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 Tota			432,000				432,000
Garbage Fund	-						
2006 Ford Water Truck	ST-305-7758					56,000	56,000
Garbage Fund Tota	I					56,000	56,000
IT	_						
Police Body Camera's	PD-2018-CAM		55,250				55,250
IT Tota			55,250				55,250
Other	_						
Pumper #8115	F-2018-002		168,000				168,000
Other Tota			168,000				168,000
Stormwater Fund	Ī						
2006 Ford Water Truck	ST-305-7758					84,000	84,000
Stormwater Fund Tota	l					84,000	84,000
Vehicle Equipment Replacement Fun	d						
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		10,000		95,000		95,000
Transit Bus Share	Transit Bus	16,200	16,600	17,000	17,600		67,400
Vehicle Equipment Replacement Func Tota		402,400	396,600	353,000	250,600	177,000	1,579,600
Vehicle Trade In	1						
Building Inspection Truck Replacement	BI-2021-001			6,000			6,000
1999 Chevy S10	ST-2020- S10	500		0,000			500
Vehicle Trade In Tota		500		6,000			6,500
venicie fraue în fota	1			0,000			0,000
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 Tota	1	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	120,000		25,000			25,000
Replacement of 2010 Ford F-150 Pickup Truck	W-2021-001			20,000	25,000		25,000
Replacement of 2012 Ford F-150 Pickup Truck	W-2022-001				20,000	25,000	25,000
Water Fund Tota	1	215,000		25,000	25,000	25,000	290,000
		777 000	1 211 050	604 000	265 400	242 000	2 201 DEA
GRAND TOTAI		777,900	1,211,850	684,000	365,600	342,000	3,381,350

Produced Using the Plan-It Capital Planning Software

Capital Equipment Plan

Description

City of Northfield, Minnesota

Project # **BI-2021-001**

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

Project Name Building Inspection Truck Replacement

Department Building Inspections Contact

Type Equipment

Useful Life

Total Project Cost: \$30,000

Category Capital Equipment Plan (CEP

This CEP item will replace the 2010 Ford Ranger BI-210-3062. This is a standard vehicle replacement. Justification

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

2018 thru 2022

Capital	Equipment Plan				2018	thru 2022		
-	Northfield, Minn	Acota					Department	City Facilities
		esola					Contact	City Administrator
Project #	F-2018-003						Туре	Equipment
Project Nam	^{ne} Election Equipme	nt					Useful Life	
	Election Equipme						Category	Capital Equipment Plan (CEP
Descriptio	n]				Total	Project Cost:	\$87,200
Upgrade of e	election equipment							
		-						
Justificatio	on							
	Expenditures		2018	2019	2020	2021	2022	Total
-	Equip/Vehicles/Furnishing	js	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

2018 thru 2022

25,000

Department City Facilities City of Northfield, Minnesota Contact Public Works Director Type Equipment Project # F-2019-001 Useful Life 10 years Project Name Facilities Division Truck Replacement Category Capital Equipment Plan (CEP Total Project Cost: \$25,000 Description 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 25,000 25,000 Total **Funding Sources** 2018 2019 2020 2021 2022 Total Vehicle Equipment 25,000 25,000 Replacement Fund

25,000

2018 thru 2022

City of Northfield, Minnesota

Project #F-2021-001Project NameFacilities Division Cargo Van Replacement

DepartmentCity FacilitiesContactPublic Works DirectorTypeEquipmentUseful Life10 years

Description				Total]	Project Cost:	\$22,000
Replacement of 2011 Ford Transit Van (FC-211-0843) for 1	Facilities Divisi	on.			
Justification						
Benchmark for replacement of light truck	ks is 10 years/100,0	000 miles.				
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings				22,000		22,000
Τα	otal			22,000		22,000
Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				22,000		22,000

2018 thru 2022

City of Northfield, Minnesota Contact Public Works Director Type Equipment Project # E-2020-001 Useful Life 10 years Project Name Engineering Division Truck Replacement Total Project Cost: \$24,000 Description 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. 2020 Expenditures 2018 2019 2021 2022 Total Equip/Vehicles/Furnishings 24,000 24,000 24,000 24,000 Total

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

Department Engineering Division

2018 thru 2022

City of Northfield, Minnesota Contact Public Works Director Type Equipment Project # E-2021-001 Useful Life 10 years Project Name Engineering Division Truck Replacement Total Project Cost: \$24,000 Description 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 24,000 24,000 Total

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

Department Engineering Division

2018 thru 2022

Total Project Cost: \$111,400

City of N	Northfield, Minnesota		Hiawathaland Transit Public Works Director
Project #	Transit Bus	Туре	Equipment
Project Nome		Useful Life	15 years
r toject Name	Transit Bus Share	Category	Capital Equipment Plan (CEP

Description					Total F	Project Cost:	\$111,400
This allocation describes the City's	s share of the	e transit servic	e.				
Justification							
Expenditures		2018	2019	2020	2021	2022	Total
r		2010	-01/	2020		2022	Iotai
Equip/Vehicles/Furnis	hings	16,200	16,600	17,000	16,800	2022	66,600
	hings Total					2022	
	-	16,200	16,600	17,000	16,800		66,600
	-	16,200	16,600	17,000	16,800		66,600
	-	16,200	16,600	17,000	16,800		66,600
	Total	16,200	16,600	17,000	16,800	2022	66,600
Equip/Vehicles/Furnis	Total	16,200 16,200	16,600 16,600	17,000 17,000	16,800 16,800		66,600 66,600

Capital	Equipment Plan			2018	thru 2022		
City of]	Northfield, Minne	esota				Department Contact	Northfield Area Fire & Rescu
Project #	F-2018-002					Туре	Equipment
Project Nam	^e Pumper #8115					Useful Life	
	i uniper #erre					Category	Capital Equipment Plan (CEP
Descriptio	n				Total	Project Cost:	\$600,000
Replace pun	nper truck.						
Justificatio							
Current truck	k is not reliable and past its	s useful life.					
	Expenditures	2018	2019	2020	2021	2022	Total
-	Equip/Vehicles/Furnishing	S	600,000				600,000
	נ	Fotal	600,000				600,000
	Funding Sources	2019	2010	2020	2021	2022	Total
	Funding Sources Bonded Dollars	2018	2019	2020	2021	2022	Total 432,000
	Other		432,000 168,000				432,000 168,000
		Total	600,000				600,000
		1000					

Capital Equipment Plan	2018 thru 2022	
City of Northfield Minnasota	Department	Police
City of Northfield, Minnesota	Contact	Police Chief
Project # PD-2018-001	Туре	Equipment
	Useful Life	4 years
Project Name 2014 Ford Police Interceptor (3	Category	Capital Equipment Plan (CEP
Description	Total Project Cost:	\$36,000
Replacement of the 2014 Ford Police Interceptor (3)		
Justification		

Expenditures		2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnish	nings	36,000					36,000
	Total	36,000					36,000
Funding Sources		2018	2019	2020	2021	2022	Total
Funding Sources Vehicle Equipment Replacement Fund		2018 36,000	2019	2020	2021	2022	Total 36,000

Capital Equipment Plan City of Northfield, Minnesota	2018 <i>thru</i> 2022 Department Police Contact Police Chief
Project #PD-2018-002Project Name2013 Ford Police Interceptor (8)	Type Equipment Useful Life 4 years Category Capital Equipment Plan (CEP)
Description Replacement of the 2013 Ford Police Interceptor (8)	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
Funding Sources Vehicle Equipment Replacement Fund		2018 36,000	2019	2020	2021	2022	Total 36,000

Capital 1	Equipment Plan			2018	thru 2022		
City of I	Northfield, Minnesot	a				Department	Police Police Chief
Project #	PD-2018-003						Equipment
Project Nam	e 2010 Ford F-150 (10)					Useful Life	4 years Capital Equipment Plan (CEP
						<u> </u>	
Descriptio	n				Total	Project Cost:	\$36,000
Replacment	of the 2010 Ford F-150 (10)						
Justificatio	n						
	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

2018 thru 2022

City of Northfield, Minnesota	Department Police Contact Police Chief
Project #PD-2018-CAMProject NamePolice Body Camera's	Type Equipment Useful Life Category Category Capital Equipment Plan (CEF
Description	Total Project Cost: \$55,250

ody Camera Systems and related Data S	torage. 11 Watch	iguard body car	neras, chargers	, docking statio	ns, and related	software updates.
Justification						
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		55,250				55,250
Tot	ดใ	55,250				55,250

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

2018 thru 2022

	an						
City of Northfield, N	Minnesota	nesota			Department	Police	
city of Norumeia, r	Ammesota		Contact			Police Chief	
Project # PD-2019-00	1				Туре	Equipment	
Project Name 2013 Ford P				Useful Life	4 years		
2013 Foru P	once interceptor (7)	Interceptor (7)			Category	Capital Equipment Plan (Cl	
Description				Total	Project Cost:	\$36,000	
-	Police Interceptor (7)						
Replacement of the 2013 Ford	Police Interceptor (7)						
Replacement of the 2013 Ford I		2010	2020	2021	2022	Total	
Replacement of the 2013 Ford I Justification Expenditures	2018	2019 36.000	2020	2021	2022	<u>Total</u> 36.000	
Replacement of the 2013 Ford I	2018	2019 36,000 36,000	2020	2021	2022	Total 36,000 36,000	

Funding Sources	2	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			36,000				36,000
	Total		36,000				36,000

Description

Justification

Expenditures		2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishi	ings		36,000				36,000
	Total		36,000				36,000
Funding Sources		2018	2019	2020	2021	2022	Total
Funding Sources Vehicle Equipment Replacement Fund		2018	2019 36,000	2020	2021	2022	Total 36,000

City of Northfield, Minnesota Project # PD-2019-002

Capital Equipment Plan

Project Name 2014 Ford Police Interceptor SUV (4)

Replacement of the 2014 Ford Police Interceptor SUV (4)

2018 *thru* 2022

DepartmentPoliceContactPolice ChiefTypeEquipment

Useful Life 4 years

Total Project Cost: \$36,000

2018 thru 2022

Project # PD-2019-003						
Description Replacement of the 2012 Ford Police Inte	\$33,000					
Justification						
Expenditures Equip/Vehicles/Furnishings	2018	2019 33,000	2020	2021	2022	Total 33,000
Το	tal	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	ı		2018	thru 2022		
City of Northfield, Min	nesota				Department Contact	Police Police Chief
Project #PD-2020-001Project Name2016 Ford Polic	e Interceptor SUV	7 (2)			Useful Life	Equipment Capital Equipment Plan (C
Description				Tota	l Project Cost:	\$36,000
Justification						
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnish	ngs Total		36,000 36,000			36,000 36,000
Funding Sources	2018	2019	2020 36,000	2021	2022	Total 36,000
Replacement Fund	Total		36,000			36,000

Capital	Equipment Pla	1	2018	thru 2022			
- City of	Northfield, Mir	masota				Department	Police
		mesota				Contact	Police Chief
Project #	PD-2020-002					Туре	Equipment
Project Nan	ne Ford Police Inte	rcontor SUV (5	5)			Useful Life	
	Foru I once mu		·)			Category	Capital Equipment Plan (CE
Descriptio	n				Tota	l Project Cost:	\$36,000
l							
Justificati	on						
	Expenditures	2018	2019	2020	2021	2022	Total
	Equip/Vehicles/Furnish	ings		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 1	Equipment Pla	n			2018	thru 2022			
City of I	Northfield, Mir	nesota					Department	Police	
		mesota					Contact	Police Chief	
Project #	PD-2020-003						Туре	Equipment	
Project Nam	Police Ford Inte	propher SI	V (0)				Useful Life		
110,0001.000	a Tonce Ford Ind		V (9)				Category	Capital Equipment Pla	n (CEP
Descriptio	n					Tota	l Project Cost:	\$36,000	
T									
Justificatio	n								
	Expenditures	20	018	2019	2020	2021	2022	Total	
-	Equip/Vehicles/Furnish	ings			36,000			36,000	
		Total			36,000			36,000	
	Funding Sources	2	2018	2019	2020	2021	2022	Total	
	Vehicle Equipment Replacement Fund				36,000			36,000	
		Total			36,000			36,000	

Capital Equipment Plan	2018 thru 2022		
City of Northfield, Minnesota		Department	Police
City of Norumeid, Winnesota		Contact	Police
Project # PD-2021-001		Туре	Equipr

Project Name 2015 Dodge Grand Caravan (12)

ContactPolice ChiefTypeEquipmentUseful Life4 years

Description	7			Total	Project Cost:	\$25,000
eplacement of the 2015 Dodge Gran	nd Caravan (12)					
Justification	7					
usuncation						
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishir		2017	2020	25,000	2022	25,000
	-			25,000		
	Total			23,000		25,000
	••••	• • • •				
Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund				25,000		25,000

Capital E	Equipment Plan			2018	thru 2022		
City of N	Northfield, Minn	esota				Department Contact	Police Police Chief
Project # Project Name	PD-2021-002 2015 Ford Taurus	s (13)				Useful Life	Equipment 4 years Capital Equipment Plan (CEF
Description Replacement	of the 2015 Ford Taurus	(13)			Total]	Project Cost:	\$31,000
Justification	a						
	Expenditures Equip/Vehicles/Furnishing	2018	2019	2020	2021 31,000	2022	Total 31,000
		с Гоtal			31,000		31,000

31,000

31,000

Produced Using the Plan-It Capital Planning Software

2018 thru 2022

Type Equipment Project # PD-2021-003 Useful Life 4 years Project Name 2016 Ford Police Interceptor SUV (15) Category Capital Equipment Plan (CEP Total Project Cost: \$36,000 Description Replacement of the 2016 Ford Police Interceptor SUV (15) Justification Expenditures 2018 2019 2020 2021 2022 Total Equip/Vehicles/Furnishings 36,000 36,000 36,000 36,000 Total **Funding Sources** 2018 2019 2020 2021 2022 Total Vehicle Equipment 36,000 36,000 Replacement Fund 36,000 36,000

Capital Equipment Plan

City of Northfield, Minnesota

Department Police Contact Police Chief

Capital	Equipment Pla	n			2018	thru 2022		
-	Northfield, Mir		L				Department Contact	
Project #	PD-2022-001							Unassigned
Project Nam	e 2017 Ford Polic	e Interc	eptor SUV	' (1)			Useful Life Category	Capital Equipment Plan (CE
						T-4-1	Desired Contr	\$27.000
Descriptio	n					1 otal	Project Cost:	\$36,000
T								
Justificatio	on							
	Expenditures		2018	2019	2020	2021	2022	Total
	Equip/Vehicles/Furnish	ings					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	1		2018	thru 2022		
City of Northfield, Min					Department Contact	Police
Project # PD-2022-002					Туре	Unassigned
Project Name 2017 Ford Police	e Interceptor SUV	7 (6)			Useful Life	
		(-)			Category	Unassigned
Description	-			Total	Project Cost:	\$36,000
Description					-	
Justification						
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishi	Total				36,000 36,000	36,000 36,000
					,	
Funding Sources	2018	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund	2018	2019	2020	2021	36,000	36,000
	Total				36,000	36,000

Capital Equipment Plan	ı		2018	thru 2022		
City of Northfield, Min					Department Contact	Police
Project # PD-2022-003					Туре	Unassigned
Project Name 2017 Police ford	l Interceptor SUV	(17)			Useful Life	Unassigned
						C
Description	7			Total	Project Cost:	\$36,000
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishi	ngs				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			2018	thru 2022		
City of	Northfield, Minneso	ota				Department	Street Division
						Contact	Public Works Director
Project #	PR-707-3434					Туре	Equipment
Project Nam	^{ne} 2007 Chevy 2500 Pick	aun				Useful Life	10 years
. .	2007 Chevy 2300 Fier	zup				Category	Capital Equipment Plan (CEP
Descriptio	m				Total	Project Cost:	\$30,000
Replacemen	t of the 2007 Chevy 2500 Pickt	up					
Justificatio	D n						
	Expenditures	2018	2019	2020	2021	2022	Total
-	Equip/Vehicles/Furnishings	30,000					30,000
	Tota	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



2018 thru 2022

31,500

City of Northfield, Minnes	Department	Street Division	
City of Norumeid, winnes	Contact		
Project # ST-2020- S10	Туре	Equipment	
	Useful Life		
Project Name 1999 Chevy S10	Category	Capital Equipment Plan (CEP	
Description	Total Project Cost:	\$31,500	
The 1999 Chevy S10 will be replaced wi	th 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
						04.000
Vehicle Equipment Replacement Fund	31,000					31,000

31,500

Capital I	Equipment Plan			2018	3 thru 2022		
-	Northfield, Minnesota					Department	Street Division
	vorumeiu, winnesote	L				Contact	Public Works Director
Project #	ST-209-0452					Туре	Equipment
Project Name	^e 2009 Ford F-250					Useful Life	10 years
	2007 FOIU F-230						Capital Equipment Plan (CEP
Description	1				Total	Project Cost:	\$30,000
Replacement	of the 2009 Ford F-250						
Justificatio	n						
Justificatio							
	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			2018	thru 2022		
City of]	Northfield, Minne	sota				-	Street Division Public Works Director
Project #	ST-209-0453					Туре	Equipment
Project Nam	^{ne} 2009 Ford F-250					Useful Life	10 years
	2007 Ford F-250					Category	Capital Equipment Plan (C
Descriptio	-				Total	Project Cost:	\$30,000
Descriptio	t of the 2009 Ford F-250					,	400,000
Justificatio	on la						
	Expenditures	2018	2019	2020	2021	2022	Total
-	Equip/Vehicles/Furnishings		30,000				30,000
	Т	otal	30,000				30,000
	Funding Sources	2018	2019	2020	2021	2022	Total
	Vehicle Equipment Replacement Fund		30,000				30,000
	1	Total	30,000				30,000

Capital	Equipment Plan				2018	thru 2022		
City of]	Northfield, Min	nesota					-	Street Division Public Works Director
Project #	ST-211-8346							Equipment
Project Nam	^{ne} 2011 Ford F-250						Useful Life	-
							Category	Capital Equipment Plan (CEP
Descriptio	'n	7				Total	Project Cost:	\$30,000
	t of the 2011 Ford F-250							
Justificatio	on	٦						
	Expenditures		2018	2019	2020	2021	2022	Total
	Equip/Vehicles/Furnishir	ngs			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			2018	thru 2022		
-	Northfield, Minn	esota				Department	Street Division
City of I		csold				Contact	Public Works Director
Project #	ST-211-8347					Туре	Equipment
Project Nam	^{ne} 2011 Ford F-250					Useful Life	10 years
	2011 F010 F-230					Category	Capital Equipment Plan (CEP
						D. I. C. I	¢20.000
Descriptio					Total	Project Cost:	\$39,000
Replacemen	t of the 2011 Ford F-250						
Justificatio	on						
	Expenditures	2018	2019	2020	2021	2022	Total
	Equip/Vehicles/Furnishing	S				39,000	39,000
	,	Fotal				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				2018	thru 2022		
-	Northfield, Min						-	Street Division Public Works Director
Project #	ST-212-8757						Туре	Equipment
Project Nam	^{ne} 2012 Ford F-250						Useful Life	10 years
	2012 Ford F-230						Category	Capital Equipment Plan (CEF
Descriptio	m	٦				Total	Project Cost:	\$30,000
_	t of the 2012 Ford F-250						-	
Justificatio	Dn							
	Expenditures		2018	2019	2020	2021	2022	Total
	Equip/Vehicles/Furnishir	ngs					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 E	Equipment Plan			2018	thru 2022			
City of N	orthfield, Minne	esota				Department	Street Division	
		bolu				Contact	Public Works Directo	r
Project #	ST-305-6625					Туре	Equipment	
Project Name	2006 Sterling Dun	nn Truck				Useful Life	15 years	
	2000 Stering Dun					Category	Capital Equipment Pla	an (CEP
					_			
Description					Tota	Project Cost:	\$150,000	
	of the 2006 Sterling Dum	1						
Justification	1							
	Expenditures	2018	2019	2020	2021	2022	Total	
	Equip/Vehicles/Furnishing	S		150,000			150,000	
	1	Fotal		150,000			150,000	
	Funding Sources	2018	2019	2020	2021	2022	Total	

150,000

150,000

150,000

150,000

Produced Using the Plan-It Capital Planning Software

Vehicle Equipment Replacement Fund

Capital l	Equipment Plan			2018	thru 2022		
City of I	Northfield, Minne	esota				-	Street Division
	·····					Contact	Public Works Director
Project #	ST-305-7758					Туре	Equipment
Project Name	e 2006 Ford Water	Fruck				Useful Life	15 years
	2000 Foru Water					Category	Capital Equipment Plan (C
Description	n				Total	Project Cost:	\$140,000
Replacement	t of the 2006 Ford Water Tr	ruck					
Justificatio	n						
	Expenditures	2018	2019	2020	2021	2022	Total
-	Equip/Vehicles/Furnishings	;				140,000	140,000
-	Т	'otal				140,000	140,000
	Funding Sources	2018	2019	2020	2021	2022	Total
	Garbage Fund					56,000	56,000
	Stormwater Fund					84,000	84,000

140,000

140,000

2018 thru 2022

Total Project Cost: \$90,000

City of N	orthfield, Minnesota	•	Street Division Public Works Director
Project # Project Name	ST-400-6393 2000 Case 580 Super L Backhoe	Useful Life	Equipment 15 years Capital Equipment Plan (CEP

Replacement of the 2000 Case 580 Super L Backhoe

Description

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



Description

City of Northfield, Minnesota

Project # ST-402-1086

Project Name 2002 Caterpillar 938G Front End Loader

acement of the 2002 Caterpillar 938G Front End Loader										
stification										
Expenditures	2018	2019	2020	2021	2022	Total				
Equip/Vehicles/Furnishings	175,000					175,000				
Tot	al 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				



175,000

Total

2018 thru 2022

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

175,000

Total Project Cost: \$175,000

Funding Sources	20	18	2019	2020	2021	2022	Total
Vehicle Equipment Replacement Fund			175,000				175,000
	Total		175,000				175,000

City of Northfield, Minnesota

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

cription				Total	Project Cost: §	6175,000
cement of the 1991 Caterpillar 140	G Motor Grader					
fication						
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings		175,000				175,000
Тс	otal	175,000				175,000
Funding Sources	2018	2019	2020	2021	2022	Total
Funding Sources Vehicle Equipment Replacement Fund	2018	2019 175,000	2020	2021	2022	Total 175,000

2018 thru 2022

Department Street Division

Contact Public Works Director

Category Capital Equipment Plan (CEP

Type Equipment

Useful Life 25 years

Capital Equipment P	Plan		2018	thru 2022			
City of Northfield, N	Tinnesota				Department	Street Division	
City of Norumeta, N	minesota				Contact	Public Works Director	
Project # ST-709-0102						Equipment	
			Useful Life		10 years		
Project Name 2009 Toro 4	100D Mower 10			Capital Equipment Plan (CEP			
				Total	Project Cost:	\$45,000	
Description							
Description Replacement of the 2009 Toro 4	100D Mower 10'						
-	100D Mower 10'						
Description Replacement of the 2009 Toro 4 Justification	1100D Mower 10'						
Replacement of the 2009 Toro 4	4100D Mower 10'						
Replacement of the 2009 Toro 4	1100D Mower 10'	s 2019	2020	2021	2022	Total	
Replacement of the 2009 Toro 4	2018	5 2019 45,000	2020	2021	2022	Total 45,000	

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

Capital E	quipment Plan			2018	thru 2022		
City of N	orthfield, Minne	sota				-	Street Division
	····,					Contact	Public Works Director
Project #	ST-711-1598					Туре	Equipment
Project Name	2011 Toro 5900 M	ower 16'				Useful Life	10 years
, , , , , , , , , , , , , , , , , , ,						Category	Capital Equipment Plan (CE
Description					Total	Project Cost:	\$95,000
Replacement	of the 2011 Toro 5900 Mc	ower 16'					
Justification	1						
Ι	Expenditures	2018	2019	2020	2021	2022	Total
	Equip/Vehicles/Furnishings				95,000		95,000
	Т	otal			95,000		95,000
	Funding Sources	2018	2019	2020	2021	2022	Total
	Vehicle Equipment Replacement Fund				95,000		95,000

95,000

95,000

Total

2018 thru 2022

City of Northfield, Minnesota

Project #WW-2018-001Project NameReplacement of 2007 Chevy Colorado

DepartmentWastewater DivisionContactPublic Works DirectorTypeEquipmentUseful Life10 yearsCategoryCapital Equipment Plan (CEP)

escription					Total	Project Cost: \$	\$25,000
placement of 2007 Chevy Colora	ado pickup	(WW-807-000	00) for Wastew	ater Division.			
stification							
chmark for replacement of light	t trucks is 1	0 vears/100 0	00 miles				
ioninant for replacement of light		.o jeuis/100,0	so miles.				
Expenditures		2018	2019	2020	2021	2022	Total
F : A (1):1 (F : 1							
Equip/Vehicles/Furnish	nings	25,000					25,000
Equip/Vehicles/Furnisr	nings Total	25,000 25,000					25,000 25,000
Equip/Vehicles/Furnisr	•						
Equip/Vehicles/Furnisr	•						
Equip/Vehicles/Furnisr	•						
	•	25,000	2010	2020	2021	2022	25,000
Funding Sources	•	25,000 2018	2019	2020	2021	2022	25,000 Total
	•	25,000	2019	2020	2021	2022	25,000
Funding Sources	•	25,000 2018	2019	2020	2021	2022	25,000 Total



2018 thru 2022

City of Northfield, Minnesota

Project # WW-2019-001 Project Name Replacement of 2001 Ford E-450 TV Van Department Wastewater Division Contact Public Works Director Type Equipment

Category Capital Equipment Plan (CEP

Description					Total	Project Cost:	\$160,000	
Replacement of 2001 Ford E-4	450 TV van (WV	W-201-3814)	for Wastewater	Division.				
Justification								
Benchmark for replacement of life of this truck, thus pushing							ted in 2009 to ex	xtend the
Expenditures		2018	2019	2020	2021	2022	Total	
Equip/Vehicles/F	urnishings		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

Useful Life 10 years

2018 thru 2022

City of Northfield, Minnesota

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

ContactPublic Works DirectorTypeEquipmentUseful Life10 years

Department Wastewater Division

Category Capital Equipment Plan (CEP

Description				Total	Project Cost:	\$300,000
Replacement of 2009 Sterling jet vac truc	k (WW-209-6669) for Wastewate	er Division.			
Justification						
enchmark for replacement of the jet vac	is 10 years. Vehi	icle is only prin	narily during no	n-winter month	18.	
· · ·	-					
Expenditures	2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishings			300,000			300,000
То	tal		300,000			300,000
Funding Sources	2018	2019	2020	2021	2022	Total
Waste Water Fund			300,000			300,000
T	otal		300,000			300.000

2018 thru 2022

City of Northfield, Minne	esota					Wastewater Division Public Works Director	
Project #WW-2021-001Project NameReplacement of 20	011 JCB Utility	Machine			Useful Life	Equipment 10 years Capital Equipment Plan (CEP	
Description				Total	Project Cost:	\$90,000	
Replacement of 2011 JCB utility mach	ine (WW-511-6693)	for Wastewater	r Division.				
Justification Benchmark for replacement of the utility	ty machine is 10 yea	rs.					
Expenditures	2018	2019	2020	2021	2022	Total	
Equip/Vehicles/Furnishing	s Cotal			90,000 90,000		90,000	
Funding Sources		2010	2020	·	2022	`	
Waste Water Fund	2018	2019	2020	2021 90,000	2022	Total 90,000	
	Total			90,000		90,000	

2018 thru 2022

City of Northfield, Minnesota

Project # W-2018-002

Project Name Replacement of 1998 Chevy 2500 Pickup Truck

 Department
 Water Division

 Contact
 Public Works Director

 Type
 Equipment

Useful Life 10 years

Category Capital Equipment Plan (CEP

Description	Total Project Cost: \$40,000
Replacement of 1998 Chevy 2500 pick	(WT-298-2389) for Water Division. A new plow will be purchased with this as well.
Justification	
	acks is 10 years/100,000 miles. This truck has an extended life as it is used on a limited basis. It has a the I. Plow and hoist would also be replaced.

Expenditures		2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishi	ngs	40,000					40,000
	Total	40,000					40,000
Funding Sources		2018	2019	2020	2021	2022	Total
Water Fund		40,000					40,000

Capital Equipr	nent Plan			2018	thru 2022			
City of Northf	ity of Northfield, Minnesota						Water Division Public Works Director	
	18-003 Wachs Valve Wree	nch				Useful Life	Equipment 15 years Capital Equipment Plan (CEI	
Description					Total	Project Cost:	\$25,000	
Replace the 2009 Wac	ns valve wrench.							
Justification								
Expendi		2018	2019	2020	2021	2022	Total	
Equip/Vef	nicles/Furnishings Total	25,000 25,000					25,000 25,000	

25,000

25,000

Total

2018 thru 2022

Useful Life	Water Division	
	Contact	Public Works Director
Project # W-2018-004	Туре	New Infrastructure
Project Name Well 5 Generator (200 kW)	Useful Life	
(200 KW)	Category	Capital Equipment Plan (CEP

Description	Total Project Cost: \$120,000
Purchase a new generator for well no. 05 that is a 200 kV	W.
Justification	
The current portable generator at well no. 05 is used for proper functionality with the lift station being a higher p	both the wastewater lift station and well no 05. The well needs its own generator for priority than the well for the portable.

Expenditures		2018	2019	2020	2021	2022	Total
Equip/Vehicles/Furnishir	ngs	120,000					120,000
	Total	120,000					120,000
Funding Sources		2018	2019	2020	2021	2022	Total
Water Fund		120,000					120,000



2018 thru 2022

City of Northfield, Minnesota

Project # W-2020-001

Project Name Replacement of 2010 Ford F-150 Pickup Truck

Total Project Cost: \$25,000 Description 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 2020 2018 2019 2021 2022 Total Equip/Vehicles/Furnishings 25,000 25,000 25,000 25,000 Total

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



2018 thru 2022

City of Northfield, Minnesota

Project # W-2021-001

Project Name Replacement of 2010 Ford F-150 Pickup Truck

Contact Public Works Director Type Equipment Useful Life 10 years Category Capital Equipment Plan (CEP

Total Project Cost: \$25,000 Description 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 25,000 25,000 Total **Funding Sources** 2018 2019 2020 2021 2022 Total Water Fund 25,000 25,000 25,000 25,000 Total



Department Water Division

2018 thru 2022

City of Northfield, Minnesota Contact Public Works Director Type Equipment Project # W-2022-001 Useful Life 10 years Project Name Replacement of 2012 Ford F-150 Pickup Truck Category Capital Equipment Plan (CEP Total Project Cost: \$25,000 Description 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/Furnishi	ngs					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

Department Water Division