387
2013 Ford Police Interceptor (1)	PD-2017-001	36,000					36,000

Source	Project#	2017	2018	2019	2020	2021	Total
2013 Ford Police Interceptor (6)	PD-2017-002	36,000					36,000
2008 Ford Expedition (17)	PD-2017-003	29,000					29,000
2010 Chrysler Grand Caravan (14)	PD-2017-004	25,000					25,000
2014 Ford Police Interceptor (3)	PD-2018-001		36,000				36,000
2014 Ford Police Interceptor SUV (4)	PD-2018-002		36,000				36,000
2013 Ford Police Interceptor (7)	PD-2018-003		36,000				36,000
2013 Ford Police Interceptor (8)	PD-2018-004		36,000				36,000
2010 Ford F-150 (10)	PD-2019-001			30,000			30,000
2012 Ford Police Interceptor (11)	PD-2019-002			28,000			28,000
2015 Dodge Grand Caravan (12)	PD-2020-001				25,000		25,000
2015 Ford Taurus (13)	PD-2020-002				28,000		28,000
2016 Ford Police Interceptor SUV (15)	PD-2020-003				36,000		36,000
Interceptor SUV (2)	PD-2021-001					36,000	36,000
Interceptor SUV (5)	PD-2021-002					36,000	36,000
Interceptor SUV (9)	PD-2021-003					36,000	36,000
2007 Zamboni 540 Ice Resurfacers	PR-507-8667	65,000					65,000
2007 Toro Workman Utility Vehicle	PR-707-0833	22,000					22,000
2007 Chevy 2500 Pickup	PR-707-3434		30,000				30,000
2000 GMC 3500 Pickup	ST-2000-3500	35,000					35,000
1999 Chevy S10	ST-2020- S10				31,000		31,000
2009 Ford F-250	ST-209-0452		30,000				30,000
2009 Ford F-250	ST-209-0453			30,000			30,000
2011 Ford F-250	ST-211-8346				30,000		30,000
2011 Ford F-250	ST-211-8347					30,000	30,000
2006 Sterling Dump Truck	ST-305-6625				150,000		150,000
2000 Case 580 Super L Backhoe	ST-400-6393		30,000				30,000
2002 Caterpillar 938G Front End Loader	ST-402-1086		70,000				70,000
1991 Caterpillar 140G Motor Grader	ST-491-7720			175,000			175,000
2007 Toro 580D Mower 16'	ST-707-0226	98,000					98,000
2009 Toro 4100D Mower 10'	ST-709-0102			45,000			45,000
2011 Toro 5900 Mower 16'	ST-711-1598					80,000	80,000
Transit Bus Share	Transit Bus	16,000	16,400	29,000	16,400	16,800	94,600

Vehicle Equipment Replacement Fund Total

416,387 320,400 362,000 364,400 280,800 1,743,987

Vehicle Trade In

Building Inspection Truck Replacement	BI-2021-001				6,000		6,000
2007 Zamboni 540 Ice Resurfacers	PR-507-8667	22,000					22,000
1999 Chevy S10	ST-2020- S10				500		500

Vehicle Trade In Total

22,000 6,500 28,500

Waste Water Fund

2000 Case 580 Super L Backhoe	ST-400-6393		30,000				30,000
2002 Caterpillar 938G Front End Loader	ST-402-1086		105,000				105,000
BAF Frames and Stop Logs	WW-2017 - 07	60,000					60,000
Replacement of 2006 Ford F-350	WW-2017-001	40,000					40,000
Replacement of 2007 Chevy Colorado	WW-2018-001		25,000				25,000
Replacement of 2001 Ford E-450 TV Van	WW-2019-001			160,000			160,000
Replacement of 2009 Sterling Jet Vac Truck	WW-2020-001				300,000		300,000
Replacement of 2011 JCB Utility Machine	WW-2021-001					90,000	90,000

Waste Water Fund Total

100,000 160,000 160,000 300,000 90,000 810,000

Source	Project#	2017	2018	2019	2020	2021	Total
Water Fund							
2000 Case 580 Super L Backhoe	ST-400-6393		30,000				30,000
2001 Chevy S10	W-2017-S10	30,000					30,000
Replacement of 1998 Chevy 2500 Pickup Truck	W-2018-002		35,000				35,000
2009 Wachs Valve Wrench	W-2018-003		15,000				15,000
Well 5 Generator (200 kW)	W-2018-004		80,000				80,000
Replacement of 2010 Ford F-150 Pickup Truck	W-2020-001				25,000		25,000
Replacement of 2010 Ford F-150 Pickup Truck	W-2021-001					25,000	25,000
Water Fund Total		30,000	160,000		25,000	25,000	240,000
GRAND TOTAL		859,968	692,405	1,072,000	695,900	495,800	3,816,073

City of Northfield, Minnesota

Capital Equipment Plan

2017 thru 2021

PROJECTS BY DEPARTMENT

Department	Project#	2017	2018	2019	2020	2021	Total			
Building Inspections										
Building Inspection Truck Replacement	BI-2021-001				30,000		30,000			
Building Inspections Total					30,000		30,000			
City Facilities										
Facilities Division Truck Replacement	F-2019-001			25,000			25,000			
Facilities Division Cargo Van Replacement	F-2021-001					22,000	22,000			
City Facilities Total					25,000	22,000	47,000			
Engineering Division										
Engineering Division Truck Replacement	E-2020-001				24,000		24,000			
Engineering Division Truck Replacement	E-2021-001					24,000	24,000			
Engineering Division Total					24,000	24,000	48,000			
Hiawathaland Transit										
Transit Bus Share	Transit Bus	15,600	16,000	16,400	16,400	16,800	81,200			
Hiawathaland Transit Total					15,600	16,000	16,400	16,400	16,800	81,200
Library										
Bookmobile	L-2017-Book	135,968					135,968			
Library Total					135,968		135,968			
Northfield Area Fire & Rescue										
Pumper #8115	F-2018-002			550,000			550,000			
Northfield Area Fire & Rescue Total					550,000		550,000			
Police										
2013 Ford Police Interceptor (1)	PD-2017-001	36,000					36,000			
2013 Ford Police Interceptor (6)	PD-2017-002	36,000					36,000			
2008 Ford Expedition (17)	PD-2017-003	29,000					29,000			
2010 Chrysler Grand Caravan (14)	PD-2017-004	25,000					25,000			
2014 Ford Police Interceptor (3)	PD-2018-001		36,000				36,000			
2014 Ford Police Interceptor SUV (4)	PD-2018-002		36,000				36,000			
2013 Ford Police Interceptor (7)	PD-2018-003		36,000				36,000			
2013 Ford Police Interceptor (8)	PD-2018-004		36,000				36,000			
Police Body Camera's	PD-2018-CAM		52,005				52,005			
2010 Ford F-150 (10)	PD-2019-001			30,000			30,000			
2012 Ford Police Interceptor (11)	PD-2019-002			28,000			28,000			
2015 Dodge Grand Caravan (12)	PD-2020-001				25,000		25,000			
2015 Ford Taurus (13)	PD-2020-002				28,000		28,000			
2016 Ford Police Interceptor SUV (15)	PD-2020-003				36,000		36,000			

Department	Project#	2017	2018	2019	2020	2021	Total
Interceptor SUV (2)	PD-2021-001					36,000	36,000
Interceptor SUV (5)	PD-2021-002					36,000	36,000
Interceptor SUV (9)	PD-2021-003					36,000	36,000
Police Total		126,000	196,005	58,000	89,000	108,000	577,005
Recreation Division							
2007 Zamboni 540 Ice Resurfacers	PR-507-8667	137,000					137,000
Recreation Division Total		137,000					137,000
Stormwater Division							
2003 Dodge Ram	SW-2017-RAM	25,000					25,000
Stormwater Division Total		25,000					25,000
Street Division							
2007 Toro Workman Utility Vehicle	PR-707-0833	22,000					22,000
2007 Chevy 2500 Pickup	PR-707-3434		30,000				30,000
2000 GMC 3500 Pickup	ST-2000-3500	35,000					35,000
1999 Chevy S10	ST-2020- S10				31,500		31,500
2009 Ford F-250	ST-209-0452		30,000				30,000
2009 Ford F-250	ST-209-0453			30,000			30,000
2011 Ford F-250	ST-211-8346				30,000		30,000
2011 Ford F-250	ST-211-8347					30,000	30,000
2006 Sterling Dump Truck	ST-305-6625				150,000		150,000
2006 Ford Water Truck	ST-305-7758					100,000	100,000
2000 Case 580 Super L Backhoe	ST-400-6393		90,000				90,000
2002 Caterpillar 938G Front End Loader	ST-402-1086		175,000				175,000
2011 Elgin Pelican NP Street Sweeper	ST-411-2325	135,000					135,000
1991 Caterpillar 140G Motor Grader	ST-491-7720			175,000			175,000
2007 Toro 580D Mower 16'	ST-707-0226	98,000					98,000
2009 Toro 4100D Mower 10'	ST-709-0102			45,000			45,000
2011 Toro 5900 Mower 16'	ST-711-1598					80,000	80,000
Street Division Total		290,000	325,000	250,000	211,500	210,000	1,286,500
Waste Water Division							
BAF Frames and Stop Logs	WW-2017 - 07	60,000					60,000
Replacement of 2006 Ford F-350	WW-2017-001	40,000					40,000
Replacement of 2007 Chevy Colorado	WW-2018-001		25,000				25,000
Replacement of 2001 Ford E-450 TV Van	WW-2019-001			160,000			160,000
Replacement of 2009 Sterling Jet Vac Truck	WW-2020-001				300,000		300,000
Replacement of 2011 JCB Utility Machine	WW-2021-001					90,000	90,000
Waste Water Division Total		100,000	25,000	160,000	300,000	90,000	675,000
Water Division							
2001 Chevy S10	W-2017-S10	30,000					30,000
Replacement of 1998 Chevy 2500 Pickup Truck	W-2018-002		35,000				35,000
2009 Wachs Valve Wrench	W-2018-003		15,000				15,000
Well 5 Generator (200 kW)	W-2018-004		80,000				80,000
Replacement of 2010 Ford F-150 Pickup Truck	W-2020-001				25,000		25,000
Replacement of 2010 Ford F-150 Pickup Truck	W-2021-001					25,000	25,000
Water Division Total		30,000	130,000		25,000	25,000	210,000

Department	Project#	2017	2018	2019	2020	2021	Total
	GRAND TOTAL	859,568	692,005	1,059,400	695,900	495,800	3,802,673

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Building Inspections

Contact

Type Equipment

Useful Life

Category Capital Equipment Plan (CEP)

Project #	BI-2021-001
Project Name	Building Inspection Truck Replacement

Description	Total Project Cost: \$30,000
This CEP item will replace the 2010 Ford Ranger BI-210-3062. This is a standard vehicle replacement.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				30,000		30,000
Total				30,000		30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				24,000		24,000
Vehicle Trade In				6,000		6,000
Total				30,000		30,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department City Facilities
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	F-2019-001
Project Name	Facilities Division Truck Replacement

Description	Total Project Cost: \$25,000
Replacement of 2009 Chevy 1500 pickup (FC-208-3533) for Facilities Division.	

Justification
Benchmark for replacement of light trucks is 10 years/100,000 miles.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			25,000			25,000
Total			25,000			25,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund			25,000			25,000
Total			25,000			25,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department City Facilities
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	F-2021-001
Project Name	Facilities Division Cargo Van Replacement

Description	Total Project Cost: \$22,000
Replacement of 2011 Ford Transit Van (FC-211-0843) for Facilities Division.	

Justification
Benchmark for replacement of light trucks is 10 years/100,000 miles.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					22,000	22,000
Total					22,000	22,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund					22,000	22,000
Total					22,000	22,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Engineering Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	E-2020-001
Project Name	Engineering Division Truck Replacement

Description	Total Project Cost: \$24,000
Replacement of 2010 Ford F-150 pickup (EN-210-5910) for Engineering Division.	

Justification
Benchmark for replacement of light trucks is 10 years/100,000 miles.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				24,000		24,000
Total				24,000		24,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				24,000		24,000
Total				24,000		24,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Engineering Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	E-2021-001
Project Name	Engineering Division Truck Replacement

Description	Total Project Cost: \$24,000
Replacement of 2011 Ford F-150 pickup (EN-211-6989) for Engineering Division.	

Justification
Benchmark for replacement of light trucks is 10 years/100,000 miles.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					24,000	24,000
Total					24,000	24,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund					24,000	24,000
Total					24,000	24,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Hiawathaland Transit
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project #	Transit Bus
Project Name	Transit Bus Share

Description	Total Project Cost: \$110,400
This allocation describes the City's share of the transit service.	

Justification

Prior	Expenditures	2017	2018	2019	2020	2021	Total
29,200	Equip/Vehicles/Furnishings	15,600	16,000	16,400	16,400	16,800	81,200
Total	Total	15,600	16,000	16,400	16,400	16,800	81,200

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
26,600	Vehicle Equipment Replacement Fund	16,000	16,400	29,000	16,400	16,800	94,600
Total	Total	16,000	16,400	29,000	16,400	16,800	94,600

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Library
Contact Library Director
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

Project #	L-2017-Book
Project Name	Bookmobile

Description	Total Project Cost: \$135,968
New Bookmobile	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	135,968					135,968
Total	135,968					135,968

Funding Sources	2017	2018	2019	2020	2021	Total
Grant	67,984					67,984
Other	13,597					13,597
Vehicle Equipment Replacement Fund	54,387					54,387
Total	135,968					135,968

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Northfield Area Fire & Rescu
Contact
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

Project #	F-2018-002
Project Name	Pumper #8115

Description	Total Project Cost: \$550,000
Replace pumper truck.	

Justification
Current truck is not reliable and past its useful life.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			550,000			550,000
Total			550,000			550,000

Funding Sources	2017	2018	2019	2020	2021	Total
Bonded Dollars			396,000			396,000
Other			154,000			154,000
Total			550,000			550,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2017-001
Project Name	2013 Ford Police Interceptor (1)

Description	Total Project Cost: \$36,000
Replacement of the 2013 Ford Police Interceptor (1)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	36,000					36,000
Total	36,000					36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund	36,000					36,000
Total	36,000					36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2017-002
Project Name	2013 Ford Police Interceptor (6)

Description	Total Project Cost: \$36,000
Replacement of the 2013 Ford Police Interceptor (6)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	36,000					36,000
Total	36,000					36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund	36,000					36,000
Total	36,000					36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2017-003
Project Name	2008 Ford Expedition (17)

Description	Total Project Cost: \$29,000
Replacement of the 2008 Ford Expedition (17)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	29,000					29,000
Total	29,000					29,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund	29,000					29,000
Total	29,000					29,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2017-004
Project Name	2010 Chrysler Grand Caravan (14)

Description	Total Project Cost: \$25,000
Replacement of the 2010 Chrysler Grand Caravan (14)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	25,000					25,000
Total	25,000					25,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund	25,000					25,000
Total	25,000					25,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2018-001
Project Name	2014 Ford Police Interceptor (3)

Description	Total Project Cost: \$36,000
Replacement of the 2014 Ford Police Interceptor (3)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		36,000				36,000
Total		36,000				36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		36,000				36,000
Total		36,000				36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2018-002
Project Name	2014 Ford Police Interceptor SUV (4)

Description	Total Project Cost: \$36,000
Replacement of the 2014 Ford Police Interceptor SUV (4)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		36,000				36,000
Total		36,000				36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		36,000				36,000
Total		36,000				36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2018-003
Project Name	2013 Ford Police Interceptor (7)

Description	Total Project Cost: \$36,000
Replacement of the 2013 Ford Police Interceptor (7)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		36,000				36,000
Total		36,000				36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		36,000				36,000
Total		36,000				36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2018-004
Project Name	2013 Ford Police Interceptor (8)

Description	Total Project Cost: \$36,000
Replacement of the 2013 Ford Police Interceptor (8)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		36,000				36,000
Total		36,000				36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		36,000				36,000
Total		36,000				36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category IT Projects/Equipment

Project #	PD-2018-CAM
Project Name	Police Body Camera's

Description	Total Project Cost: \$52,005
Body Camera Systems and related Data Storage. 11 Watchguard body cameras, chargers, docking stations, and related software updates.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		52,005				52,005
Total		52,005				52,005

Funding Sources	2017	2018	2019	2020	2021	Total
IT		52,005				52,005
Total		52,005				52,005

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2019-001
Project Name	2010 Ford F-150 (10)

Description	Total Project Cost: \$30,000
Replacment of the 2010 Ford F-150 (10)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			30,000			30,000
Total			30,000			30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund			30,000			30,000
Total			30,000			30,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project # PD-2019-002
Project Name 2012 Ford Police Interceptor (11)

Description **Total Project Cost: \$28,000**
 Replacement of the 2012 Ford Police Interceptor (11)

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			28,000			28,000
Total			28,000			28,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund			28,000			28,000
Total			28,000			28,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2020-001
Project Name	2015 Dodge Grand Caravan (12)

Description	Total Project Cost: \$25,000
Replacement of the 2015 Dodge Grand Caravan (12)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				25,000		25,000
Total				25,000		25,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				25,000		25,000
Total				25,000		25,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2020-002
Project Name	2015 Ford Taurus (13)

Description	Total Project Cost: \$28,000
Replacement of the 2015 Ford Taurus (13)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				28,000		28,000
Total				28,000		28,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				28,000		28,000
Total				28,000		28,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life 4 years
Category Capital Equipment Plan (CEP)

Project #	PD-2020-003
Project Name	2016 Ford Police Interceptor SUV (15)

Description	Total Project Cost: \$36,000
Replacement of the 2016 Ford Police Interceptor SUV (15)	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				36,000		36,000
Total				36,000		36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				36,000		36,000
Total				36,000		36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

Project #	PD-2021-001
Project Name	Interceptor SUV (2)

Description	Total Project Cost: \$36,000

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					36,000	36,000
Total					36,000	36,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund					36,000	36,000
Total					36,000	36,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

Project #	PD-2021-002
Project Name	Interceptor SUV (5)

Description	Total Project Cost: \$36,000

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					36,000	36,000
Total					<u>36,000</u>	<u>36,000</u>

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund					36,000	36,000
Total					<u>36,000</u>	<u>36,000</u>

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

Project #	PD-2021-003
Project Name	Interceptor SUV (9)

Description	Total Project Cost: \$36,000

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					36,000	36,000
Total					<u>36,000</u>	<u>36,000</u>

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund					36,000	36,000
Total					<u>36,000</u>	<u>36,000</u>

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Recreation Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	PR-507-8667
Project Name	2007 Zamboni 540 Ice Resurfacer

Description	Total Project Cost: \$137,000
Replacement of the 2007 Zamboni 540 Ice Resurfacer	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	137,000					137,000
Total	137,000					137,000

Funding Sources	2017	2018	2019	2020	2021	Total
Grant	50,000					50,000
Vehicle Equipment Replacement Fund	65,000					65,000
Vehicle Trade In	22,000					22,000
Total	137,000					137,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Stormwater Division
Contact Public Works Director
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

Project #	SW-2017-RAM
Project Name	2003 Dodge Ram

Description	Total Project Cost: \$25,000
2003 Dodge Ram	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	25,000					25,000
Total	25,000					25,000

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

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project # PR-707-0833
Project Name 2007 Toro Workman Utility Vehicle

Description **Total Project Cost:** \$22,000
 Replacement of the 2007 Toro Workman Utility Vehicle

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	22,000					22,000
Total	22,000					22,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund	22,000					22,000
Total	22,000					22,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	PR-707-3434
Project Name	2007 Chevy 2500 Pickup

Description	Total Project Cost: \$30,000
Replacement of the 2007 Chevy 2500 Pickup	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		30,000				30,000
Total		30,000				30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		30,000				30,000
Total		30,000				30,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division

Contact

Type Equipment

Useful Life 10 years

Category Capital Equipment Plan (CEP)

Project #	ST-2000-3500
Project Name	2000 GMC 3500 Pickup

Description	Total Project Cost: \$35,000

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	35,000					35,000
Total	35,000					35,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund	35,000					35,000
Total	35,000					35,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division

Contact

Type Equipment

Useful Life

Category Capital Equipment Plan (CEP)

Project #	ST-2020- S10
Project Name	1999 Chevy S10

Description	Total Project Cost: \$31,500
The 1999 Chevy S10 is typically used by seasonal staff, but is occasionally used by full time staff when other vehicles are not available.	

Justification
Maintenance costs for this truck will increase if it is not replaced, causing a need to increase the maintenance budget of the street department. Also, the reliability of the vehicle will decrease, along with the availability.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				31,500		31,500
Total				31,500		31,500

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				31,000		31,000
Vehicle Trade In				500		500
Total				31,500		31,500

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	ST-209-0452
Project Name	2009 Ford F-250

Description	Total Project Cost: \$30,000
Replacement of the 2009 Ford F-250	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		30,000				30,000
Total		30,000				30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		30,000				30,000
Total		30,000				30,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	ST-209-0453
Project Name	2009 Ford F-250

Description	Total Project Cost: \$30,000
Replacement of the 2009 Ford F-250	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			30,000			30,000
Total			30,000			30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund			30,000			30,000
Total			30,000			30,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	ST-211-8346
Project Name	2011 Ford F-250

Description	Total Project Cost: \$30,000
Replacement of the 2011 Ford F-250	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				30,000		30,000
Total				30,000		30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				30,000		30,000
Total				30,000		30,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	ST-211-8347
Project Name	2011 Ford F-250

Description	Total Project Cost: \$30,000
Replacement of the 2011 Ford F-250	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					30,000	30,000
Total					30,000	30,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund					30,000	30,000
Total					30,000	30,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project #	ST-305-6625
Project Name	2006 Sterling Dump Truck

Description	Total Project Cost: \$150,000
Replacement of the 2006 Sterling Dump Truck	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				150,000		150,000
Total				150,000		150,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund				150,000		150,000
Total				150,000		150,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project #	ST-305-7758
Project Name	2006 Ford Water Truck

Description	Total Project Cost: \$100,000
Replacement of the 2006 Ford Water Truck	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					100,000	100,000
Total					100,000	100,000

Funding Sources	2017	2018	2019	2020	2021	Total
Garbage Fund					40,000	40,000
Stormwater Fund					60,000	60,000
Total					100,000	100,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project # ST-400-6393
Project Name 2000 Case 580 Super L Backhoe

Description **Total Project Cost:** \$90,000
 Replacement of the 2000 Case 580 Super L Backhoe

Justification
 The 2000 Case Backhoe, originally was slated for replacement in 2015, was pushed back to 2022 because of the light use and low hours. Per examination in 2016 of the undercarriage, there is extensive rusing of the hydraulic lines and hydraulic pumps. This is likely due to mixing of salt for winter ice removal operations. It is recommended this backhoe be replaced in 2018 to forego expensive maintenance associated with hydraulic line and pump replacement, which could easily exceed \$15,000, and take the backhoe out of operation for an extended period of time. Also with the City's increase in stormwater maintenance activities, this backhoe will need to be relied upon more heavily in the near future.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		90,000				90,000
Total		90,000				90,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		30,000				30,000
Waste Water Fund		30,000				30,000
Water Fund		30,000				30,000
Total		90,000				90,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project # ST-402-1086
Project Name 2002 Caterpillar 938G Front End Loader

Description **Total Project Cost: \$175,000**
 Replacement of the 2002 Caterpillar 938G Front End Loader

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		175,000				175,000
Total		<u>175,000</u>				<u>175,000</u>

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund		70,000				70,000
Waste Water Fund		105,000				105,000
Total		<u>175,000</u>				<u>175,000</u>



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 5 years
Category Capital Equipment Plan (CEP)

Project # ST-411-2325
Project Name 2011 Elgin Pelican NP Street Sweeper

Description **Total Project Cost:** \$135,000
 Replacement of the 2011 Elgin Pelican NP Street Sweeper

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	135,000					135,000
Total	135,000					135,000

Funding Sources	2017	2018	2019	2020	2021	Total
Stormwater Fund	135,000					135,000
Total	135,000					135,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 25 years
Category Capital Equipment Plan (CEP)

Project #	ST-491-7720
Project Name	1991 Caterpillar 140G Motor Grader

Description	Total Project Cost: \$175,000
Replacement of the 1991 Caterpillar 140G Motor Grader	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			175,000			175,000
Total			175,000			175,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund			175,000			175,000
Total			175,000			175,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project # ST-707-0226
Project Name 2007 Toro 580D Mower 16'

Description **Total Project Cost: \$98,000**
 Replacement of the 2007 Toro 580D Mower 16'

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	98,000					98,000
Total	98,000					98,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund	98,000					98,000
Total	98,000					98,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	ST-709-0102
Project Name	2009 Toro 4100D Mower 10'

Description	Total Project Cost: \$45,000
Replacement of the 2009 Toro 4100D Mower 10'	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			45,000			45,000
Total			45,000			45,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund			45,000			45,000
Total			45,000			45,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Street Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	ST-711-1598
Project Name	2011 Toro 5900 Mower 16'

Description	Total Project Cost: \$80,000
Replacement of the 2011 Toro 5900 Mower 16'	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					80,000	80,000
Total					80,000	80,000

Funding Sources	2017	2018	2019	2020	2021	Total
Vehicle Equipment Replacement Fund					80,000	80,000
Total					80,000	80,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2017 - 07
Project Name	BAF Frames and Stop Logs

Description	Total Project Cost: \$60,000
BAF Frames and Stop Logs	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Construction/Maintenance	60,000					60,000
Total	60,000					60,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund	60,000					60,000
Total	60,000					60,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2017-001
Project Name	Replacement of 2006 Ford F-350

Description	Total Project Cost: \$40,000
Replacement of 2006 Ford F-350 utility pickup (WW-806-3094) for Wastewater Division.	

Justification
Benchmark for replacement of light trucks is 10 years/100,000 miles. Replace the hoist as well.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	40,000					40,000
Total	40,000					40,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund	40,000					40,000
Total	40,000					40,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

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

Project # WW-2018-001
Project Name Replacement of 2007 Chevy Colorado

Description **Total Project Cost: \$25,000**
 Replacement of 2007 Chevy Colorado pickup (WW-807-0000) for Wastewater Division.

Justification
 Benchmark for replacement of light trucks is 10 years/100,000 miles.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		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 Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	WW-2019-001
Project Name	Replacement of 2001 Ford E-450 TV Van

Description	Total Project Cost: \$160,000
Replacement of 2001 Ford E-450 TV van (WW-201-3814) for Wastewater Division.	

Justification
Benchmark for replacement of the TV is 10 years/100,000 miles. A major software and electronics upgrade was completed in 2009 to extend the life of this truck, thus pushing its lift to nearly 20 years. Vehicle is only used during the summer months.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings			160,000			160,000
Total			160,000			160,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water 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 Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	WW-2020-001
Project Name	Replacement of 2009 Sterling Jet Vac Truck

Description	Total Project Cost: \$300,000
Replacement of 2009 Sterling jet vac truck (WW-209-6669) for Wastewater Division.	

Justification
Benchmark for replacement of the jet vac is 10 years. Vehicle is only primarily during non-winter months.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				300,000		300,000
Total				300,000		300,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund				300,000		300,000
Total				300,000		300,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

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

Project #	WW-2021-001
Project Name	Replacement of 2011 JCB Utility Machine

Description	Total Project Cost: \$90,000
Replacement of 2011 JCB utility machine (WW-511-6693) for Wastewater Division.	

Justification
Benchmark for replacement of the utility machine is 10 years.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					90,000	90,000
Total					90,000	90,000

Funding Sources	2017	2018	2019	2020	2021	Total
Waste Water Fund					90,000	90,000
Total					90,000	90,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Water Division

Contact

Type Equipment

Useful Life

Category Capital Equipment Plan (CEP)

Project #	W-2017-S10
Project Name	2001 Chevy S10

Description	Total Project Cost: \$30,000
2001 Chevy S10	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings	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 Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	W-2018-002
Project Name	Replacement of 1998 Chevy 2500 Pickup Truck

Description	Total Project Cost: \$35,000
Replacement of 1998 Chevy 2500 pickup (WT-298-2389) for Water Division.	

Justification
Benchmark for replacement of light trucks is 10 years/100,000 miles. This truck has an extended life as it is used on a limited basis. It has a the plow, hoist, and valve wrench installed. Plow and hoist would also be replaced.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		35,000				35,000
Total		35,000				35,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund		35,000				35,000
Total		35,000				35,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 15 years
Category Capital Equipment Plan (CEP)

Project #	W-2018-003
Project Name	2009 Wachs Valve Wrench

Description	Total Project Cost: \$15,000
Replace the 2009 Wachs Valve Wrench.	

Justification

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		15,000				15,000
Total		15,000				15,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund		15,000				15,000
Total		15,000				15,000

Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Water Division
Contact Public Works Director
Type New Infrastructure
Useful Life
Category Capital Equipment Plan (CEP)

Project # W-2018-004
Project Name Well 5 Generator (200 kW)

Description **Total Project Cost: \$80,000**
 Purchase a new generator for well no. 05 that is a 200 kW.

Justification
 The current portable generator at well no. 05 is used for both the wastewater lift station and well no 05. The well needs its own generator for proper functionality with the lift station being a higher priority than the well for the portable.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings		80,000				80,000
Total		80,000				80,000

Funding Sources	2017	2018	2019	2020	2021	Total
Water Fund		80,000				80,000
Total		80,000				80,000



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project #	W-2020-001
Project Name	Replacement of 2010 Ford F-150 Pickup Truck

Description	Total Project Cost: \$25,000
Replacement of 2010 Ford F-150 pickup (WT-210-8025) for Water Division.	

Justification
Benchmark for replacement of light trucks is 10 years/100,000 miles.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings				25,000		25,000
Total				25,000		25,000

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



Capital Equipment Plan
City of Northfield, Minnesota

2017 *thru* 2021

Department Water Division
Contact Public Works Director
Type Equipment
Useful Life 10 years
Category Capital Equipment Plan (CEP)

Project # W-2021-001
Project Name Replacement of 2010 Ford F-150 Pickup Truck

Description **Total Project Cost:** \$25,000
 Replacement of 2010 Ford F-150 pickup (WT-210-5911) for Water Division.

Justification
 Benchmark for replacement of light trucks is 10 years/100,000 miles.

Expenditures	2017	2018	2019	2020	2021	Total
Equip/Vehicles/Furnishings					25,000	25,000
Total					25,000	25,000

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

