

2018-2022

Capital
Equipment
Plan



City of Northfield, Minnesota

Capital Equipment Plan

2018 thru 2022

PROJECTS BY FUNDING SOURCE

Source	Project #	2018	2019	2020	2021	2022	Total
Bonded Dollars							
Pumper #8115	F-2018-002		432,000				432,000
Bonded Dollars Total			432,000				432,000
Garbage Fund							
2006 Ford Water Truck	ST-305-7758					56,000	56,000
Garbage Fund Total						56,000	56,000
IT							
Police Body Camera's	PD-2018-CAM		55,250				55,250
IT Total			55,250				55,250
Other							
Pumper #8115	F-2018-002		168,000				168,000
Other Total			168,000				168,000
Stormwater Fund							
2006 Ford Water Truck	ST-305-7758					84,000	84,000
Stormwater Fund Total						84,000	84,000
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
Election Equipment	F-2018-003	87,200					87,200
Facilities Division Truck Replacement	F-2019-001		25,000				25,000
Facilities Division Cargo Van Replacement	F-2021-001				22,000		22,000
2014 Ford Police Interceptor (3)	PD-2018-001	36,000					36,000
2013 Ford Police Interceptor (8)	PD-2018-002	36,000					36,000
2010 Ford F-150 (10)	PD-2018-003	36,000					36,000
2013 Ford Police Interceptor (7)	PD-2019-001		36,000				36,000
2014 Ford Police Interceptor SUV (4)	PD-2019-002		36,000				36,000
2012 Ford Police Interceptor (11)	PD-2019-003		33,000				33,000
2016 Ford Police Interceptor SUV (2)	PD-2020-001			36,000			36,000
Ford Police Interceptor SUV (5)	PD-2020-002			36,000			36,000
Police Ford Interceptor SUV (9)	PD-2020-003			36,000			36,000
2015 Dodge Grand Caravan (12)	PD-2021-001				25,000		25,000
2015 Ford Taurus (13)	PD-2021-002				31,000		31,000

Source	Project #	2018	2019	2020	2021	2022	Total
2016 Ford Police Interceptor SUV (15)	PD-2021-003				36,000		36,000
2017 Ford Police Interceptor SUV (1)	PD-2022-001					36,000	36,000
2017 Ford Police Interceptor SUV (6)	PD-2022-002					36,000	36,000
2017 Police ford Interceptor SUV (17)	PD-2022-003					36,000	36,000
2007 Chevy 2500 Pickup	PR-707-3434	30,000					30,000
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					39,000	39,000
2012 Ford F-250	ST-212-8757					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
2009 Toro 4100D Mower 10'	ST-709-0102		45,000				45,000
2011 Toro 5900 Mower 16'	ST-711-1598				95,000		95,000
Transit Bus Share	Transit Bus	16,200	16,600	17,000	17,600		67,400
Vehicle Equipment Replacement Fund Total		402,400	396,600	353,000	250,600	177,000	1,579,600
Vehicle Trade In							
Building Inspection Truck Replacement	BI-2021-001			6,000			6,000
1999 Chevy S10	ST-2020- S10	500					500
Vehicle Trade In Total		500		6,000			6,500
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
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		160,000	160,000	300,000	90,000		710,000
Water Fund							
2000 Case 580 Super L Backhoe	ST-400-6393	30,000					30,000
Replacement of 1998 Chevy 2500 Pickup Truck	W-2018-002	40,000					40,000
2009 Wachs Valve Wrench	W-2018-003	25,000					25,000
Well 5 Generator (200 kW)	W-2018-004	120,000					120,000
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
Replacement of 2012 Ford F-150 Pickup Truck	W-2022-001					25,000	25,000
Water Fund Total		215,000		25,000	25,000	25,000	290,000
GRAND TOTAL		777,900	1,211,850	684,000	365,600	342,000	3,381,350

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			30,000			30,000
Total			30,000			30,000

Funding Sources	2018	2019	2020	2021	2022	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

2018 *thru* 2022

Department City Facilities
Contact City Administrator
Type Equipment
Useful Life
Category Capital Equipment Plan (CEP)

Project #	F-2018-003
Project Name	Election Equipment

Description	Total Project Cost: \$87,200
Upgrade of election equipment	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	87,200					87,200
Total	87,200					87,200

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	87,200					87,200
Total	87,200					87,200

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		25,000				25,000
Total		25,000				25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund		25,000				25,000
Total		25,000				25,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				22,000		22,000
Total				22,000		22,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				22,000		22,000
Total				22,000		22,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			24,000			24,000
Total			24,000			24,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			24,000			24,000
Total			24,000			24,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				24,000		24,000
Total				24,000		24,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				24,000		24,000
Total				24,000		24,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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: \$111,400
This allocation describes the City's share of the transit service.	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	16,200	16,600	17,000	16,800		66,600
Total	16,200	16,600	17,000	16,800		66,600

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	16,200	16,600	17,000	17,600		67,400
Total	16,200	16,600	17,000	17,600		67,400

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

Department Northfield Area Fire & Rescu

Contact

Type Equipment

Useful Life

Category Capital Equipment Plan (CEP)

Project # F-2018-002

Project Name Pumper #8115

Total Project Cost: \$600,000

Description

Replace pumper truck.

Justification

Current truck is not reliable and past its useful life.

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		600,000				600,000
Total		600,000				600,000

Funding Sources	2018	2019	2020	2021	2022	Total
Bonded Dollars		432,000				432,000
Other		168,000				168,000
Total		600,000				600,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	36,000					36,000
Total	36,000					36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	36,000					36,000
Total	36,000					36,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2018-002
Project Name	2013 Ford Police Interceptor (8)

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

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	36,000					36,000
Total	36,000					36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	36,000					36,000
Total	36,000					36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2018-003
Project Name	2010 Ford F-150 (10)

Description	Total Project Cost: \$36,000
Replacment of the 2010 Ford F-150 (10)	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	36,000					36,000
Total	36,000					36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	36,000					36,000
Total	36,000					36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

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

Description	Total Project Cost: \$55,250
Body Camera Systems and related Data Storage. 11 Watchguard body cameras, chargers, docking stations, and related software updates.	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		55,250				55,250
Total		55,250				55,250

Funding Sources	2018	2019	2020	2021	2022	Total
IT		55,250				55,250
Total		55,250				55,250

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2019-001
Project Name	2013 Ford Police Interceptor (7)

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

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		36,000				36,000
Total		36,000				36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund		36,000				36,000
Total		36,000				36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2019-002
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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		36,000				36,000
Total		36,000				36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund		36,000				36,000
Total		36,000				36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2019-003
Project Name	2012 Ford Police Interceptor (11)

Description	Total Project Cost: \$33,000
Replacement of the 2012 Ford Police Interceptor (11)	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		33,000				33,000
Total		33,000				33,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund		33,000				33,000
Total		33,000				33,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2020-001
Project Name	2016 Ford Police Interceptor SUV (2)

Description	Total Project Cost: \$36,000
Justification	

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			36,000			36,000
Total			36,000			36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			36,000			36,000
Total			36,000			36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project # PD-2020-002
Project Name Ford Police Interceptor SUV (5)

Description

Total Project Cost: \$36,000

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			36,000			36,000
Total			36,000			36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			36,000			36,000
Total			36,000			36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2020-003
Project Name	Police Ford Interceptor SUV (9)

Description	Total Project Cost: \$36,000
Justification	

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			36,000			36,000
Total			36,000			36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			36,000			36,000
Total			36,000			36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2021-001
Project Name	2015 Dodge Grand Caravan (12)

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

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				25,000		25,000
Total				25,000		25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				25,000		25,000
Total				25,000		25,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2021-002
Project Name	2015 Ford Taurus (13)

Description	Total Project Cost: \$31,000
Replacement of the 2015 Ford Taurus (13)	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				31,000		31,000
Total				31,000		31,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				31,000		31,000
Total				31,000		31,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	PD-2021-003
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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				36,000		36,000
Total				36,000		36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				36,000		36,000
Total				36,000		36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police

Contact

Type Unassigned

Useful Life

Category Capital Equipment Plan (CEP)

Project # PD-2022-001

Project Name 2017 Ford Police Interceptor SUV (1)

Total Project Cost: \$36,000

Description

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings					36,000	36,000
Total					36,000	36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund					36,000	36,000
Total					36,000	36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # PD-2022-002

Project Name 2017 Ford Police Interceptor SUV (6)

Total Project Cost: \$36,000

Description

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings					36,000	36,000
Total					36,000	36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund					36,000	36,000
Total					36,000	36,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Police

Contact

Type Unassigned

Useful Life

Category Unassigned

Project # PD-2022-003
Project Name 2017 Police ford Interceptor SUV (17)

Description

Total Project Cost: \$36,000

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings					36,000	36,000
Total					36,000	36,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund					36,000	36,000
Total					36,000	36,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	30,000					30,000
Total	30,000					30,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	30,000					30,000
Total	30,000					30,000



Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

Department Street Division

Contact

Type Equipment

Useful Life

Category Capital Equipment Plan (CEP)

Project # ST-2020- S10

Project Name 1999 Chevy S10

Total Project Cost: \$31,500

Description

The 1999 Chevy S10 will be replaced with a full size pickup.

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	31,500					31,500
Total	31,500					31,500

Funding Sources	2018	2019	2020	2021	2022	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

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	30,000					30,000
Total	30,000					30,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	30,000					30,000
Total	30,000					30,000



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		30,000				30,000
Total		30,000				30,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund		30,000				30,000
Total		30,000				30,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			30,000			30,000
Total			30,000			30,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			30,000			30,000
Total			30,000			30,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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: \$39,000
Replacement of the 2011 Ford F-250	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings					39,000	39,000
Total					39,000	39,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund					39,000	39,000
Total					39,000	39,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	ST-212-8757
Project Name	2012 Ford F-250

Description	Total Project Cost: \$30,000
Replacement of the 2012 Ford F-250	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings					30,000	30,000
Total					30,000	30,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund					30,000	30,000
Total					30,000	30,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			150,000			150,000
Total			150,000			150,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			150,000			150,000
Total			150,000			150,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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: \$140,000
Replacement of the 2006 Ford Water Truck	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings					140,000	140,000
Total					140,000	140,000

Funding Sources	2018	2019	2020	2021	2022	Total
Garbage Fund					56,000	56,000
Stormwater Fund					84,000	84,000
Total					140,000	140,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	90,000					90,000
Total	90,000					90,000

Funding Sources	2018	2019	2020	2021	2022	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

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	175,000					175,000
Total	175,000					175,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	70,000					70,000
Waste Water Fund	105,000					105,000
Total	175,000					175,000



Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		175,000				175,000
Total		175,000				175,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund		175,000				175,000
Total		175,000				175,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		45,000				45,000
Total		45,000				45,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund		45,000				45,000
Total		45,000				45,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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: \$95,000
Replacement of the 2011 Toro 5900 Mower 16'	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				95,000		95,000
Total				95,000		95,000

Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				95,000		95,000
Total				95,000		95,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater 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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	25,000					25,000
Total	25,000					25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Waste Water Fund	25,000					25,000
Total	25,000					25,000



Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater 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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		160,000				160,000
Total		160,000				160,000

Funding Sources	2018	2019	2020	2021	2022	Total
Waste Water Fund		160,000				160,000
Total		160,000				160,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater 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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			300,000			300,000
Total			300,000			300,000

Funding Sources	2018	2019	2020	2021	2022	Total
Waste Water Fund			300,000			300,000
Total			300,000			300,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

Department Wastewater 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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				90,000		90,000
Total				90,000		90,000

Funding Sources	2018	2019	2020	2021	2022	Total
Waste Water Fund				90,000		90,000
Total				90,000		90,000

Capital Equipment Plan
City of Northfield, Minnesota

2018 *thru* 2022

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: \$40,000
Replacement of 1998 Chevy 2500 pickup (WT-298-2389) for Water Division. A new plow will be purchased with this as well.	

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	40,000					40,000
Total	40,000					40,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund	40,000					40,000
Total	40,000					40,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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: \$25,000
Replace the 2009 Wachs Valve Wrench.	

Justification

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	25,000					25,000
Total	25,000					25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund	25,000					25,000
Total	25,000					25,000

Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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: \$120,000

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings	120,000					120,000
Total	120,000					120,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund	120,000					120,000
Total	120,000					120,000



Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			25,000			25,000
Total			25,000			25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund			25,000			25,000
Total			25,000			25,000



Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				25,000		25,000
Total				25,000		25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund				25,000		25,000
Total				25,000		25,000



Capital Equipment Plan

City of Northfield, Minnesota

2018 *thru* 2022

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

Project #	W-2022-001
Project Name	Replacement of 2012 Ford F-150 Pickup Truck

Description	Total Project Cost: \$25,000
Replacement of 2012 Ford F-150 pickup (WT-212-7042) for Water Division.	

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

Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings					25,000	25,000
Total					25,000	25,000

Funding Sources	2018	2019	2020	2021	2022	Total
Water Fund					25,000	25,000
Total					25,000	25,000